



Portland General Electric Company

121 SW Salmon Street • Portland, Oregon 97204

## MEMORANDUM

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TO: Kevin Dana/DEQ

FROM: PGE

DATE: October 17, 2018

SUBJECT: Bors Property Soil Remediation and Request for No Further Action  
ECSI# 901

### **Introduction and Background**

This memorandum summarizes recent soil sampling and excavation activities conducted at the Bors Property and requests that the Oregon Department of Environmental Quality (DEQ) re-issue No Further Action determination for the site. The Bors Property is located near 18235 S. Grasley Road, Oregon City, Oregon. The land was historically used for agricultural purposes; a former owner of the property, Joe Bors, also conducted salvage operations (recycling) of obsolete electrical equipment from approximately 1979 until 1984. In the process of recycling metal from the equipment, oil containing polychlorinated biphenyls (PCBs) were released into the soil. The original Bors Property was 22 acres; it was divided into the current, six, smaller parcels following the end of salvage operations. These parcels include tax lots 800, 801, 802, 900, 902, and 903 in the Northeast Quarter of the Northwest Quarter of Section 1, Township 3 South, Range 2 East, Willamette Meridian, in Clackamas County Oregon. Figure 1 shows the original Bors property and vicinity. The majority of the salvage operations were conducted on what is now Tax Lot 900 and multiple assessment efforts indicated this as the primary area of concern.

In addition to the current and former property owners, six parties were determined to be potentially responsible as generators for the contamination released on the property due to selling electrical equipment to Mr. Bors. PGE is the performing party for the generator group, which also includes Clark County PUD, PacifiCorp, Calbag Metals, General Electric Company, and Schnitzer Steel, the successor-in-interest to Acme Trading and Supply Co. This multi-party

group, with PGE acting as the performing party, completed initial investigation and remediation of the Bors property between 1989 and 2001. DEQ issued a No Further Action (NFA) determination in 2001.

In November of 2016, DEQ requested that the NFA be re-evaluated after performing a preliminary file review that was triggered by questions raised by a property owner as part of a potential real estate transaction. DEQ stated that the current residential risk-based screening level for PCBs of 230 ug/kg was significantly lower than the cleanup standard of 1,200 ug/kg that was applied by DEQ during the 2001 cleanup when the NFA was initially granted. The six property parcels that make up the 22-acre Bors property have been or are being developed as single family residential properties.

### **Summary of Recent Activities**

In late 2016, DEQ requested that the original data collected during assessment and cleanup be reevaluated to assess if the basis for the 2001 NFA was still valid (DEQ, 2016). PGE contracted CH2M to perform this evaluation; CH2M found that the basis of the NFA remained valid and that the original cleanup remained protective (CH2M, 2017).

In July of 2017, DEQ requested that additional soil sampling be performed citing a lack of dioxins/furans data in the existing dataset. In addition, DEQ requested that these soil samples be analyzed for PCB congeners and arsenic, lead, mercury, copper, cadmium, and chromium (DEQ, 2017). On September 21, CH2M conducted the requested soil sampling consisting of two multi-incremental soil samples collected near historic burn areas on Tax Lot 900, which is the parcel on which the majority of salvaging activities were performed. Final data was provided to DEQ in November 2017; detected concentrations of metals and dioxins/furans were below Oregon Risk Based Concentrations (RBCs) for residential receptors. Detected concentrations of PCBs were slightly above residential RBCs. This newly collected data was discussed with DEQ during a meeting held on December 4, 2017; DEQ requested that soil removal action be taken based on the results of the soil sampling. Soil sampling activities were formerly summarized by CH2M in a memorandum dated February 19, 2018 (CH2M, 2018).

PGE held a meeting with DEQ on March 13, 2018, in preparation for soil removal activities to clarify general approach and scope. PGE contracted Bridgewater Group, Inc. to perform follow-on soil sampling for the purposes of refining the removal action and confirmation soil sampling following soil removal. Bridgewater submitted a Sampling Plan to DEQ on March 30 (Bridgewater, 2018a). DEQ approved the Sampling Plan on April 5, 2018 (DEQ, 2018). Pre-removal sampling was conducted on April 12, 2018. Sampling was conducted in eleven decision units not exceeding a size of 10,000 square feet. Ten of the eleven decision units were located on Tax Lot 900. Decision Unit 11 was located on adjacent Tax Lot 800 and was designed to

assess any remaining contamination from a burial pit that had been excavated during the initial site cleanup. Results of this pre-removal sampling found that decision units 1,2,6,9,10, and 11 would not require soil excavation as concentrations of PCBs were detected below the risk-based concentration for residential receptors. Results from this pre-removal sampling were provided to DEQ via email and DEQ concurred that the above-mentioned decision units would not require any soil removal or additional assessment (Dana, 2018). The five remaining decision units were scheduled for soil excavation. A detailed description of pre and post removal sampling is provided by Bridgewater in a technical memorandum (Bridgewater, 2018b) included as Attachment A.

### **Remediation Activities**

2018 remediation activities included the demolition and disposal of an approximate 60'x50' pole building, surface excavation of five decision units, and site restoration. PGE contracted with Anderson Environmental Contracting, LLC (AEC) to complete the excavation and disposal activities, Bridgewater to conduct soil sampling, and Apex laboratories for analytical testing services. All excavated soils and demolished concrete materials were disposed of at Waste Management's Subtitle D Landfill located in Hillsboro, Oregon (Hillsboro Landfill). Steel building debris was disposed of at Chemical Waste Management Landfill in Arlington, Oregon. Project photos are included as Attachment B; disposal transaction history is included as Attachment C.

On May 29, 2018, AEC began mobilizing equipment and prepping the site. Silt fence was installed around the west and southern (downhill) edges of the remediation area and a construction entrance made of quarry spalls was installed to manage soil track off from truck traffic. Locating Inc. was used to locate and mark underground utilities prior to any excavation. Throughout the project, AEC used a water truck for dust control and regularly swept Team Court, the paved, private drive used to access the remediation area. In general, excavation was conducted by scraping approximately 12-inch thick layers of soil from each decision unit with confirmation soil sampling performed immediately after excavation. Details of each decision unit excavation are discussed below.

#### **Decision Unit 8**

Remediation activities began at Decision Unit 8 on May 30 and included demolition of a steel pole building that was within the footprint. Due to the infeasibility of collecting a bulk sample of the steel for waste characterization purposes, the steel building materials were segregated from soils and disposed of at the Chemical Waste Management Landfill in Arlington, Oregon. As excavation continued, a buried concrete vault was discovered and found to contain burned debris. This vault was 20 feet long, 10 feet wide, and 6 feet deep and contained approximately 44 cubic yards of burn debris and stained soils. This burn debris and the concrete vault rubble

were excavated and segregated from other materials for separate waste characterization. Results of sampling concluded that the debris could be disposed of at Hillsboro Landfill as non-hazardous waste. Soil confirmation sampling following excavation indicated that remediation goals had been achieved and no further excavation was needed.

#### Decision Unit 4

On June 4<sup>th</sup> excavation began at Decision Unit 4. The entire area was excavated to approximately 12 inches below ground surface; a buried concrete pad was discovered and was demolished and removed. Confirmation sampling detected PCBs at concentrations exceeding the remediation goals, so a second 12-inch layer of soil was removed. A second concrete vault was discovered during the follow-on excavation, this vault was also found to be filled with burn debris. This vault was smaller in size than the first vault at 6'x6'x6'. Vault contents and demolition rubble were again segregated and sampled for waste characterization, results of waste sampling indicated that this debris could also be disposed of at Hillsboro Landfill. A second round of confirmation soil sampling was conducted within the entire decision unit and results indicated that remediation goals had been achieved.

#### Decision Units 7 and 5

Excavation of Decision Units 7 and 5 were completed on June 7<sup>th</sup>. Confirmation sampling of both units indicated that remediation goals had been met after removal of one, 12-inch layer of soil. No underground features or anomalies were discovered during these excavations.

#### Decision Unit 3

Two rounds of excavation were necessary to meet remediation goals within Decision Unit 3. The final round of excavation was completed on June 14<sup>th</sup> and final samples were collected on June 15<sup>th</sup>. No underground features or anomalies were discovered during these excavation activities.

#### Ground Penetrating Radar

Due to the discovery of two buried concrete vaults on the property, PGE requested that the entire Tax Lot 900 property be screened using a ground penetrating radar. This survey was conducted on June 14<sup>th</sup> by Locates Down Under and no additional anomalies were observed.

#### Restoration

Restoration activities consisted of backfilling the vault excavations, contouring the excavated areas, and importing stock piles of additional clean fill to be used by the property owner during



redevelopment. PGE backfilled the two, relatively deep vault excavations with ¾-inch minus fill compacted in approximate 18-inch lifts. PGE imported an additional 120 yards of ¾-inch minus fill and 120 yards of top soil and stock piled it onsite on June 13th. On June 20<sup>th</sup> all areas of disturbed soil were hydroseeded and AEC completed demobilization from the property. The property owner requested some additional material be imported after conferring with his developer. On July 31, 2018 PGE imported an additional 264 yards of top soil and 186 tons of crushed rock to the property. Clean fill tickets are included as Attachment D.

### **Conclusion**

In late 2016 DEQ reopened the NFA for the Bors property citing a change in cleanup standards, resulting in the application of more conservative current cleanup standards for total PCBs (230 ug/kg) compared to those in place when initial cleanup occurred (1,200 ug/kg). Results of recent excavation and sampling activities indicate that the current cleanup standards for residential property use have been achieved. On behalf of the group of potentially responsible parties, PGE requests that an NFA be granted for the Bors Property.

### **Figure**

Figure 1                      Vicinity Map

### **Attachments**

Attachment A	Bridgewater Sampling Memorandum
Attachment B	Project Photos
Attachment C	Disposal Receipts
Attachment D	Clean Fill Tickets

### **References**

Bridgewater. 2018a. Bors Property ISM Sampling Plan. March 30, 2018.

Bridgewater. 2018b. Bors Property: Pre-Removal Soil Investigation and Post Removal Confirmation Soil Sampling. July 19, 2018.

CH2M. 2017. Bors Property (ECSI #901) NFA Evaluation. May 18, 2017.

CH2M. 2018. Bors Property (ECSI #901) Follow Up Sampling Summary Report. February 19, 2018.

Dana. 2018. Electronic Email correspondence between Kevin Dana, Cleanup Project Manager from the Oregon Department of Environmental Quality, and Jacob Neal at Portland General Electric. April 26, 2018.

DEQ. 2016. Letter from Kevin Parrett, Oregon Department of Environmental Quality to Arya Behbehani, PGE Regarding Bors Property, ECSI #901. November 3, 2016.

DEQ. 2017. Letter from Robert Williams, Oregon Department of Environmental Quality to Jacob Neal, PGE Regarding Bors Property, ECSI #901. July 6, 2017.

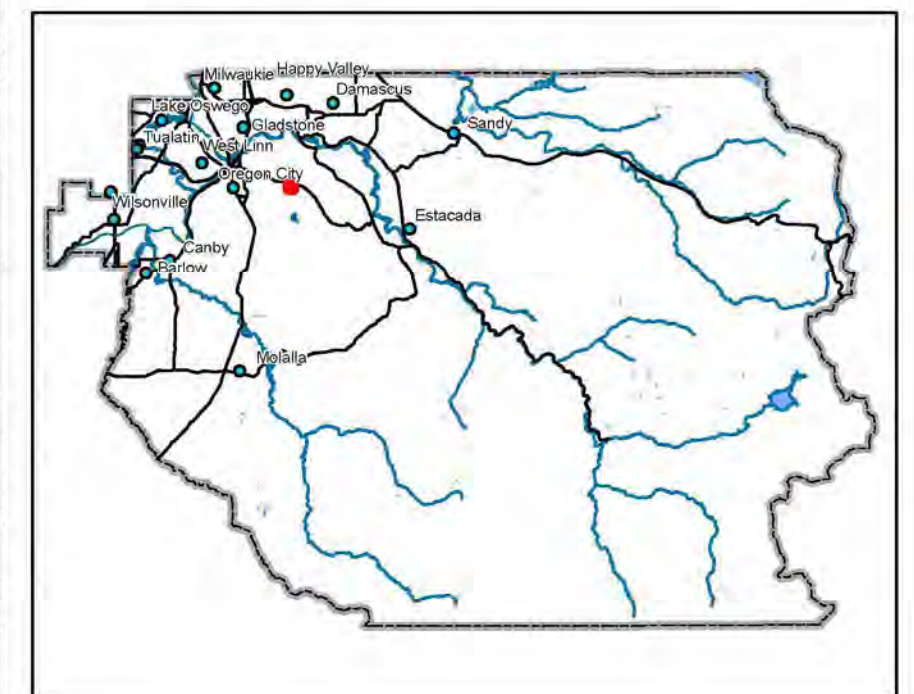
DEQ. 2018. Letter from Kevin Dana, Oregon Department of Environmental Quality to Jacob Neal, PGE Regarding Draft ISM Sampling Plan for Bors Property in Oregon City ECSI #901. April 5, 2018.

**Figure 1**

Tax Lot Map



400  
1101  
1500



THIS MAP IS FOR ASSESSMENT  
PURPOSES ONLY



## **Attachment A**

### Bridgewater Sampling Memorandum

## Bors Property: Pre-Removal Soil Investigation and Post Removal Confirmation Soil Sampling

PREPARED FOR: Jacob Neal/Portland General Electric

PREPARED BY: Aaron Leritz/Bridgewater Group  
Justin Pounds/Bridgewater Group

DATE: July 19, 2018

### Introduction and Background

Bridgewater Group, Inc. (Bridgewater) was contracted by Portland General Electric (PGE) to perform a pre-removal soil investigation and post-removal confirmation soil sampling and the generation of this report for the Bors Property (Property) located at 18235 S. Grasle Road, Oregon, City, Oregon (Figures 1 and 2).

PGE is representing a multi-party group responsible for residual polychlorinated biphenyl's (PCBs) contamination at the Property. The multi-party group completed site investigations and cleanup activities at the Property in the 1990s and received and No Further Action (NFA) determination in 2001. The latest efforts are being driven by potential residential development of the Property and more stringent cleanup requirements being adopted since the NFA was granted.

In November of 2016, DEQ contacted PGE requesting that the validity of the NFA be reassessed citing the current screening level for PCBs as being much lower than the value used during the 2001 cleanup. PGE had established the scope of the investigation and soil sampling in conjunction with Oregon Department of Environmental Quality (DEQ) and then engaged Bridgewater.

### Pre-Removal Investigation

#### Purpose of Sampling

The purpose of the pre-soil removal investigation was to assess if near surface soil (0-1 foot below ground surface [bgs]) in pre-defined areas (or "decision units") contained PCBs at concentrations that exceed the DEQ risk-based concentration (RBC) for PCBs in residential soil of 230 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ )<sup>1</sup> (residential RBC).

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<sup>1</sup> Oregon DEQ Risk-Based Concentrations for Individual Chemicals, soil ingestion, dermal contact, or inhalation for residential receptors, November 1, 2015

## Scope of Investigation

The pre-soil removal investigation focused on an area of the Property that had previously been used for transformer salvage and scrapping activities. The multi-party group previously remediated the area, however, the near surface soils had been found to contain residual PCBs at concentrations greater than the most recent version of the residential RBC. This area was divided into 11 decision units approximately 8,000 - 10,000 square feet (sf) each within the areas of concern on the Property (Figure 3).

## Sampling Methodology

Bridgewater implemented the incremental sampling method (ISM)<sup>2</sup> for this investigation. Each decision unit (DU) was sub-divided into representative sub-sample or increments for aliquot sampling of near surface soils. Each DU had no fewer than 24 sub-samples as shown in Figure 3. The following sampling methodology was implemented:

- DUs were established at 10,000 sf or less
- PGE land surveyors established DU GPS coordinate corners in the field
- DUs were subdivided into at least 24 sub-sample areas
- A 2-oz near surface soil sample (0-6-inches bgs) was collected from each sub-sample location that represented the entire sample depth
- Each subsample was placed into a laboratory provided 1-gallon hydrochloric acid (HCl) preserved jar and placed in a chilled cooler for delivery to Apex Laboratory, Tigard, OR.
- Sample equipment was decontaminated between DUs.
- Apex Laboratory further processed the samples by using Apex Laboratories SOP G-105 RSM (Representative Sampling Methodology). This SOP is consistent with the ITRC ISM February 2012 Final guidance.
- Specifically, Apex used the entire sample volume from each DU to create a well mixed and representative sub sample. The process for this project is summarized below:
  - The DU sample composite including any interstitial water was air-dried at room temperature (approximately 20 degrees Celsius). Samples were dried on baking sheets covered with Teflon sheeting to protect the sample from both metals and phthalate contamination.
  - Wet soil was worked and turned following Apex SOP G 105 RSM during drying to prevent sediments from hardening into “bricks.” This processing also decreased the sample drying time. Drying the sample destroyed and ceased the activity of bio degraders, which increased the stability of chemicals of concern in the sample.
  - Once air-dried, the entire DU sample from the pans was sieved. The material greater than 2mm was returned to the original ISM sampling container and was not part of the sample. Approximately 150 grams of

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<sup>2</sup> Interstate Technology and Regulatory Council (ITRC) Incremental Sampling Methodology, February 2012.

sieved soil/sediment was representatively sub-sampled using the Japanese 2-D Slab Cake method using 50 sub increments. The samples were ground using a stainless steel ring and puck mill following cool grinding technique until soil was a fine powder (50-60-micron diameter). Cool grinding is a process to preserve lower boiling components. Once grinding was complete the material was transferred back to the Teflon lined baking tray.

- Ground sample was placed on the baking tray with the Teflon sheet and mixed together.
- From the slab cake representative aliquots were collected and placed into glass sample containers for each requested analysis. Due to the small uniform size of particles standard sample masses were used while reducing the fundamental error (FE) significantly.
- The remaining sample was returned to an RSM container for frozen archiving.
- Sufficient sample volume was representatively subsampled by the laboratory to create laboratory QA/QC samples.

## **Pre-Removal Sampling Results**

Samples were analyzed for total PCB Aroclors using U.S. Environmental Protection Agency (EPA) Method 8082. Results of the sampling showed that DUs 1, 2, 6, 9, 10, and 11 detected total PCBs less than the residential RBC. DUs 3, 4, 5, 7, and 8 detected PCBs in excess of the residential RBC. Table 1 summarizes the laboratory analysis results. The laboratory data report is provided in Attachment 1.

Based on the pre-soil removal investigation results, no further assessment was required for DUs 1, 2, 6, 9, 10, and 11. DUs 3, 4, 5, 7 and 8 were carried forward to the soil removal phase of the project.

## **Confirmation Sampling**

### **Purpose and Background**

The purpose of the confirmation phase sampling was to assess if PCBs were present at concentrations that exceed the residential RBC after 1-foot of soil was removed.

### **Scope of Sampling**

DUs 3, 4, 5, 7 and 8 were excavated and sampled.

### **Sampling Methodology**

A modified ISM methodology was implement for confirmation phase sampling to reduce sample analysis turn-around-time from 7-days to 24-hours. The following method was implemented:



- DUs and DU corners were maintained from the pre-soil removal phase.
- DUs sub-sample areas were replicated from the pre-soil removal phase.
- A 2-oz near surface soil sample (0-6-inches bgs) was collected from each sub-sample location that represented the entire sample depth
- Each subsample was placed into a decontaminated stainless steel bowl, mixed, and then evenly spread into a 9" X 13" decontaminated stainless steel cake pan.
- The cake pan was divided in 18 quadrants and a 1-oz aliquot was extracted from each quadrant and placed into a decontaminated stainless steel bowl and mixed again.
- Soil was then placed into a 4 oz laboratory supplied container, placed in a chilled cooler, and delivered to Apex Laboratory for 24-hour turn-around analysis.
- Sampling equipment was decontaminated between DUs.

A concrete vault was found in northwest corner of DU8 approximately 2-feet bgs (See Figure 5). The vault was located inside the former barn structure. The vault was approximately 8' by 10' and 6' deep. Soil and burnt electrical equipment found inside the vault was placed in lined drop boxes for disposal. One representative composite sample was collected from the boxes (Stockpile) for disposal characterization purposes and was analyzed for volatile organic compounds (VOCs) by US EPA method 8260, total metals by US EPA Method 6020, and PCBs by US EPA Method 8082. A 12-point near-surface soil composite sample (DU8A-Bottom) was collected from the bottom of the excavation after the vault was removed (8 ft. below ground surface).

## **Result of Confirmation Sampling**

### **Vault Soil Sampling Results**

The DU8-Stockpile sample results were consistent with the pre-removal investigation results. Specifically, no VOCs were detected above the method detection limit (MDL). Metals results were generally consistent with background concentrations of metals in soils in Oregon, except lead that was detected at 1,950 mg/kg. A follow-up US EPA Method 1311 analysis was performed on the sample for toxicity characteristic leachate procedure (TCLP) lead. The TCLP analysis detected lead at 0.815 mg/L, well below the TCLP hazardous waste threshold of 5 mg/L. PCB Aroclor 1254 was detected at 1.4 mg/kg and PCB Aroclor 1260 was detected at 4.5 mg/kg for a total PCB concentration of 5.96 mg/kg. This excavated material was transported offsite for disposal at Hillsboro Landfill with the other excavated soil.

The laboratory did not detect total PCBs in the DU8A-Bottom sample above the method detection limit (MDL). Vault sample analytical results are summarized in Table 2. The laboratory data reports are provided in Attachment 2.

### **DU Confirmation Soil Sampling Results**

Confirmation soil samples from DUs 3, 4, 5, 7, and 8 were submitted to Apex Laboratory for total PCB Aroclors by EPA method 8082.

Bors Property: Pre-Removal Soil Investigation and  
Post Removal Confirmation Soil Sampling

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Analytical results indicated detections of total PCBs in soil from DUs 5, 7, and 8 were less than residential soil RBC (230 Ug/kg) after 12 inches of soil was removed. Elevated total PCB concentrations in DUs 3 and 4 remained above the residential RBC in confirmation samples (DU3V1 & DU4V1). An additional 12-inches of soil was removed from DUs 3 and 4 before another round of confirmation samples were collected (DU3V2 & DU4V2). Confirmation samples DU3V2 and DU4V2 detected total PCBs less than the residential RBC. Confirmation sample analytical results are summarized in Table 2. The laboratory data report is provided in Attachment 2.

## **Tables**

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Table 1  
Incremental Sampling Methodology Results - PCBs  
Pre-Removal Soil Investigation  
Bors Property  
**RESULTS Through 4/25/18**

Sample ID	Lab ID	Date	Media	Type	PCB Aroclors (EPA 8082A, µg/kg)							Total PCBs
					1016	1221	1232	1242	1248	1254	1260	Total
DU1-041218	A8D0472-02	04/12/18	Soil	Comp	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	25.2	104	129
DU2-041218	A8D0472-04	04/12/18	Soil	Comp	10.2 U	10.2 U	10.2 U	19.8	10.2 U	10.2 U	95.6	115
DU3-041218	A8D0472-06RE1	04/12/18	Soil	Comp	102.0 U	102.0 U	102.0 U	102.0 U	102.0 U	102.0 U	1550.0	1550
DU4-041218	A8D0472-08	04/12/18	Soil	Comp	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	368.0	368
DU5-041218	A8D0472-10	04/12/18	Soil	Comp	10.1 U	10.1 U	10.1 U	62.9	10.1 U	10.1 U	502	565
DU6-041218	A8D0472-12	04/12/18	Soil	Comp	10 U	10 U	10 U	10 U	10 U	10 U	135	135
DU7-041218	A8D0472-14	04/12/18	Soil	Comp	10 U	10 U	10 U	10 U	10 U	10 U	231	231
DU8-041218	A8D0472-16	04/12/18	Soil	Comp	10.2 U	10.2 U	10.2 U	10.2 U	10.2 U	10.2 U	319	319
DU9-041218	A8D0472-18	04/12/18	Soil	Comp	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	71.6	72
DU10-041218	A8D0472-20	04/12/18	Soil	Comp	10.2 U	10.2 U	10.2 U	10.2 U	10.2 U	20.9	13.7	35
DU11-041218	A8D0472-22	04/12/18	Soil	Comp	11 U	11 U	11 U	11 U	11 U	14.4	9.11	24
Regulatory Drivers												
DEQ Residential Soil (µg/kg)					230	230	230	230	230	230	230	230

**Notes:**

U: Not detected at or above the stated method reporting limit (MRL).

J: Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.

Yellow highlights = detected greater than screening level value

**Sample Type:**

Comp = ISM Composite

Table 2

## Incremental Sampling Methodology Results - PCBs

Post-Removal Confirmation Samples

Bors Property

RESULTS Through 6/19/18

Sample ID	Lab ID	Date	Media	Type	PCB Aroclors (EPA 8082A, µg/kg)							Total PCBs
					1016	1221	1232	1242	1248	1254	1260	Total
DU3V1	A8F0365-01	06/11/18	Soil	Comp	11.7 U	11.7 U	11.7 U	11.7 U	11.7 U	11.7 U	370.0	370.0
DU3V2	A8F0515-01	06/14/18	Soil	Comp	12.0 U	12.0 U	12.0 U	12.0 U	12.0 U	12.0 U	82.5	82.5
DU4V1	A8F0096-01	06/05/18	Soil	Comp	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	156.0	232.0	388.0
DU4V2	A8F0223-07RES1	06/07/18	Soil	Comp	12.0 U	12.0 U	12.0 U	12.0 U	12.0 U	12.0 U	52.0	52.0
DU4 Vault Stockpile*	A8F0223-01	06/07/18	Soil	Comp	10.2 U	10.2 U	10.2 U	10.2 U	10.2 U	10.2 U	40.8	40.8
DU5V1	A8F0197-02	06/07/18	Soil	Comp	10.9 U	10.9 U	10.9 U	36.6 P-09	10.9 U	10.9 U	186	222.6
DU7V1	A8F0197-01	06/07/18	Soil	Comp	10.6 U	10.6 U	10.6 U	10.6 U	10.6 U	10.6 U	112	112
DU8V1	A8F0061-01	06/04/18	Soil	Comp	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U	0 U
DU8A-Bottom**	A8F0061-06	06/04/18	Soil	Comp	14.2 U	14.2 U	14.2 U	14.2 U	14.2 U	14.2 U	14.2 U	0 U
Regulatory Drivers												
DEQ Residential Soil (µg/kg)					230	230	230	230	230	230	230	230

## Notes:

\* Sample was also analyzed for Volatile Organic Compounds (VOCs) and total metals for waste determination and characterization for disposal approval.

\*\* Sample collected beneath a concrete vault encountered in DU8 while performing the 1-foot deep soil removal. Bridgewater collected a sample of the soil immediately beneath the vault after it was removed.

U: Not detected at or above the stated method reporting limit (MRL).

J: Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.

P-09 - Due to weathering and/or the presence of an unknown mixture of PCB Congeners, the pattern does not match the standard used for calibration. Results are Estimated and based on the closest match.

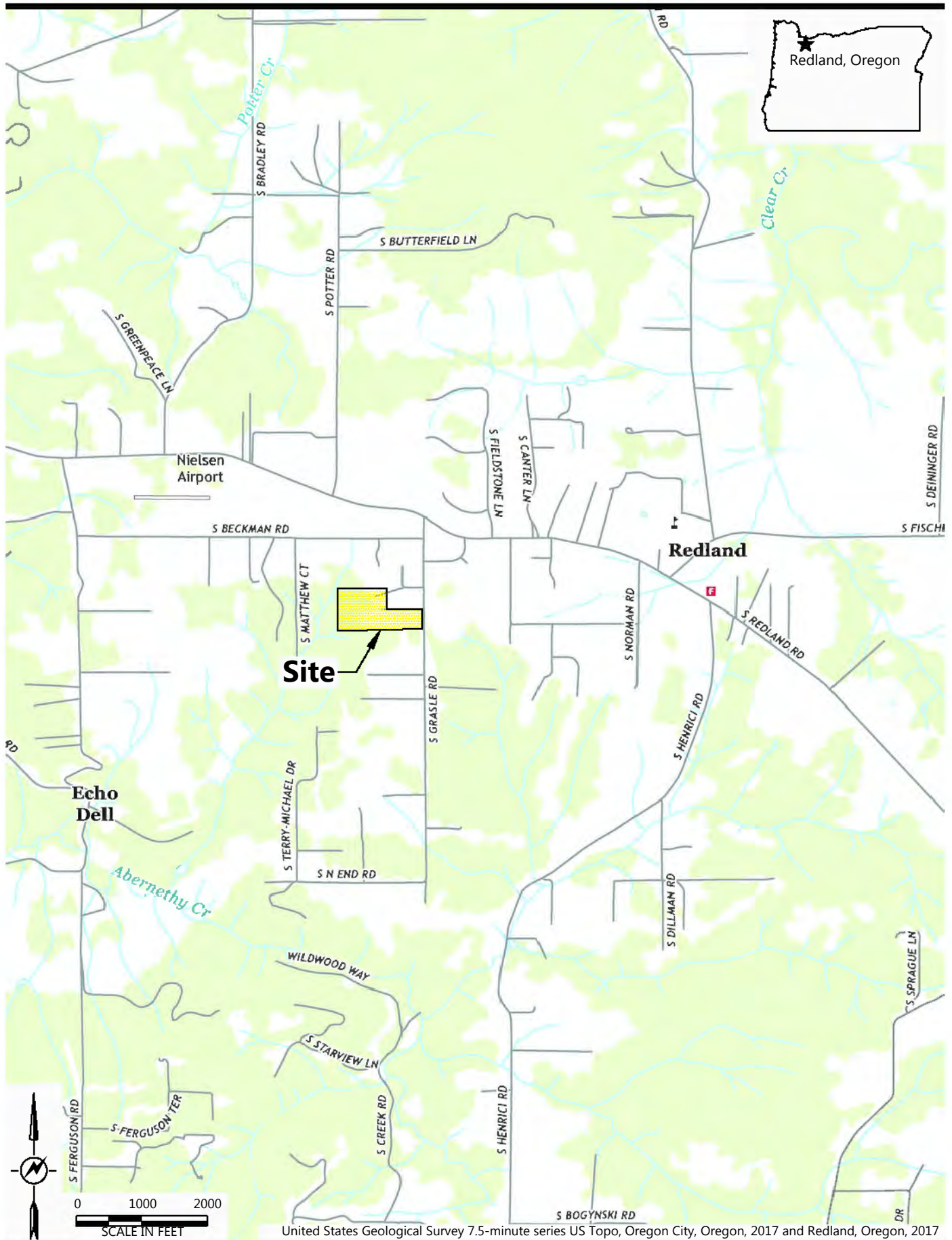
Yellow highlights = detected greater than screening level value

## Sample Type:

Comp = ISM Composite

## Figures

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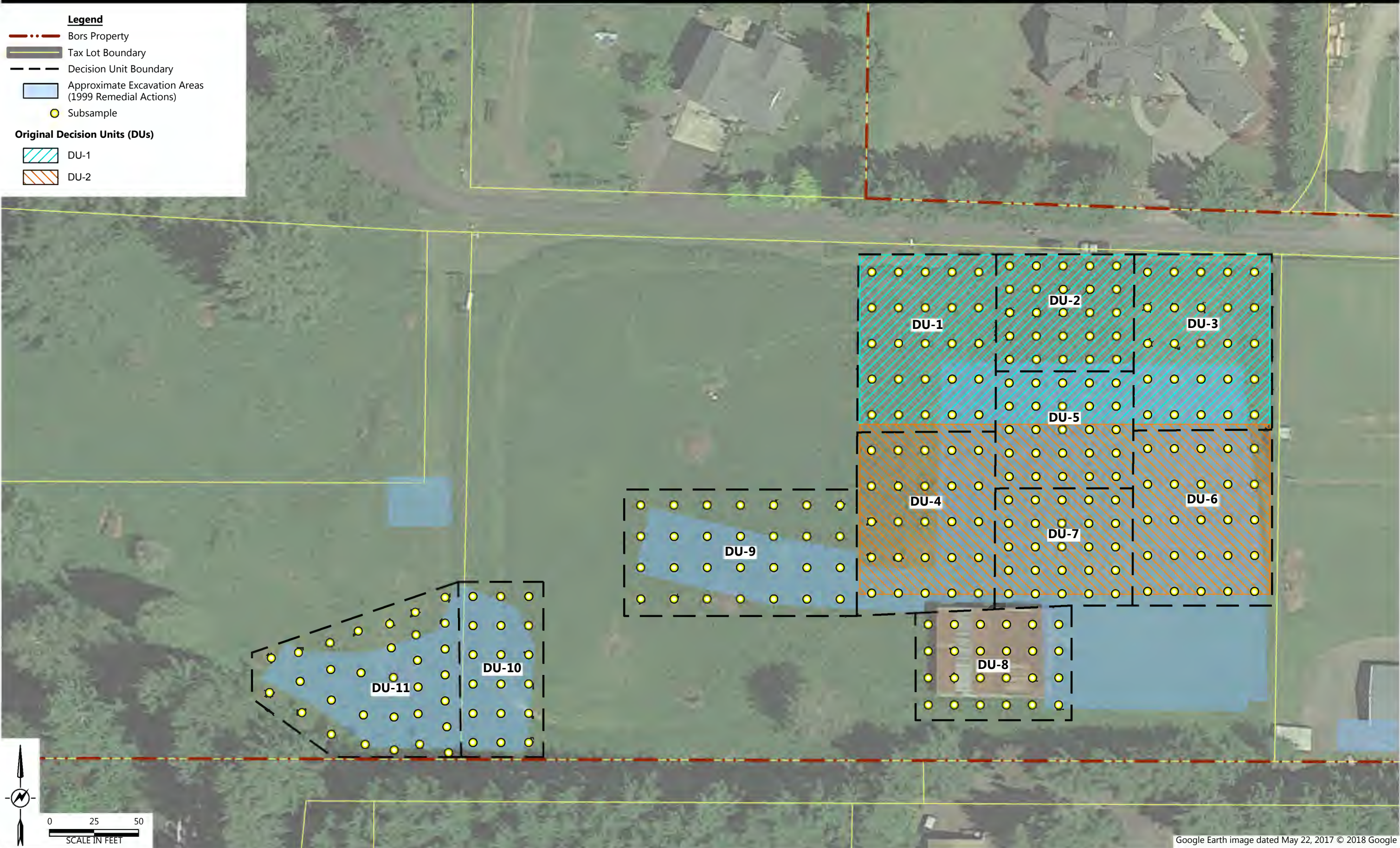


C:\Users\Christopher\AppData\Local\Temp\AcPublish\_30548\PGE Bors.dwg, 7/03/2018 - 07:41 PM





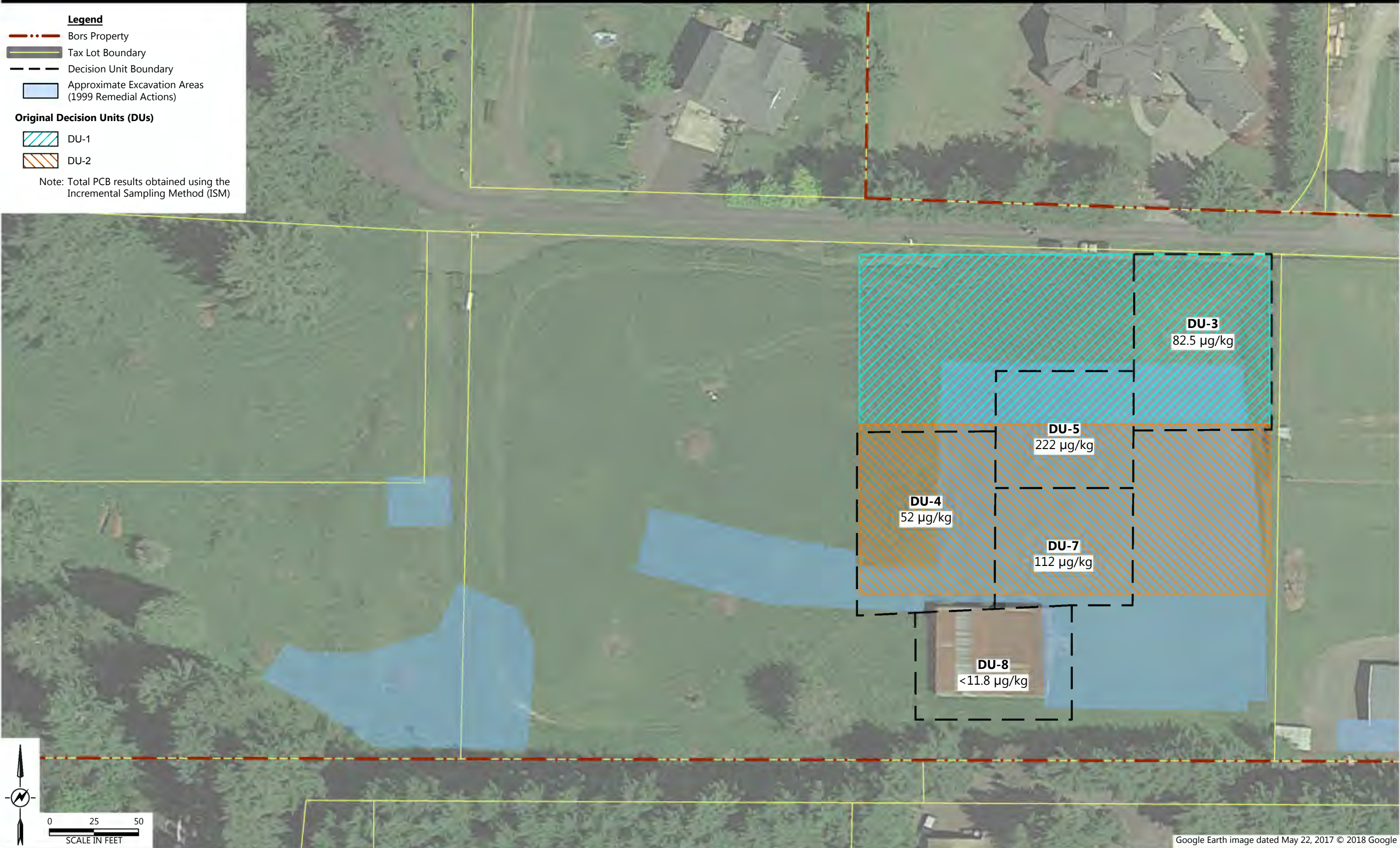














## **Attachments**

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**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

Wednesday, June 13, 2018

Aaron Leritz  
Bridgewater Group  
7100 SW Hampton St. Suite 235  
Tigard, OR 97223

RE: A8F0365 - Bors Property\_PGE - PGE-036

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A8F0365, which was received by the laboratory on 6/12/2018 at 8:00:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

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This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

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Apex Laboratories

A handwritten signature in black ink that reads "Lisa A. Domenighini".

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Lisa Domenighini, Client Services Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0365 - 06 13 18 1439**

**ANALYTICAL REPORT FOR SAMPLES**

**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DU3V1	A8F0365-01	Soil	06/11/18 16:00	06/12/18 08:00

Apex Laboratories

Lisa Domenighini, Client Services Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0365 - 06 13 18 1439****ANALYTICAL SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU3V1 (A8F0365-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060642</b>		<b>C-07, Q-39</b>		
Aroclor 1016	ND	---	11.7	ug/kg dry	1	06/13/18	EPA 8082A	
Aroclor 1221	ND	---	11.7	ug/kg dry	1	06/13/18	EPA 8082A	
Aroclor 1232	ND	---	11.7	ug/kg dry	1	06/13/18	EPA 8082A	
Aroclor 1242	ND	---	11.7	ug/kg dry	1	06/13/18	EPA 8082A	
Aroclor 1248	ND	---	11.7	ug/kg dry	1	06/13/18	EPA 8082A	
Aroclor 1254	ND	---	11.7	ug/kg dry	1	06/13/18	EPA 8082A	
<b>Aroclor 1260</b>	<b>370</b>	---	11.7	ug/kg dry	1	06/13/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 84 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/13/18</i>	<i>EPA 8082A</i>	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0365 - 06 13 18 1439**

**ANALYTICAL SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU3V1 (A8F0365-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060655</b>				
% Solids	82.5	---	1.00	% by Weight	1	06/13/18	EPA 8000C	

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Lisa Domenighini, Client Services Manager

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**Bridgewater Group**

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Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz**

Report ID:

**A8F0365 - 06 13 18 1439****QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060642 - EPA 3546						Soil						
Blank (8060642-BLK1)		Prepared: 06/12/18 15:48 Analyzed: 06/13/18 08:32										C-07
EPA 8082A												
Aroclor 1016	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 82 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060642-BS1)		Prepared: 06/12/18 15:48 Analyzed: 06/13/18 08:50										C-07
EPA 8082A												
Aroclor 1016	160	---	10.0	ug/kg wet	1	250	---	64	47-134%	---	---	
Aroclor 1260	203	---	10.0	ug/kg wet	1	250	---	81	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 82 %		Limits: 53-120 %		Dilution: 1x						
Duplicate (8060642-DUP1)		Prepared: 06/12/18 15:48 Analyzed: 06/13/18 09:06										C-07
QC Source Sample: DU3V1 (A8F0365-01)												
EPA 8082A												
Aroclor 1016	ND	---	11.8	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	11.8	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	11.8	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	11.8	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	11.8	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	11.8	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1260	593	---	11.8	ug/kg dry	1	---	370	---	---	46	30%	Q-17
Surr: Decachlorobiphenyl (Surr)		Recovery: 89 %		Limits: 53-120 %		Dilution: 1x						

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Lisa Domenighini, Client Services Manager

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**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0365 - 06 13 18 1439****QUALITY CONTROL (QC) SAMPLE RESULTS****Percent Dry Weight**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060655 - Total Solids (Dry Weight)							Soil					
Duplicate (8060655-DUP1)		Prepared: 06/13/18 09:22   Analyzed: 06/13/18 10:49										
QC Source Sample: DU3V1 (A8F0365-01)												
EPA 8000C												
% Solids	82.3	---	1.00	% by Weight	1	---	82.5	---	---	0.2	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

**SAMPLE PREPARATION INFORMATION****Percent Dry Weight****Prep: Total Solids (Dry Weight)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<b>Batch: 8060655</b>							
A8F0365-01	Soil	EPA 8000C	06/11/18 16:00	06/13/18 09:22			NA

**Polychlorinated Biphenyls by EPA 8082A****Prep: EPA 3546**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<b>Batch: 8060642</b>							
A8F0365-01	Soil	EPA 8082A	06/11/18 16:00	06/12/18 15:48	10.36g/5mL	10g/5mL	0.97

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Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0365 - 06 13 18 1439**

**QUALIFIER DEFINITIONS**

**Client Sample and Quality Control (QC) Sample Qualifier Definitions:**

**Apex Laboratories**

- C-07** Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
- Q-17** RPD between original and duplicate sample is outside of established control limits.
- Q-39** Results for sample duplicate are significantly higher than the sample results. See duplicate results in QC section of the report.

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Project Number: **PGE-036**

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**Report ID:**

**A8F0365 - 06 13 18 1439**

**REPORTING NOTES AND CONVENTIONS:**

**Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.  
ND Analyte NOT DETECTED at or above the detection or reporting limit.  
NR Result Not Reported  
RPD Relative Percent Difference

**Detection Limits: Limit of Detection (LOD)**

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).  
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

**Reporting Limits: Limit of Quantitation (LOQ)**

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

**Reporting Conventions:**

Basis: Results for soil samples are generally reported on a 100% dry weight basis.  
The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")  
See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

**QC Source:**

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

**Miscellaneous Notes:**

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" \*\*\* " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

**Blanks:**

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).  
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.  
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.  
For further details, please request a copy of this document.

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Lisa Domenighini, Client Services Manager



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**Bridgewater Group**

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Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0365 - 06 13 18 1439**

**REPORTING NOTES AND CONVENTIONS (Cont.):**

**Blanks (Cont.):**

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the blank results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

**Preparation Notes:**

**Mixed Matrix Samples:**

**Water Samples:**

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

**Soil and Sediment Samples:**

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

**Sampling and Preservation Notes:**

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

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**Bridgewater Group**

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Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0365 - 06 13 18 1439**

**LABORATORY ACCREDITATION INFORMATION****TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039**

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

**Apex Laboratories**

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Cert?
<u>All reported analytes are included in Apex Laboratories' current ORELAP scope.</u>					

**Secondary Accreditations**

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

**Subcontract Laboratory Accreditations**

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

**Field Testing Parameters**

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

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503-718-2323

EPA ID: OR01039

Bridgewater Group

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: Bors Property PGE

Project Number: PGE-036

Project Manager: Aaron Leritz

Report ID:

A8F0365 - 06 13 18 1439

CHAIN OF CUSTODY

Lab # A8F0365 COC 1 of 1

PO#

Company: Bridgewater Group Project Mgr: Aaron Leritz Project Name: BORS Project # PGE-036

Address: 7100 SW Hampton St. Suite 235 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Sampled by: J. Pounds

LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	ANALYSIS REQUEST
1	6/16/18	400	S	1	8082 PCBs X
2					
3					
4					
5					
6					
7					
8					
9					
10					

Normal Turn Around Time (TAT) = 10 Business Days

YES NO

TAT Requested (circle) 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: \_\_\_\_\_

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: [Signature] Date: 6/16/18

RECEIVED BY: Signature: [Signature] Date: 6/16/18

Printed Name: Justin Pounds Time: 8:00 Printed Name: [Signature] Time: 8:00

Company: Bridgewater Company: Apex

Apex Laboratories

*Lisa A. Domenighini*

Lisa Domenighini, Client Services Manager

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EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0365 - 06 13 18 1439****APEX LABS COOLER RECEIPT FORM**Client: Bridgewater Group Element WO#: A8 F0365Project/Project #: BORS / PGE-036**Delivery info:**Date/Time Received: 6/12/18 @ 8:05 By: [Signature]Delivered by: Apex ☒ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Swift ☐ Senvoy ☐ SDS ☐ Other ☐**Cooler Inspection** Inspected by: [Signature] : 6/12/18 @ 8:05Chain of Custody Included? Yes ☒ No ☐ Custody Seals? Yes ☐ No ☒Signed/Dated by Client? Yes ☒ No ☐Signed/Dated by Apex? Yes ☒ No ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)	<u>2-3</u>						
Received on Ice? (Y/N)	<u>(Y)</u>						
Temp. Blanks? (Y/N)	<u>(N)</u>						
Ice Type: (Gel/Real/Other)	<u>(Gel)</u>						
Condition:	<u>good</u>						
Cooler out of temp? (Y/N)	<u>(N)</u>						
Possible reason why:							
If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA							

**Samples Inspection:** Inspected by: [Signature] : 6/12/18 @ 8:05All Samples Intact? Yes ☒ No ☐ Comments: \_\_\_\_\_Bottle Labels/COCs agree? Yes ☒ No ☐ Comments: \_\_\_\_\_Containers/Volumes Received Appropriate for Analysis? Yes ☒ No ☐ Comments: \_\_\_\_\_Do VOA Vials have Visible Headspace? Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

Water Samples: pH Checked and Appropriate (except VOAs): Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

**Additional Information:** \_\_\_\_\_

Labeled by: \_\_\_\_\_ Witness: \_\_\_\_\_ Cooler Inspected by: \_\_\_\_\_ See Project Contact Form: Y

[Signature] [Signature]Client[Signature]





**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

Friday, June 15, 2018

Aaron Leritz  
Bridgewater Group  
7100 SW Hampton St. Suite 235  
Tigard, OR 97223

RE: A8F0515 - Bors Property\_PGE - Bors Property\_

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A8F0515, which was received by the laboratory on 6/14/2018 at 2:30:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

---

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

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---

Apex Laboratories

A handwritten signature in black ink that reads "Lisa A. Domenighini".

---

Lisa Domenighini, Client Services Manager

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**Bridgewater Group**

7100 SW Hampton St. Suite 235  
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Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0515 - 06 15 18 1511**

**ANALYTICAL REPORT FOR SAMPLES**

**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DU3V2	A8F0515-01	Soil	06/14/18 13:30	06/14/18 14:30

Apex Laboratories

Lisa Domenighini, Client Services Manager

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503-718-2323

EPA ID: OR01039**Bridgewater Group**

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Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0515 - 06 15 18 1511****ANALYTICAL SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU3V2 (A8F0515-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060741</b>				<b>C-07</b>
Aroclor 1016	ND	---	12.0	ug/kg dry	1	06/15/18	EPA 8082A	
Aroclor 1221	ND	---	12.0	ug/kg dry	1	06/15/18	EPA 8082A	
Aroclor 1232	ND	---	12.0	ug/kg dry	1	06/15/18	EPA 8082A	
Aroclor 1242	ND	---	12.0	ug/kg dry	1	06/15/18	EPA 8082A	
Aroclor 1248	ND	---	12.0	ug/kg dry	1	06/15/18	EPA 8082A	
Aroclor 1254	ND	---	12.0	ug/kg dry	1	06/15/18	EPA 8082A	
<b>Aroclor 1260</b>	<b>82.5</b>	---	12.0	ug/kg dry	1	06/15/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 77 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/15/18</i>	<i>EPA 8082A</i>	

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**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0515 - 06 15 18 1511**

**ANALYTICAL SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU3V2 (A8F0515-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060711</b>				
% Solids	82.0	---	1.00	% by Weight	1	06/15/18	EPA 8000C	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0515 - 06 15 18 1511****QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060741 - EPA 3546						Soil						
Blank (8060741-BLK1)		Prepared: 06/14/18 16:36 Analyzed: 06/15/18 08:27										C-07
EPA 8082A												
Aroclor 1016	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 89 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060741-BS1)		Prepared: 06/14/18 16:36 Analyzed: 06/15/18 08:45										C-07
EPA 8082A												
Aroclor 1016	184	---	10.0	ug/kg wet	1	250	---	74	47-134%	---	---	
Aroclor 1260	210	---	10.0	ug/kg wet	1	250	---	84	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 95 %		Limits: 53-120 %		Dilution: 1x						
Matrix Spike (8060741-MS1)		Prepared: 06/14/18 16:36 Analyzed: 06/15/18 09:38										C-07
QC Source Sample: DU3V2 (A8F0515-01)												
EPA 8082A												
Aroclor 1016	185	---	11.9	ug/kg dry	1	297	ND	62	47-134%	---	---	
Aroclor 1260	299	---	11.9	ug/kg dry	1	297	82.5	73	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 80 %		Limits: 53-120 %		Dilution: 1x						

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Lisa Domenighini, Client Services Manager

**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0515 - 06 15 18 1511****QUALITY CONTROL (QC) SAMPLE RESULTS****Percent Dry Weight**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
<b>Batch 8060711 - Total Solids (Dry Weight)</b>						<b>Soil</b>						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

**SAMPLE PREPARATION INFORMATION****Percent Dry Weight****Prep: Total Solids (Dry Weight)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060711</u>							
A8F0515-01	Soil	EPA 8000C	06/14/18 13:30	06/14/18 19:12			NA

**Polychlorinated Biphenyls by EPA 8082A****Prep: EPA 3546**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060741</u>							
A8F0515-01	Soil	EPA 8082A	06/14/18 13:30	06/14/18 16:36	10.2g/5mL	10g/5mL	0.98

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Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0515 - 06 15 18 1511**

**QUALIFIER DEFINITIONS**

**Client Sample and Quality Control (QC) Sample Qualifier Definitions:**

**Apex Laboratories**

C-07 Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property**Project Manager: **Aaron Leritz****Report ID:****A8F0515 - 06 15 18 1511****REPORTING NOTES AND CONVENTIONS:****Abbreviations:**

DET	Analyte DETECTED at or above the detection or reporting limit.
ND	Analyte NOT DETECTED at or above the detection or reporting limit.
NR	Result Not Reported
RPD	Relative Percent Difference

**Detection Limits: Limit of Detection (LOD)**

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

**Reporting Limits: Limit of Quantitation (LOQ)**

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

**Reporting Conventions:**

Basis: Results for soil samples are generally reported on a 100% dry weight basis.

The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")

See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

**QC Source:**

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

**Miscellaneous Notes:**

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" \*\*\* " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

**Blanks:**

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).

-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.

-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

For further details, please request a copy of this document.

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Project: **Bors Property PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0515 - 06 15 18 1511**

**REPORTING NOTES AND CONVENTIONS (Cont.):**

**Blanks (Cont.):**

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the blank results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

**Preparation Notes:**

**Mixed Matrix Samples:**

**Water Samples:**

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

**Soil and Sediment Samples:**

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

**Sampling and Preservation Notes:**

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

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Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0515 - 06 15 18 1511**

**LABORATORY ACCREDITATION INFORMATION****TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039**

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

**Apex Laboratories**

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Cert?
<u>All reported analytes are included in Apex Laboratories' current ORELAP scope.</u>					

**Secondary Accreditations**

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

**Subcontract Laboratory Accreditations**

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

**Field Testing Parameters**

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property**  
Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0515 - 06 15 18 1511**

COC 1 of 1  
Lab # **A8F0515**

**CHAIN OF CUSTODY**

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

**APEX LABS**

Company: **Bridgewater** Project Name: **Bors** Project # **70E-036**

Address: **7100 SW Hampton** Phone: Email:

Sampled by: **J. Pounds** Fax:

Site Location: **OR WA**

Other: \_\_\_\_\_

SAMPLE ID: **DU3V2**

DATE: **6/14/18** TIME: **1330** MATRIX: **S** # OF CONTAINERS: **1**

NWTPH-HCID NWTPH-DX NWTPH-CX BTEX 8260 RBDM VOCs 8260 Halo VOCs 8260 VOCs 8270 SIM PAHs 8082 PCBs 8081 Chlor. Pest RCRA Metals (8) Priority Metals (13) Ab, Sb, As, Ba, Be, Bi, Cd, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Ti, V, Zn TCLP Metals (8) 1200-COIS 1200-Z

SPECIAL INSTRUCTIONS:

Normal Turn Around Time (TAT) = 5-10 Business Days

TAT Requested (circle) **24 HR** 48 HR 72 HR 4 DAY 5 DAY Other: \_\_\_\_\_

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: *[Signature]* Date: **6/14/18** RECEIVED BY: Signature: *[Signature]* Date: **6/14/18**

Printed Name: **Justin Pounds** Time: **1430** Printed Name: **Tanna Gitting** Time: **1430**

Company: **Bridgewater Group** Company: **Apex**

Apex Laboratories

*Lisa A. Domenighini*

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Lisa Domenighini, Client Services Manager



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EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0515 - 06 15 18 1511**

**APEX LABS COOLER RECEIPT FORM**

Client: Bridgewater Element WO#: A8F0515

Project/Project #: BORS / PGE - 036

**Delivery info:**

Date/Time Received: 6/14/18 @ 14:30 By: TG

Delivered by: Apex ☐ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Swift ☐ Senvoy ☐ SDS ☐ Other ☐

**Cooler Inspection** Inspected by: TG : 6/14/18 @ 14:30

Chain of Custody Included? Yes ☒ No ☐ Custody Seals? Yes ☐ No ☒

Signed/Dated by Client? Yes ☒ No ☐

Signed/Dated by Apex? Yes ☒ No ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)	<u>1.6</u>						
Received on Ice? (Y/N)							
Temp. Blanks? (Y/N)							
Ice Type: (Gel/Real/Other)							
Condition:	<u>good</u>						

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA

**Samples Inspection:** Inspected by: TG : 6/14/18 @ 14:30

All Samples Intact? Yes ☒ No ☐ Comments:

Bottle Labels/COCs agree? Yes ☒ No ☐ Comments:

Containers/Volumes Received Appropriate for Analysis? Yes ☒ No ☐ Comments:

Do VOA Vials have Visible Headspace? Yes ☐ No ☐ NA ☒

Comments:

Water Samples: pH Checked and Appropriate (except VOAs): Yes ☐ No ☐ NA ☒

Comments:

**Additional Information:**

Labeled by:

TG

Witness:

8

Cooler Inspected by:

Client

See Project Contact Form: Y

Apex Laboratories

*Lisa A Domenighini*

Lisa Domenighini, Client Services Manager

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**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

Wednesday, June 6, 2018

Aaron Leritz  
Bridgewater Group  
7100 SW Hampton St. Suite 235  
Tigard, OR 97223

RE: A8F0096 - Bors Property\_PGE - Bors Property\_\_PGE-036

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A8F0096, which was received by the laboratory on 6/5/2018 at 11:55:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

---

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

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Apex Laboratories

A handwritten signature in black ink that reads "Lisa A. Domenighini".

---

Lisa Domenighini, Client Services Manager

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**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

**ANALYTICAL REPORT FOR SAMPLES**

**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DU4V1	A8F0096-01	Soil	06/05/18 10:00	06/05/18 11:55

Apex Laboratories

Lisa Domenighini, Client Services Manager

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EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0096 - 06 06 18 1651****ANALYTICAL SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU4V1 (A8F0096-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060401</b>				<b>C-07, Q-39</b>
Aroclor 1016	ND	---	11.1	ug/kg dry	1	06/06/18	EPA 8082A	
Aroclor 1221	ND	---	11.1	ug/kg dry	1	06/06/18	EPA 8082A	
Aroclor 1232	ND	---	11.1	ug/kg dry	1	06/06/18	EPA 8082A	
Aroclor 1242	ND	---	11.1	ug/kg dry	1	06/06/18	EPA 8082A	
Aroclor 1248	ND	---	11.1	ug/kg dry	1	06/06/18	EPA 8082A	
<b>Aroclor 1254</b>	<b>156</b>	---	11.1	ug/kg dry	1	06/06/18	EPA 8082A	<b>P-10</b>
<b>Aroclor 1260</b>	<b>232</b>	---	11.1	ug/kg dry	1	06/06/18	EPA 8082A	<b>P-10</b>
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 77 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/06/18</i>	<i>EPA 8082A</i>	

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**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

**ANALYTICAL SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU4V1 (A8F0096-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060411</b>				
% Solids	85.5	---	1.00	% by Weight	1	06/06/18	EPA 8000C	

Apex Laboratories

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7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property\_\_ PGE-036**  
Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

**QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060401 - EPA 3546						Soil						
Blank (8060401-BLK1)		Prepared: 06/05/18 14:00 Analyzed: 06/06/18 08:41										C-07
EPA 8082A												
Aroclor 1016	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 94 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060401-BS1)		Prepared: 06/05/18 14:00 Analyzed: 06/06/18 08:59										C-07
EPA 8082A												
Aroclor 1016	195	---	10.0	ug/kg wet	1	250	---	78	47-134%	---	---	
Aroclor 1260	220	---	10.0	ug/kg wet	1	250	---	88	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 96 %		Limits: 53-120 %		Dilution: 1x						
Duplicate (8060401-DUP1)		Prepared: 06/05/18 14:00 Analyzed: 06/06/18 10:10										C-07
QC Source Sample: DU4V1 (A8F0096-01)												
EPA 8082A												
Aroclor 1016	ND	---	11.1	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	11.1	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	11.1	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	11.1	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	11.1	ug/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	378	---	11.1	ug/kg dry	1	---	156	---	---	83	30%	P-10, Q-04
Aroclor 1260	420	---	11.1	ug/kg dry	1	---	232	---	---	57	30%	P-10, Q-04
Surr: Decachlorobiphenyl (Surr)		Recovery: 90 %		Limits: 53-120 %		Dilution: 1x						
Matrix Spike (8060401-MS1)		Prepared: 06/05/18 14:00 Analyzed: 06/06/18 10:10										C-07
QC Source Sample: DU4V1 (A8F0096-01)												
EPA 8082A												
Aroclor 1016	227	---	11.1	ug/kg dry	1	278	ND	82	47-134%	---	---	
Aroclor 1260	594	---	11.1	ug/kg dry	1	278	232	130	53-140%	---	---	

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Lisa Domenighini, Client Services Manager



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503-718-2323  
**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

**QUALITY CONTROL (QC) SAMPLE RESULTS**

**Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060401 - EPA 3546							Soil					
Matrix Spike (8060401-MS1)		Prepared: 06/05/18 14:00   Analyzed: 06/06/18 10:10										C-07
QC Source Sample: DU4V1 (A8F0096-01)												
Surr: Decachlorobiphenyl (Surr)		Recovery: 86 %		Limits: 53-120 %		Dilution: 1x						

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7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property\_\_ PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0096 - 06 06 18 1651****QUALITY CONTROL (QC) SAMPLE RESULTS****Percent Dry Weight**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
<b>Batch 8060411 - Total Solids (Dry Weight)</b>						<b>Soil</b>						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

**SAMPLE PREPARATION INFORMATION****Percent Dry Weight****Prep: Total Solids (Dry Weight)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060411</u>							
A8F0096-01	Soil	EPA 8000C	06/05/18 10:00	06/05/18 19:00			NA

**Polychlorinated Biphenyls by EPA 8082A****Prep: EPA 3546**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060401</u>							
A8F0096-01	Soil	EPA 8082A	06/05/18 10:00	06/05/18 14:00	10.52g/5mL	10g/5mL	0.95

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Lisa Domenighini, Client Services Manager



**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property\_\_ PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

**QUALIFIER DEFINITIONS**

**Client Sample and Quality Control (QC) Sample Qualifier Definitions:**

- C-07** Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
- P-10** Result estimated due to the presence of multiple PCB Aroclors and/or matrix interference.
- Q-04** Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
- Q-39** Results for sample duplicate are significantly higher than the sample results. See duplicate results in QC section of the report.

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EPA ID: OR01039**Bridgewater Group**

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Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property\_\_ PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0096 - 06 06 18 1651****REPORTING NOTES AND CONVENTIONS:****Abbreviations:**

DET	Analyte DETECTED at or above the detection or reporting limit.
ND	Analyte NOT DETECTED at or above the detection or reporting limit.
NR	Result Not Reported
RPD	Relative Percent Difference

**Detection Limits: Limit of Detection (LOD)**

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

**Reporting Limits: Limit of Quantitation (LOQ)**

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

**Reporting Conventions:**

Basis: Results for soil samples are generally reported on a 100% dry weight basis.

The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")

See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

**QC Source:**

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

**Miscellaneous Notes:**

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" \*\*\* " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

**Blanks:**

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).

-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.

-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

For further details, please request a copy of this document.

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Project: **Bors Property PGE**

Project Number: **Bors Property PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

**REPORTING NOTES AND CONVENTIONS (Cont.):**

**Blanks (Cont.):**

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the blank results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

**Preparation Notes:**

**Mixed Matrix Samples:**

**Water Samples:**

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

**Soil and Sediment Samples:**

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

**Sampling and Preservation Notes:**

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories

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Lisa Domenighini, Client Services Manager

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503-718-2323  
EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

**LABORATORY ACCREDITATION INFORMATION****TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039**

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

**Apex Laboratories**

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Cert?
<u>All reported analytes are included in Apex Laboratories' current ORELAP scope.</u>					

**Secondary Accreditations**

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

**Subcontract Laboratory Accreditations**

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

**Field Testing Parameters**

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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503-718-2323  
EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property PGE-036**  
Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0096 - 06 06 18 1651**

CO# 1 of 1

Lab # **A8F0096**

PO#

**CHAIN OF CUSTODY**

Company: **Bridgewater** Project Mgr: **Aaron Leritz** Project Name: **BORS** Project # **B PGE-036**

Address: **7100 SW Hampton St. Suite 235** Phone: Fax: Email: **aaron@bridgewater.com**

Sampled by: **J. Pomeroy**

ANALYSIS REQUEST

LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	YES	NO	SPECIAL INSTRUCTIONS
1 <b>BORS DUWYL</b>	<b>6/5/18</b>	<b>1000</b>	<b>S</b>	<b>1</b>			
2							
3							
4							
5							
6							
7							
8							
9							
10							

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle) **1 Day** 2 Day 3 Day 4 DAY 5 DAY Other: \_\_\_\_\_

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: **Jm** Date: **6/5/18** Signature: **[Signature]** Date: **6/5/18**

RECEIVED BY: **Just in Pomeroy** Date: **6/5/18** Signature: **[Signature]** Date: **6/5/18**

Printed Name: **Just in Pomeroy** Time: **1155** Printed Name: **Aaron Leritz** Time: **1155**

Company: **Bridgewater** Company: **Apex Labs**

Apex Laboratories

*Lisa Domenighini*

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Lisa Domenighini, Client Services Manager

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0096 - 06 06 18 1651****APEX LABS COOLER RECEIPT FORM**Client: Bridgewater Element WO#: A8 F0096Project/Project #: BORS / PGE-036**Delivery info:**Date/Time Received: 4/5/18 @ 1155 By: AKKDelivered by: Apex ☐ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Swift ☐ Senvoy ☐ SDS ☐ Other ☐**Cooler Inspection** Inspected by: AKK : 4/5/18 @ 1200Chain of Custody Included? Yes ☒ No ☐ Custody Seals? Yes ☐ No ☒Signed/Dated by Client? Yes ☒ No ☐Signed/Dated by Apex? Yes ☒ No ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)	<u>0.1</u>						

Received on Ice? ☒ (Y/N)Temp. Blanks? ☒ (Y/N)Ice Type: ☒ Gel/Real/OtherCondition: goodCooler out of temp? ☒ (Y/N) Possible reason why: \_\_\_\_\_If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA ☒**Samples Inspection:** Inspected by: AKK : 4/5/18 @ 1200All Samples Intact? Yes ☒ No ☐ Comments: \_\_\_\_\_Bottle Labels/COCs agree? Yes ☒ No ☐ Comments: \_\_\_\_\_Containers/Volumes Received Appropriate for Analysis? Yes ☒ No ☐ Comments: \_\_\_\_\_Do VOA Vials have Visible Headspace? Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

Water Samples: pH Checked and Appropriate (except VOAs): Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

**Additional Information:** \_\_\_\_\_Labeled by: AKK Witness: AKK Cooler Inspected by: Client See Project Contact Form: Y





AMENDED REPORT

Apex Laboratories, LLC

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

Tuesday, June 19, 2018

Aaron Leritz  
Bridgewater Group  
7100 SW Hampton St. Suite 235  
Tigard, OR 97223

RE: A8F0223 - Bors Property\_PGE - PGE-036

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A8F0223, which was received by the laboratory on 6/8/2018 at 9:56:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

---

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

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Apex Laboratories

A handwritten signature in black ink that reads "Lisa A. Domenighini".

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Lisa Domenighini, Client Services Manager

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**Apex Laboratories, LLC**

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503-718-2323  
EPA ID: OR01039

AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**ANALYTICAL REPORT FOR SAMPLES**

**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DU4 Vault Stockpile	A8F0223-01	Soil	06/07/18 15:45	06/08/18 09:56
DU4 Vault SS	A8F0223-02	Soil	06/07/18 16:20	06/08/18 09:56
DU4 Vault Bottom	A8F0223-03	Soil	06/07/18 16:15	06/08/18 09:56
DU4 Vault SE	A8F0223-04	Soil	06/07/18 16:40	06/08/18 09:56
DU4 Vault SW	A8F0223-05	Soil	06/07/18 16:30	06/08/18 09:56
DU4 Vault SN	A8F0223-06	Soil	06/07/18 16:35	06/08/18 09:56
DU4V2	A8F0223-07	Soil	06/07/18 16:58	06/08/18 09:56

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Lisa Domenighini, Client Services Manager

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AMENDED REPORT

Bridgewater Group

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: Bors Property\_PGE

Project Number: PGE-036

Project Manager: Aaron Leritz

Report ID:

A8F0223 - 06 19 18 0903

ANALYTICAL CASE NARRATIVE

Work Order: A8F0223

Amended Report Revision 1:

Additional Data-

This report supersedes all previous reports.

The final report has been amended to include additional TCLP chromium (Cr) data by EPA methods 1311/6020 to sample DU4 Stockpile.

Lisa Domenighini  
Client Services Manager  
6-15-18

Apex Laboratories

Lisa Domenighini, Client Services Manager

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## AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0223 - 06 19 18 0903**

## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU4 Vault Stockpile (A8F0223-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060503</b>		<b>V-15</b>		
Acetone	ND	---	1130	ug/kg dry	50	06/08/18	5035A/8260C	
Acrylonitrile	ND	---	113	ug/kg dry	50	06/08/18	5035A/8260C	
Benzene	ND	---	11.3	ug/kg dry	50	06/08/18	5035A/8260C	
Bromobenzene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Bromochloromethane	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Bromodichloromethane	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Bromoform	ND	---	113	ug/kg dry	50	06/08/18	5035A/8260C	
Bromomethane	ND	---	565	ug/kg dry	50	06/08/18	5035A/8260C	
2-Butanone (MEK)	ND	---	565	ug/kg dry	50	06/08/18	5035A/8260C	
n-Butylbenzene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
sec-Butylbenzene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
tert-Butylbenzene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Carbon disulfide	ND	---	565	ug/kg dry	50	06/08/18	5035A/8260C	
Carbon tetrachloride	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Chlorobenzene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Chloroethane	ND	---	565	ug/kg dry	50	06/08/18	5035A/8260C	
Chloroform	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Chloromethane	ND	---	283	ug/kg dry	50	06/08/18	5035A/8260C	
2-Chlorotoluene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
4-Chlorotoluene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Dibromochloromethane	ND	---	113	ug/kg dry	50	06/08/18	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	283	ug/kg dry	50	06/08/18	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Dibromomethane	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
1,2-Dichlorobenzene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,3-Dichlorobenzene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,4-Dichlorobenzene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Dichlorodifluoromethane	ND	---	113	ug/kg dry	50	06/08/18	5035A/8260C	
1,1-Dichloroethane	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,1-Dichloroethene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,2-Dichloropropane	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,3-Dichloropropane	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
2,2-Dichloropropane	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
1,1-Dichloropropene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	

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Lisa Domenighini, Client Services Manager

**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039

**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0223 - 06 19 18 0903****ANALYTICAL SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU4 Vault Stockpile (A8F0223-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060503</b>		<b>V-15</b>		
Ethylbenzene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Hexachlorobutadiene	ND	---	113	ug/kg dry	50	06/08/18	5035A/8260C	
2-Hexanone	ND	---	565	ug/kg dry	50	06/08/18	5035A/8260C	
Isopropylbenzene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
4-Isopropyltoluene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Methylene chloride	ND	---	283	ug/kg dry	50	06/08/18	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	565	ug/kg dry	50	06/08/18	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Naphthalene	ND	---	113	ug/kg dry	50	06/08/18	5035A/8260C	
n-Propylbenzene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Styrene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Toluene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	283	ug/kg dry	50	06/08/18	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	283	ug/kg dry	50	06/08/18	5035A/8260C	
1,1,1-Trichloroethane	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
1,1,2-Trichloroethane	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Trichloroethene (TCE)	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Trichlorofluoromethane	ND	---	113	ug/kg dry	50	06/08/18	5035A/8260C	
1,2,3-Trichloropropane	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
Vinyl chloride	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
m,p-Xylene	ND	---	56.5	ug/kg dry	50	06/08/18	5035A/8260C	
o-Xylene	ND	---	28.3	ug/kg dry	50	06/08/18	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	93 %	Limits:	80-120 %	1	06/08/18	5035A/8260C
Toluene-d8 (Surr)			103 %		80-120 %	1	06/08/18	5035A/8260C
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	06/08/18	5035A/8260C

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Lisa Domenighini, Client Services Manager





**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039

**AMENDED REPORT**

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**ANALYTICAL SAMPLE RESULTS**

**Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU4 Vault Stockpile (A8F0223-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060506</b>		<b>C-07</b>		
Aroclor 1016	ND	---	10.2	ug/kg dry	1	06/09/18	EPA 8082A	
Aroclor 1221	ND	---	10.2	ug/kg dry	1	06/09/18	EPA 8082A	
Aroclor 1232	ND	---	10.2	ug/kg dry	1	06/09/18	EPA 8082A	
Aroclor 1242	ND	---	10.2	ug/kg dry	1	06/09/18	EPA 8082A	
Aroclor 1248	ND	---	10.2	ug/kg dry	1	06/09/18	EPA 8082A	
Aroclor 1254	ND	---	10.2	ug/kg dry	1	06/09/18	EPA 8082A	
<b>Aroclor 1260</b>	<b>40.8</b>	---	10.2	ug/kg dry	1	06/09/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 105 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/09/18</i>	<i>EPA 8082A</i>	
<b>DU4V2 (A8F0223-07RE1)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060506</b>		<b>C-07</b>		
Aroclor 1016	ND	---	12.0	ug/kg dry	1	06/11/18	EPA 8082A	
Aroclor 1221	ND	---	12.0	ug/kg dry	1	06/11/18	EPA 8082A	
Aroclor 1232	ND	---	12.0	ug/kg dry	1	06/11/18	EPA 8082A	
Aroclor 1242	ND	---	12.0	ug/kg dry	1	06/11/18	EPA 8082A	
Aroclor 1248	ND	---	12.0	ug/kg dry	1	06/11/18	EPA 8082A	
Aroclor 1254	ND	---	12.0	ug/kg dry	1	06/11/18	EPA 8082A	
<b>Aroclor 1260</b>	<b>52.0</b>	---	12.0	ug/kg dry	1	06/11/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 78 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/11/18</i>	<i>EPA 8082A</i>	

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Lisa Domenighini, Client Services Manager

**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0223 - 06 19 18 0903****ANALYTICAL SAMPLE RESULTS****Total Metals by EPA 6020 (ICPMS)**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DU4 Vault Stockpile (A8F0223-01)		Matrix: Soil						
Batch: 8060559								
Arsenic	42.5	---	5.28	mg/kg dry	50	06/11/18	EPA 6020A	
Barium	15.7	---	5.28	mg/kg dry	50	06/11/18	EPA 6020A	
Cadmium	ND	---	1.06	mg/kg dry	50	06/11/18	EPA 6020A	R-04
Chromium	617	---	5.28	mg/kg dry	50	06/11/18	EPA 6020A	
Lead	4.38	---	1.06	mg/kg dry	50	06/11/18	EPA 6020A	
Mercury	ND	---	0.422	mg/kg dry	50	06/11/18	EPA 6020A	R-04
Selenium	ND	---	5.28	mg/kg dry	50	06/11/18	EPA 6020A	R-04
Silver	ND	---	1.06	mg/kg dry	50	06/11/18	EPA 6020A	R-04

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12232 S.W. Garden Place

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503-718-2323

EPA ID: OR01039

AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**ANALYTICAL SAMPLE RESULTS**

**TCLP Metals by EPA 6020 (ICPMS)**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DU4 Vault Stockpile (A8F0223-01)		Matrix: Soil						
Batch: 8060750								
Chromium	ND	---	0.100	mg/L	5	06/15/18	1311/6020A	

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Lisa Domenighini, Client Services Manager

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AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**ANALYTICAL SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU4 Vault Stockpile (A8F0223-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060517</b>				
% Solids	91.4	---	1.00	% by Weight	1	06/11/18	EPA 8000C	
<b>DU4V2 (A8F0223-07)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060517</b>				
% Solids	80.8	---	1.00	% by Weight	1	06/11/18	EPA 8000C	

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12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz**

Report ID:

**A8F0223 - 06 19 18 0903****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060503 - EPA 5035A						Soil						
Blank (8060503-BLK1)		Prepared: 06/08/18 08:30   Analyzed: 06/08/18 10:59										
5035A/8260C												
Acetone	ND	---	667	ug/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	6.67	ug/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	

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Lisa Domenighini, Client Services Manager



## AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: PGE-036

Project Manager: Aaron Leritz

Report ID:

A8F0223 - 06 19 18 0903

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060503 - EPA 5035A						Soil						
Blank (8060503-BLK1)		Prepared: 06/08/18 08:30   Analyzed: 06/08/18 10:59										
1,2-Dichloropropane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	

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Lisa Domenighini, Client Services Manager

**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz**

Report ID:

**A8F0223 - 06 19 18 0903****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060503 - EPA 5035A							Soil					
Blank (8060503-BLK1)		Prepared: 06/08/18 08:30		Analyzed: 06/08/18 10:59								
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 98 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		105 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		94 %		80-120 %		"						
LCS (8060503-BS1)		Prepared: 06/08/18 08:30		Analyzed: 06/08/18 10:05								
5035A/8260C												
Acetone	1940	---	1000	ug/kg wet	50	2000	---	97	80-120%	---	---	
Acrylonitrile	1020	---	100	ug/kg wet	50	1000	---	102	80-120%	---	---	
Benzene	948	---	10.0	ug/kg wet	50	1000	---	95	80-120%	---	---	
Bromobenzene	954	---	25.0	ug/kg wet	50	1000	---	95	80-120%	---	---	
Bromochloromethane	1160	---	50.0	ug/kg wet	50	1000	---	116	80-120%	---	---	
Bromodichloromethane	1050	---	50.0	ug/kg wet	50	1000	---	105	80-120%	---	---	
Bromoform	1150	---	100	ug/kg wet	50	1000	---	115	80-120%	---	---	
Bromomethane	1090	---	500	ug/kg wet	50	1000	---	109	80-120%	---	---	
2-Butanone (MEK)	1900	---	500	ug/kg wet	50	2000	---	95	80-120%	---	---	
n-Butylbenzene	1040	---	50.0	ug/kg wet	50	1000	---	104	80-120%	---	---	
sec-Butylbenzene	1060	---	50.0	ug/kg wet	50	1000	---	106	80-120%	---	---	
tert-Butylbenzene	1030	---	50.0	ug/kg wet	50	1000	---	103	80-120%	---	---	
Carbon disulfide	1110	---	500	ug/kg wet	50	1000	---	111	80-120%	---	---	
Carbon tetrachloride	1060	---	50.0	ug/kg wet	50	1000	---	106	80-120%	---	---	
Chlorobenzene	1030	---	25.0	ug/kg wet	50	1000	---	103	80-120%	---	---	
Chloroethane	1390	---	500	ug/kg wet	50	1000	---	139	80-120%	---	---	Q-56
Chloroform	970	---	50.0	ug/kg wet	50	1000	---	97	80-120%	---	---	
Chloromethane	1020	---	250	ug/kg wet	50	1000	---	102	80-120%	---	---	
2-Chlorotoluene	968	---	50.0	ug/kg wet	50	1000	---	97	80-120%	---	---	
4-Chlorotoluene	1040	---	50.0	ug/kg wet	50	1000	---	104	80-120%	---	---	
Dibromochloromethane	1280	---	100	ug/kg wet	50	1000	---	128	80-120%	---	---	Q-56
1,2-Dibromo-3-chloropropane	1070	---	250	ug/kg wet	50	1000	---	107	80-120%	---	---	
1,2-Dibromoethane (EDB)	1020	---	50.0	ug/kg wet	50	1000	---	102	80-120%	---	---	
Dibromomethane	964	---	50.0	ug/kg wet	50	1000	---	96	80-120%	---	---	
1,2-Dichlorobenzene	995	---	25.0	ug/kg wet	50	1000	---	100	80-120%	---	---	
1,3-Dichlorobenzene	1040	---	25.0	ug/kg wet	50	1000	---	104	80-120%	---	---	
1,4-Dichlorobenzene	1010	---	25.0	ug/kg wet	50	1000	---	101	80-120%	---	---	
Dichlorodifluoromethane	1040	---	100	ug/kg wet	50	1000	---	104	80-120%	---	---	

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Lisa Domenighini, Client Services Manager



## AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz**

Report ID:

A8F0223 - 06 19 18 0903

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
<b>Batch 8060503 - EPA 5035A</b>						<b>Soil</b>						
<b>LCS (8060503-BS1)</b>						Prepared: 06/08/18 08:30 Analyzed: 06/08/18 10:05						
1,1-Dichloroethane	1060	---	25.0	ug/kg wet	50	1000	---	106	80-120%	---	---	Q-56
1,2-Dichloroethane (EDC)	1110	---	25.0	ug/kg wet	50	1000	---	111	80-120%	---	---	
1,1-Dichloroethene	1380	---	25.0	ug/kg wet	50	1000	---	<b>138</b>	<b>80-120%</b>	---	---	
cis-1,2-Dichloroethene	1010	---	25.0	ug/kg wet	50	1000	---	101	80-120%	---	---	
trans-1,2-Dichloroethene	1070	---	25.0	ug/kg wet	50	1000	---	107	80-120%	---	---	
1,2-Dichloropropane	1110	---	25.0	ug/kg wet	50	1000	---	111	80-120%	---	---	Q-56
1,3-Dichloropropane	1090	---	50.0	ug/kg wet	50	1000	---	109	80-120%	---	---	
2,2-Dichloropropane	1030	---	50.0	ug/kg wet	50	1000	---	103	80-120%	---	---	
1,1-Dichloropropene	950	---	50.0	ug/kg wet	50	1000	---	95	80-120%	---	---	
cis-1,3-Dichloropropene	1070	---	50.0	ug/kg wet	50	1000	---	107	80-120%	---	---	
trans-1,3-Dichloropropene	1190	---	50.0	ug/kg wet	50	1000	---	119	80-120%	---	---	
Ethylbenzene	1030	---	25.0	ug/kg wet	50	1000	---	103	80-120%	---	---	
Hexachlorobutadiene	980	---	100	ug/kg wet	50	1000	---	98	80-120%	---	---	
2-Hexanone	2230	---	500	ug/kg wet	50	2000	---	111	80-120%	---	---	
Isopropylbenzene	988	---	50.0	ug/kg wet	50	1000	---	99	80-120%	---	---	
4-Isopropyltoluene	1020	---	50.0	ug/kg wet	50	1000	---	102	80-120%	---	---	
Methylene chloride	926	---	250	ug/kg wet	50	1000	---	93	80-120%	---	---	
4-Methyl-2-pentanone (MiBK)	2270	---	500	ug/kg wet	50	2000	---	114	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	938	---	50.0	ug/kg wet	50	1000	---	94	80-120%	---	---	
Naphthalene	884	---	100	ug/kg wet	50	1000	---	88	80-120%	---	---	
n-Propylbenzene	1080	---	25.0	ug/kg wet	50	1000	---	108	80-120%	---	---	
Styrene	983	---	50.0	ug/kg wet	50	1000	---	98	80-120%	---	---	
1,1,1,2-Tetrachloroethane	1070	---	25.0	ug/kg wet	50	1000	---	107	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1140	---	50.0	ug/kg wet	50	1000	---	114	80-120%	---	---	
Tetrachloroethene (PCE)	943	---	25.0	ug/kg wet	50	1000	---	94	80-120%	---	---	
Toluene	1060	---	50.0	ug/kg wet	50	1000	---	106	80-120%	---	---	
1,2,3-Trichlorobenzene	874	---	250	ug/kg wet	50	1000	---	87	80-120%	---	---	
1,2,4-Trichlorobenzene	836	---	250	ug/kg wet	50	1000	---	84	80-120%	---	---	
1,1,1-Trichloroethane	1010	---	25.0	ug/kg wet	50	1000	---	101	80-120%	---	---	
1,1,2-Trichloroethane	1050	---	25.0	ug/kg wet	50	1000	---	105	80-120%	---	---	
Trichloroethene (TCE)	912	---	25.0	ug/kg wet	50	1000	---	91	80-120%	---	---	
Trichlorofluoromethane	1880	---	100	ug/kg wet	50	1000	---	<b>188</b>	<b>80-120%</b>	---	---	Q-56
1,2,3-Trichloropropane	1030	---	50.0	ug/kg wet	50	1000	---	103	80-120%	---	---	

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Lisa Domenighini, Client Services Manager





## AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz**

Report ID:

A8F0223 - 06 19 18 0903

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060503 - EPA 5035A						Soil						
LCS (8060503-BS1)		Prepared: 06/08/18 08:30		Analyzed: 06/08/18 10:05								
1,2,4-Trimethylbenzene	975	---	50.0	ug/kg wet	50	1000	---	98	80-120%	---	---	
1,3,5-Trimethylbenzene	1010	---	50.0	ug/kg wet	50	1000	---	101	80-120%	---	---	
Vinyl chloride	1170	---	25.0	ug/kg wet	50	1000	---	117	80-120%	---	---	
m,p-Xylene	2090	---	50.0	ug/kg wet	50	2000	---	105	80-120%	---	---	
o-Xylene	955	---	25.0	ug/kg wet	50	1000	---	96	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 101 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		107 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		93 %		80-120 %		"						

**Duplicate (8060503-DUP1)**

Prepared: 06/08/18 11:19 Analyzed: 06/08/18 17:17

V-15

**QC Source Sample: DU4 Vault Stockpile (A8F0223-01)**

## 5035A/8260C

Acetone	ND	---	1160	ug/kg dry	50	---	ND	---	---	---	30%
Acrylonitrile	ND	---	116	ug/kg dry	50	---	ND	---	---	---	30%
Benzene	ND	---	11.6	ug/kg dry	50	---	ND	---	---	---	30%
Bromobenzene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%
Bromochloromethane	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
Bromodichloromethane	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
Bromoform	ND	---	116	ug/kg dry	50	---	ND	---	---	---	30%
Bromomethane	ND	---	579	ug/kg dry	50	---	ND	---	---	---	30%
2-Butanone (MEK)	ND	---	579	ug/kg dry	50	---	ND	---	---	---	30%
n-Butylbenzene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
sec-Butylbenzene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
tert-Butylbenzene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
Carbon disulfide	ND	---	579	ug/kg dry	50	---	ND	---	---	---	30%
Carbon tetrachloride	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
Chlorobenzene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%
Chloroethane	ND	---	579	ug/kg dry	50	---	ND	---	---	---	30%
Chloroform	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
Chloromethane	ND	---	290	ug/kg dry	50	---	ND	---	---	---	30%
2-Chlorotoluene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
4-Chlorotoluene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%
Dibromochloromethane	ND	---	116	ug/kg dry	50	---	ND	---	---	---	30%
1,2-Dibromo-3-chloropropane	ND	---	290	ug/kg dry	50	---	ND	---	---	---	30%

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Lisa Domenighini, Client Services Manager



## AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz**

Report ID:

A8F0223 - 06 19 18 0903

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 5035A/8260C

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060503 - EPA 5035A							Soil					
Duplicate (8060503-DUP1)			Prepared: 06/08/18 11:19		Analyzed: 06/08/18 17:17		V-15					
QC Source Sample: DU4 Vault Stockpile (A8F0223-01)												
1,2-Dibromoethane (EDB)	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	116	ug/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	116	ug/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	579	ug/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	290	ug/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	579	ug/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	116	ug/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	

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Lisa Domenighini, Client Services Manager

**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0223 - 06 19 18 0903****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060503 - EPA 5035A							Soil					
Duplicate (8060503-DUP1)			Prepared: 06/08/18 11:19		Analyzed: 06/08/18 17:17		V-15					
QC Source Sample: DU4 Vault Stockpile (A8F0223-01)												
1,2,3-Trichlorobenzene	ND	---	290	ug/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	290	ug/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	116	ug/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	57.9	ug/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	29.0	ug/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)			Recovery: 94 %		Limits: 80-120 %		Dilution: 1x					
Toluene-d8 (Surr)			102 %		80-120 %		"					
4-Bromofluorobenzene (Surr)			100 %		80-120 %		"					

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**Apex Laboratories, LLC**

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Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0223 - 06 19 18 0903****QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060506 - EPA 3546						Soil						
Blank (8060506-BLK1)		Prepared: 06/08/18 09:32		Analyzed: 06/08/18 15:21							C-07	
EPA 8082A												
Aroclor 1016	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 94 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060506-BS1)		Prepared: 06/08/18 09:32		Analyzed: 06/08/18 15:39							C-07	
EPA 8082A												
Aroclor 1016	209	---	10.0	ug/kg wet	1	250	---	83	47-134%	---	---	
Aroclor 1260	228	---	10.0	ug/kg wet	1	250	---	91	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 93 %		Limits: 53-120 %		Dilution: 1x						

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503-718-2323  
EPA ID: OR01039

**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0223 - 06 19 18 0903****QUALITY CONTROL (QC) SAMPLE RESULTS****Total Metals by EPA 6020 (ICPMS)**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060559 - EPA 3051A						Soil						
Blank (8060559-BLK1)		Prepared: 06/11/18 09:09 Analyzed: 06/11/18 16:34										
EPA 6020A												
Arsenic	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0769	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (8060559-BS1)		Prepared: 06/11/18 09:09 Analyzed: 06/11/18 16:38										
EPA 6020A												
Arsenic	48.7	---	1.00	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Barium	50.8	---	1.00	mg/kg wet	10	50.0	---	102	80-120%	---	---	
Cadmium	49.2	---	0.200	mg/kg wet	10	50.0	---	98	80-120%	---	---	
Chromium	48.5	---	1.00	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Lead	51.7	---	0.200	mg/kg wet	10	50.0	---	103	80-120%	---	---	
Mercury	1.05	---	0.0800	mg/kg wet	10	1.00	---	105	80-120%	---	---	
Selenium	25.0	---	1.00	mg/kg wet	10	25.0	---	100	80-120%	---	---	
Silver	26.0	---	0.200	mg/kg wet	10	25.0	---	104	80-120%	---	---	

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Lisa Domenighini, Client Services Manager



**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0223 - 06 19 18 0903****QUALITY CONTROL (QC) SAMPLE RESULTS****TCLP Metals by EPA 6020 (ICPMS)**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060750 - EPA 1311/3015							Soil					
Blank (8060750-BLK1)		Prepared: 06/15/18 08:22   Analyzed: 06/15/18 13:30										
1311/6020A												
Chromium	ND	---	0.100	mg/L	5	---	---	---	---	---	---	TCLP
LCS (8060750-BS1)		Prepared: 06/15/18 08:22   Analyzed: 06/15/18 13:34										
1311/6020A												
Chromium	2.52	---	0.100	mg/L	5	2.50	---	101	80-120%	---	---	TCLP
Matrix Spike (8060750-MS1)		Prepared: 06/15/18 08:22   Analyzed: 06/15/18 13:43										
QC Source Sample: DU4 Vault Stockpile (A8F0223-01)												
1311/6020A												
Chromium	2.36	---	0.100	mg/L	5	2.50	ND	94	50-150%	---	---	

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Lisa Domenighini, Client Services Manager

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12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**QUALITY CONTROL (QC) SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	--------------------	-------	----------	-----------------	------------------	-------	-----------------	-----	--------------	-------

**Batch 8060517 - Total Solids (Dry Weight)**

**Soil**

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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Lisa Domenighini, Client Services Manager

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## AMENDED REPORT

**Bridgewater Group**7100 SW Hampton St. Suite 235  
Tigard, OR 97223Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz**

Report ID:

A8F0223 - 06 19 18 0903

## SAMPLE PREPARATION INFORMATION

## Percent Dry Weight

## Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 8060517							
A8F0223-01	Soil	EPA 8000C	06/07/18 15:45	06/08/18 11:02			NA
A8F0223-07	Soil	EPA 8000C	06/07/18 16:58	06/08/18 11:02			NA

## Polychlorinated Biphenyls by EPA 8082A

## Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 8060506							
A8F0223-01	Soil	EPA 8082A	06/07/18 15:45	06/08/18 13:38	10.73g/5mL	10g/5mL	0.93
A8F0223-07RE1	Soil	EPA 8082A	06/07/18 16:58	06/08/18 13:38	10.3g/5mL	10g/5mL	0.97

## TCLP Metals by EPA 6020 (ICPMS)

## Prep: EPA 1311/3015

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 8060750							
A8F0223-01	Soil	1311/6020A	06/07/18 15:45	06/15/18 08:22	5mL/50mL	5mL/50mL	1.00

## Total Metals by EPA 6020 (ICPMS)

## Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 8060559							
A8F0223-01	Soil	EPA 6020A	06/07/18 15:45	06/11/18 09:09	0.518g/50mL	0.5g/50mL	0.97

## Volatile Organic Compounds by EPA 5035A/8260C

## Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 8060503							
A8F0223-01	Soil	5035A/8260C	06/07/18 15:45	06/08/18 11:19	5.28g/5mL	5g/5mL	0.95

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**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

**AMENDED REPORT**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**QUALIFIER DEFINITIONS**

**Client Sample and Quality Control (QC) Sample Qualifier Definitions:**

**Apex Laboratories**

- C-07** Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
- Q-56** Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C
- R-04** Reporting levels elevated due to dilution necessary for analysis.
- TCLP** This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 8060732.
- V-15** Sample aliquot was subsampled from the sample container. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**AMENDED REPORT**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**REPORTING NOTES AND CONVENTIONS:**

**Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.  
ND Analyte NOT DETECTED at or above the detection or reporting limit.  
NR Result Not Reported  
RPD Relative Percent Difference

**Detection Limits: Limit of Detection (LOD)**

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).  
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

**Reporting Limits: Limit of Quantitation (LOQ)**

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

**Reporting Conventions:**

Basis: Results for soil samples are generally reported on a 100% dry weight basis.  
The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")  
See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

**QC Source:**

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

**Miscellaneous Notes:**

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" \*\*\* " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

**Blanks:**

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).  
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.  
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.  
For further details, please request a copy of this document.

Apex Laboratories

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Lisa Domenighini, Client Services Manager





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**AMENDED REPORT**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**REPORTING NOTES AND CONVENTIONS (Cont.):**

**Blanks (Cont.):**

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the blank results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

**Preparation Notes:**

**Mixed Matrix Samples:**

**Water Samples:**

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

**Soil and Sediment Samples:**

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

**Sampling and Preservation Notes:**

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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**AMENDED REPORT****Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0223 - 06 19 18 0903**

**LABORATORY ACCREDITATION INFORMATION****TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039**

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

**Apex Laboratories**

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Cert?
<u>All reported analytes are included in Apex Laboratories' current ORELAP scope.</u>					

**Secondary Accreditations**

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

**Subcontract Laboratory Accreditations**

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

**Field Testing Parameters**

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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AMENDED REPORT

Apex Laboratories, LLC

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039

Bridgewater Group

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: Bors Property PGE

Project Number: PGE-036

Project Manager: Aaron Leritz

Report ID:

A8F0223 - 06 19 18 0903

CHAIN OF CUSTODY

Lab # A8F0223 COC 1 of 1

PO#

Company: Bridgewater Group Inc. Project Mgr: Aaron Leritz Project Name: Bors Property Project # PGE-036

Address: 7100 SW Hampton St. Suite 235, Tigard, OR 97223 Phone: 503-675-5352 Fax: 503-675-5352 Email: apex@bridgewater.com

Sampled by: Aaron Leritz

LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-ACID	NWTPH-DX	NWTPH-GX	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCS	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	AL, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Fe, Mn, Ni, Se, Ag, Na, TL, V, Zn	1200- COIS	1200- Z
DUT Vault 11 Sample	6/7/18	1545	S	2	X			X						X						
DUT Vault 11 SS	6/7/18	1620	S	1																(archive)
DUT Vault 11 Bottom	6/7/18	1615	S	1																(archive)
DUT Vault 11 SE	6/7/18	1640	S	1																(archive)
DUT Vault 11 SW	6/7/18	1630	S	1																(archive)
DUT Vault 11 SN	6/7/18	1635	S	1																(archive)
DUT V1	6/7/18	1658	S	1										X						(archive)

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle) 1 Day

RECEIVED BY: Apex Date: 6/18/18 Signature: [Signature]

RELINQUISHED BY: Aaron Leritz Date: 6/18/18 Signature: [Signature]

Printed Name: Aaron Leritz Time: 9:52 AM Printed Name: Kishan Time: 9:52

Company: Bridgewater Company: Apex

Apex Laboratories

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*Lisa A. Domenighini*

Lisa Domenighini, Client Services Manager



Apex Laboratories, LLC

12232 S.W. Garden Place  
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503-718-2323  
EPA ID: OR01039

AMENDED REPORT

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: PGE-036

Project Manager: Aaron Leritz

Report ID:

A8F0223 - 06 19 18 0903

**APEX LABS COOLER RECEIPT FORM**

Client: Bridgewater Element WO#: A8 F0223

Project/Project #: Bors Property (PGE-036)

**Delivery info:**

Date/Time Received: 6/8/18 @ 9:50 By: MS

Delivered by: Apex ☐ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Swift ☐ Senvoy ☐ SDS ☐ Other ☐

**Cooler Inspection** Inspected by: MS : 6/8/18 @ 9:50

Chain of Custody Included? Yes ☒ No ☐ Custody Seals? Yes ☐ No ☒

Signed/Dated by Client? Yes ☒ No ☐

Signed/Dated by Apex? Yes ☒ No ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)	<u>4-6</u>						

Received on Ice? (Y/N) (Y)

Temp. Blanks? (Y/N) (Y)

Ice Type: (Gel/Real/Other) (Real)

Condition: Good

Cooler out of temp? (Y/N) Possible reason why: (N)

If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA (NA)

**Samples Inspection:** Inspected by: (MS) : 6/8/18 @ 10:25

All Samples Intact? Yes ☒ No ☐ Comments: \_\_\_\_\_

Bottle Labels/COCs agree? Yes ☒ No ☐ Comments: \_\_\_\_\_

Containers/Volumes Received Appropriate for Analysis? Yes ☒ No ☐ Comments: \_\_\_\_\_

Do VOA Vials have Visible Headspace? Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

Water Samples: pH Checked and Appropriate (except VOAs): Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

**Additional Information:** \_\_\_\_\_

Labeled by: (MS) Witness: (MS) Cooler Inspected by: KRS See Project Contact Form: Y

Apex Laboratories

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*Lisa A. Domenighini*

Lisa Domenighini, Client Services Manager



Apex Laboratories, LLC

12232 S.W. Garden Place  
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503-718-2323  
EPA ID: OR01039

Monday, June 11, 2018

Aaron Leritz  
Bridgewater Group  
7100 SW Hampton St. Suite 235  
Tigard, OR 97223

RE: A8F0197 - Bors Property\_PGE - PGE-036

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A8F0197, which was received by the laboratory on 6/7/2018 at 1:30:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

---

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

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Apex Laboratories

A handwritten signature in black ink that reads "Lisa A. Domenighini".

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Lisa Domenighini, Client Services Manager

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**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0197 - 06 11 18 1618**

**ANALYTICAL REPORT FOR SAMPLES**

**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DU7V1	A8F0197-01	Soil	06/07/18 11:46	06/07/18 13:30
DU5V1	A8F0197-02	Soil	06/07/18 12:30	06/07/18 13:30

Apex Laboratories

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EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0197 - 06 11 18 1618****ANALYTICAL SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU7V1 (A8F0197-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060485</b>		<b>C-07</b>		
Aroclor 1016	ND	---	10.6	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1221	ND	---	10.6	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1232	ND	---	10.6	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1242	ND	---	10.6	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1248	ND	---	10.6	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1254	ND	---	10.6	ug/kg dry	1	06/08/18	EPA 8082A	
<b>Aroclor 1260</b>	<b>112</b>	---	10.6	ug/kg dry	1	06/08/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 78 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/08/18</i>	<i>EPA 8082A</i>	
<b>DU5V1 (A8F0197-02)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060485</b>		<b>C-07</b>		
Aroclor 1016	ND	---	10.9	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1221	ND	---	10.9	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1232	ND	---	10.9	ug/kg dry	1	06/08/18	EPA 8082A	
<b>Aroclor 1242</b>	<b>36.6</b>	---	10.9	ug/kg dry	1	06/08/18	EPA 8082A	<b>P-09</b>
Aroclor 1248	ND	---	10.9	ug/kg dry	1	06/08/18	EPA 8082A	
Aroclor 1254	ND	---	10.9	ug/kg dry	1	06/08/18	EPA 8082A	
<b>Aroclor 1260</b>	<b>186</b>	---	10.9	ug/kg dry	1	06/08/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 80 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/08/18</i>	<i>EPA 8082A</i>	

Apex Laboratories

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Lisa Domenighini, Client Services Manager



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**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0197 - 06 11 18 1618**

**ANALYTICAL SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU7V1 (A8F0197-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060463</b>				
% Solids	87.8	---	1.00	% by Weight	1	06/08/18	EPA 8000C	
<b>DU5V1 (A8F0197-02)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060463</b>				
% Solids	85.6	---	1.00	% by Weight	1	06/08/18	EPA 8000C	

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EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0197 - 06 11 18 1618****QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060485 - EPA 3546						Soil						
Blank (8060485-BLK1)		Prepared: 06/07/18 13:02				Analyzed: 06/07/18 17:31				C-07		
EPA 8082A												
Aroclor 1016	ND	---	7.69	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	7.69	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	7.69	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	7.69	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	7.69	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	7.69	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	7.69	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 85 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060485-BS1)		Prepared: 06/07/18 13:02				Analyzed: 06/07/18 17:49				C-07		
EPA 8082A												
Aroclor 1016	179	---	10.0	ug/kg wet	1	250	---	72	47-134%	---	---	
Aroclor 1260	208	---	10.0	ug/kg wet	1	250	---	83	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 88 %		Limits: 53-120 %		Dilution: 1x						

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EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0197 - 06 11 18 1618****QUALITY CONTROL (QC) SAMPLE RESULTS****Percent Dry Weight**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	----------	--------------	---------------	-------	--------------	-----	-----------	-------

**Batch 8060463 - Total Solids (Dry Weight)****Soil**

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

**SAMPLE PREPARATION INFORMATION****Percent Dry Weight****Prep: Total Solids (Dry Weight)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060463</u>							
A8F0197-01	Soil	EPA 8000C	06/07/18 11:46	06/07/18 19:49			NA
A8F0197-02	Soil	EPA 8000C	06/07/18 12:30	06/07/18 19:49			NA

**Polychlorinated Biphenyls by EPA 8082A****Prep: EPA 3546**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060485</u>							
A8F0197-01	Soil	EPA 8082A	06/07/18 11:46	06/07/18 17:19	10.75g/5mL	10g/5mL	0.93
A8F0197-02	Soil	EPA 8082A	06/07/18 12:30	06/07/18 17:19	10.71g/5mL	10g/5mL	0.93

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Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0197 - 06 11 18 1618**

**QUALIFIER DEFINITIONS**

**Client Sample and Quality Control (QC) Sample Qualifier Definitions:**

**Apex Laboratories**

- C-07** Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
- P-09** Due to weathering and/or the presence of an unknown mixture of PCB Congeners, the pattern does not match the standard used for calibration. Results are Estimated and based on the closest matching Aroclor.
- C-07** Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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**Bridgewater Group**

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Project: **Bors Property PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0197 - 06 11 18 1618**

**REPORTING NOTES AND CONVENTIONS:**

**Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.  
ND Analyte NOT DETECTED at or above the detection or reporting limit.  
NR Result Not Reported  
RPD Relative Percent Difference

**Detection Limits: Limit of Detection (LOD)**

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).  
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

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Basis: Results for soil samples are generally reported on a 100% dry weight basis.  
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"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")  
See Percent Solids section for details of dry weight analysis.  
  
"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.  
  
" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

**QC Source:**

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

**Miscellaneous Notes:**

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.  
  
" \*\*\* " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

**Blanks:**

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).  
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.  
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.  
For further details, please request a copy of this document.

Apex Laboratories

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Lisa Domenighini, Client Services Manager



**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0197 - 06 11 18 1618**

**REPORTING NOTES AND CONVENTIONS (Cont.):**

**Blanks (Cont.):**

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the blank results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

**Preparation Notes:**

**Mixed Matrix Samples:**

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Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

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Project Number: **PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0197 - 06 11 18 1618**

**LABORATORY ACCREDITATION INFORMATION****TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039**

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

**Apex Laboratories**

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Cert?
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Apex Laboratories

Lisa Domenighini, Client Services Manager

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Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: PGE-036

Project Manager: Aaron Leritz

**Report ID:**

A8F0197 - 06 11 18 1618

**APEX LABS COOLER RECEIPT FORM**

Client: Bridgewater Element WO#: A8 F0197

Project/Project #: BORS Property / PGE-036

**Delivery info:**

Date/Time Received: 6/7/18 @ 1330 By: SC

Delivered by: Apex ☐ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Swift ☐ Senvoy ☐ SDS ☐ Other ☐

**Cooler Inspection** Inspected by: SC : 6/7/18 @ 1330

Chain of Custody Included? Yes ☒ No ☐ Custody Seals? Yes ☐ No ☒

Signed/Dated by Client? Yes ☒ No ☐

Signed/Dated by Apex? Yes ☒ No ☐

**Cooler #1** **Cooler #2** **Cooler #3** **Cooler #4** **Cooler #5** **Cooler #6** **Cooler #7**

Temperature (deg. C) 2.2

Received on Ice? (Y/N) (Y)

Temp. Blanks? (Y/N) (N)

Ice Type: (Gel)/Real/Other

Condition: good

Cooler out of temp? (Y/N) (N) Possible reason why:

If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA (NA)

**Samples Inspection:** Inspected by: SC : 6/7/18 @ 1330

All Samples Intact? Yes ☒ No ☐ Comments:

Bottle Labels/COCs agree? Yes ☒ No ☐ Comments:

Containers/Volumes Received Appropriate for Analysis? Yes ☒ No ☐ Comments:

Do VOA Vials have Visible Headspace? Yes ☐ No ☐ NA ☒

Comments:

Water Samples: pH Checked and Appropriate (except VOAs): Yes ☐ No ☐ NA ☒

Comments:

**Additional Information:**

Labeled by: AM Witness: AKC Cooler Inspected by: Client See Project Contact Form: Y

Apex Laboratories

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*Lisa A. Domenighini*

Lisa Domenighini, Client Services Manager



**Apex Laboratories, LLC**

12232 S.W. Garden Place  
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503-718-2323  
EPA ID: OR01039

Wednesday, June 6, 2018

Aaron Leritz  
Bridgewater Group  
7100 SW Hampton St. Suite 235  
Tigard, OR 97223

RE: A8F0061 - Bors Property\_PGE - Bors Property\_\_PGE-036

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A8F0061, which was received by the laboratory on 6/4/2018 at 12:05:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

---

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

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Apex Laboratories

A handwritten signature in black ink that reads "Lisa A. Domenighini".

---

Lisa Domenighini, Client Services Manager

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Project: **Bors Property PGE**

Project Number: **Bors Property\_\_ PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0061 - 06 06 18 1537**

**ANALYTICAL REPORT FOR SAMPLES**

**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DU8V1	A8F0061-01	Soil	06/04/18 09:15	06/04/18 12:05
DU8A- Bottom	A8F0061-06	Soil	06/04/18 10:30	06/04/18 12:05

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503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property\_\_ PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0061 - 06 06 18 1537****ANALYTICAL SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU8V1 (A8F0061-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060370</b>		<b>C-07</b>		
Aroclor 1016	ND	---	11.8	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1221	ND	---	11.8	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1232	ND	---	11.8	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1242	ND	---	11.8	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1248	ND	---	11.8	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1254	ND	---	11.8	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1260	ND	---	11.8	ug/kg dry	1	06/05/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 82 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/05/18</i>	<i>EPA 8082A</i>	
<b>DU8A- Bottom (A8F0061-06)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060370</b>		<b>C-07</b>		
Aroclor 1016	ND	---	14.2	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1221	ND	---	14.2	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1232	ND	---	14.2	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1242	ND	---	14.2	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1248	ND	---	14.2	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1254	ND	---	14.2	ug/kg dry	1	06/05/18	EPA 8082A	
Aroclor 1260	ND	---	14.2	ug/kg dry	1	06/05/18	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 79 %</i>		<i>Limits: 53-120 %</i>	<i>1</i>	<i>06/05/18</i>	<i>EPA 8082A</i>	

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Lisa Domenighini, Client Services Manager



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Project: **Bors Property PGE**

Project Number: **Bors Property\_\_ PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0061 - 06 06 18 1537**

**ANALYTICAL SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>DU8V1 (A8F0061-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060372</b>				
% Solids	83.7	---	1.00	% by Weight	1	06/05/18	EPA 8000C	
<b>DU8A- Bottom (A8F0061-06)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060372</b>				
% Solids	68.1	---	1.00	% by Weight	1	06/05/18	EPA 8000C	

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Project: **Bors Property PGE**Project Number: **Bors Property\_\_ PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0061 - 06 06 18 1537****QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060370 - EPA 3546						Soil						
Blank (8060370-BLK1)		Prepared: 06/04/18 16:55				Analyzed: 06/05/18 08:34				C-07		
EPA 8082A												
Aroclor 1016	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 91 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060370-BS1)		Prepared: 06/04/18 16:55				Analyzed: 06/05/18 08:51				C-07		
EPA 8082A												
Aroclor 1016	187	---	10.0	ug/kg wet	1	250	---	75	47-134%	---	---	
Aroclor 1260	213	---	10.0	ug/kg wet	1	250	---	85	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 88 %		Limits: 53-120 %		Dilution: 1x						

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Project: **Bors Property PGE**Project Number: **Bors Property\_\_ PGE-036**Project Manager: **Aaron Leritz****Report ID:****A8F0061 - 06 06 18 1537****QUALITY CONTROL (QC) SAMPLE RESULTS****Percent Dry Weight**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
<b>Batch 8060372 - Total Solids (Dry Weight)</b>						<b>Soil</b>						

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

**SAMPLE PREPARATION INFORMATION****Percent Dry Weight****Prep: Total Solids (Dry Weight)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<b>Batch: 8060372</b>							
A8F0061-01	Soil	EPA 8000C	06/04/18 09:15	06/04/18 19:31			NA
A8F0061-06	Soil	EPA 8000C	06/04/18 10:30	06/04/18 19:31			NA

**Polychlorinated Biphenyls by EPA 8082A****Prep: EPA 3546**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<b>Batch: 8060370</b>							
A8F0061-01	Soil	EPA 8082A	06/04/18 09:15	06/04/18 16:55	10.13g/5mL	10g/5mL	0.99
A8F0061-06	Soil	EPA 8082A	06/04/18 10:30	06/04/18 16:55	10.3g/5mL	10g/5mL	0.97

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Project Number: **Bors Property\_\_ PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0061 - 06 06 18 1537**

**QUALIFIER DEFINITIONS**

**Client Sample and Quality Control (QC) Sample Qualifier Definitions:**

C-07 Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.

Apex Laboratories

A handwritten signature in black ink, reading "Lisa A. Domenighini".

Lisa Domenighini, Client Services Manager

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Project Manager: **Aaron Leritz**

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**REPORTING NOTES AND CONVENTIONS:**

**Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.  
ND Analyte NOT DETECTED at or above the detection or reporting limit.  
NR Result Not Reported  
RPD Relative Percent Difference

**Detection Limits: Limit of Detection (LOD)**

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).  
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

**Reporting Limits: Limit of Quantitation (LOQ)**

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

**Reporting Conventions:**

Basis: Results for soil samples are generally reported on a 100% dry weight basis.  
The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.  
  
"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")  
See Percent Solids section for details of dry weight analysis.  
  
"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.  
  
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Project: **Bors Property PGE**

Project Number: **Bors Property PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0061 - 06 06 18 1537**

**REPORTING NOTES AND CONVENTIONS (Cont.):**

**Blanks (Cont.):**

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EPA ID: OR01039

**Bridgewater Group**

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Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0061 - 06 06 18 1537**

**LABORATORY ACCREDITATION INFORMATION****TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039**

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Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Cert?
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Project: **Bors Property PGE**

Project Number: **Bors Property PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0061 - 06 06 18 1537**

APEX LABS		CHAIN OF CUSTODY		Lab # <u>A8F0061</u> COC 1 of 1	
12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333		Project Mgr: <u>Aaron Leritz</u>		Project # <u>PGE-036</u>	
Address: <u>7100 SW Hampton St 235, Tigard, OR</u>		Phone: _____		Email: _____	
Sampled by: <u>J. Pounds</u>		Project Name: <u>BORS</u>		Fax: _____	
Site location: <u>OR WA</u>		ANALYSIS REQUEST			
Other: _____					
SAMPLE ID					
1 <u>DUGA</u>					
2 <u>DUGA - South</u>					
3 <u>DUGA - North</u>					
4 <u>DUGA - west</u>					
5 <u>DUGA - east</u>					
6 <u>DUGA - Bottom</u>					
7					
8					
9					
10					
LAB ID #					
DATE					
TIME					
MATRIX					
# OF CONTAINERS					
NWTPH-HCID					
NWTPH-DX					
NWTPH-GX					
8260 VOCs Full List					
8260 RBDM VOCs					
8260 BVOCs					
8260 BTEX VOCs					
8270 SIM PAHs					
8082 PCBs					
600 TIO					
RCRA Metals (B)					
TCLP Metals (B)					
Al, Si, As, Ba, Be, Bi, Cd, Cr, Cu, Fe, Pb, Hg, Mn, Mo, Ni, P, Se, Ag, Na, TL, V, Zn					
TOTAL DISS TCLE					
1200-COLS					
1200-Z					
SPECIAL INSTRUCTIONS:					
X Archive DUGA - South, DUGA - North, DUGA - West, DUGA - East					
Normal Turn Around Time (TAT) - 10 Business Days		YES NO			
TAT Requested (circle)		1 Day 2 Day 3 Day			
SAMPLES ARE HELD FOR 30 DAYS		4 DAY 5 DAY Other: _____			
RELINQUISHED BY:		RECEIVED BY:			
Signature: <u>[Signature]</u> Date: <u>6/14/18</u>		Signature: <u>[Signature]</u> Date: <u>6/14/18</u>			
Printed Name: <u>Justin Pounds</u> Time: <u>1205</u>		Printed Name: <u>Justin Pounds</u> Time: <u>1205</u>			
Company: <u>Bridgewater</u>		Company: <u>Apex</u>			

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*Lisa Domenighini*

Lisa Domenighini, Client Services Manager





Apex Laboratories, LLC

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property PGE-036**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0061 - 06 06 18 1537**

**APEX LABS COOLER RECEIPT FORM**

Client: Bridgewater Element WO#: A8 F0061

Project/Project #: BORS PGE 036

**Delivery info:**

Date/Time Received: 6/4/18 @ 1205 By: JS

Delivered by: Apex ☐ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Swift ☐ Senvoy ☐ SDS ☐ Other ☐

**Cooler Inspection** Inspected by: JS : 6/4/18 @ 1206

Chain of Custody Included? Yes ☒ No ☐ Custody Seals? Yes ☐ No ☒

Signed/Dated by Client? Yes ☒ No ☐

Signed/Dated by Apex? Yes ☒ No ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)	<u>4.3</u>						

Received on Ice? (Y/N) (Y)

Temp. Blanks? (Y/N) (N)

Ice Type: (Gel)/Real/Other

Condition: good

Cooler out of temp? (Y/N) (N) Possible reason why: out of temperature samples?

If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA (NA)

**Samples Inspection:** Inspected by: JS : 6/4/18 @ 1235

All Samples Intact? Yes ☒ No ☐ Comments:

Bottle Labels/COCs agree? Yes ☒ No ☐ Comments:

Containers/Volumes Received Appropriate for Analysis? Yes ☒ No ☐ Comments:

Do VOA Vials have Visible Headspace? Yes ☐ No ☐ NA ☒

Comments:

Water Samples: pH Checked and Appropriate (except VOAs): Yes ☐ No ☐ NA ☒

Comments:

**Additional Information:**

Labeled by: JS Witness: AKC Cooler Inspected by: JS Client See Project Contact Form: Y

u/4/18

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*Lisa A Domenighini*

Lisa Domenighini, Client Services Manager



**Apex Laboratories, LLC**

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

Thursday, June 7, 2018

Aaron Leritz  
Bridgewater Group  
7100 SW Hampton St. Suite 235  
Tigard, OR 97223

RE: A8F0028 - Bors Property\_PGE - Bors Property\_\_

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A8F0028, which was received by the laboratory on 6/1/2018 at 3:00:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

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This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

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A handwritten signature in black ink that reads "Lisa A. Domenighini".

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Lisa Domenighini, Client Services Manager

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12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323  
**EPA ID: OR01039**

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**ANALYTICAL REPORT FOR SAMPLES**

**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Stockpile	A8F0028-01	Soil	06/01/18 14:00	06/01/18 15:00

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Lisa Domenighini, Client Services Manager

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**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****ANALYTICAL SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>Stockpile (A8F0028-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060295</b>		<b>V-15</b>		
Acetone	ND	---	2210	ug/kg dry	50	06/01/18	5035A/8260C	
Acrylonitrile	ND	---	221	ug/kg dry	50	06/01/18	5035A/8260C	
Benzene	ND	---	22.1	ug/kg dry	50	06/01/18	5035A/8260C	
Bromobenzene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Bromochloromethane	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Bromodichloromethane	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Bromoform	ND	---	221	ug/kg dry	50	06/01/18	5035A/8260C	
Bromomethane	ND	---	1110	ug/kg dry	50	06/01/18	5035A/8260C	
2-Butanone (MEK)	ND	---	1110	ug/kg dry	50	06/01/18	5035A/8260C	
n-Butylbenzene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
sec-Butylbenzene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
tert-Butylbenzene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Carbon disulfide	ND	---	1110	ug/kg dry	50	06/01/18	5035A/8260C	
Carbon tetrachloride	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Chlorobenzene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Chloroethane	ND	---	1110	ug/kg dry	50	06/01/18	5035A/8260C	EST
Chloroform	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Chloromethane	ND	---	553	ug/kg dry	50	06/01/18	5035A/8260C	
2-Chlorotoluene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
4-Chlorotoluene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Dibromochloromethane	ND	---	221	ug/kg dry	50	06/01/18	5035A/8260C	
1,2-Dibromo-3-chloropropane	ND	---	553	ug/kg dry	50	06/01/18	5035A/8260C	
1,2-Dibromoethane (EDB)	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Dibromomethane	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
1,2-Dichlorobenzene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,3-Dichlorobenzene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,4-Dichlorobenzene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Dichlorodifluoromethane	ND	---	221	ug/kg dry	50	06/01/18	5035A/8260C	
1,1-Dichloroethane	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,2-Dichloroethane (EDC)	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,1-Dichloroethene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
cis-1,2-Dichloroethene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
trans-1,2-Dichloroethene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,2-Dichloropropane	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,3-Dichloropropane	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
2,2-Dichloropropane	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
1,1-Dichloropropene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
cis-1,3-Dichloropropene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
trans-1,3-Dichloropropene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	

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Lisa Domenighini, Client Services Manager

**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****ANALYTICAL SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>Stockpile (A8F0028-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060295</b>		<b>V-15</b>		
Ethylbenzene	73.4	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Hexachlorobutadiene	ND	---	221	ug/kg dry	50	06/01/18	5035A/8260C	
2-Hexanone	ND	---	1110	ug/kg dry	50	06/01/18	5035A/8260C	
Isopropylbenzene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
4-Isopropyltoluene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Methylene chloride	ND	---	553	ug/kg dry	50	06/01/18	5035A/8260C	
4-Methyl-2-pentanone (MiBK)	ND	---	1110	ug/kg dry	50	06/01/18	5035A/8260C	
Methyl tert-butyl ether (MTBE)	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Naphthalene	ND	---	221	ug/kg dry	50	06/01/18	5035A/8260C	
n-Propylbenzene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Styrene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
1,1,1,2-Tetrachloroethane	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,1,2,2-Tetrachloroethane	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Tetrachloroethene (PCE)	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Toluene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
1,2,3-Trichlorobenzene	ND	---	553	ug/kg dry	50	06/01/18	5035A/8260C	
1,2,4-Trichlorobenzene	ND	---	553	ug/kg dry	50	06/01/18	5035A/8260C	
1,1,1-Trichloroethane	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
1,1,2-Trichloroethane	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Trichloroethene (TCE)	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Trichlorofluoromethane	ND	---	221	ug/kg dry	50	06/01/18	5035A/8260C	EST
1,2,3-Trichloropropane	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
1,2,4-Trimethylbenzene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
1,3,5-Trimethylbenzene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
Vinyl chloride	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
m,p-Xylene	ND	---	111	ug/kg dry	50	06/01/18	5035A/8260C	
o-Xylene	ND	---	55.3	ug/kg dry	50	06/01/18	5035A/8260C	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	108 %	Limits:	80-120 %	1	06/01/18	5035A/8260C
Toluene-d8 (Surr)			97 %		80-120 %	1	06/01/18	5035A/8260C
4-Bromofluorobenzene (Surr)			101 %		80-120 %	1	06/01/18	5035A/8260C

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Lisa Domenighini, Client Services Manager

**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****ANALYTICAL SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>Stockpile (A8F0028-01RE4)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060370</b>				<b>C-07</b>
Aroclor 1016	ND	---	307	ug/kg dry	20	06/05/18	EPA 8082A	
Aroclor 1221	ND	---	307	ug/kg dry	20	06/05/18	EPA 8082A	
Aroclor 1232	ND	---	307	ug/kg dry	20	06/05/18	EPA 8082A	
Aroclor 1242	ND	---	307	ug/kg dry	20	06/05/18	EPA 8082A	
Aroclor 1248	ND	---	307	ug/kg dry	20	06/05/18	EPA 8082A	
<b>Aroclor 1254</b>	<b>1410</b>	---	307	ug/kg dry	20	06/05/18	EPA 8082A	<b>P-10</b>
<b>Aroclor 1260</b>	<b>4550</b>	---	307	ug/kg dry	20	06/05/18	EPA 8082A	<b>P-10</b>
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 400 %</i>		<i>Limits: 53-120 %</i>	<i>20</i>	<i>06/05/18</i>	<i>EPA 8082A</i>	<i>S-03</i>

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12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****ANALYTICAL SAMPLE RESULTS****Total Metals by EPA 6020 (ICPMS)**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Stockpile (A8F0028-01)		Matrix: Soil						
Batch: 8060299								
Arsenic	8.66	---	1.81	mg/kg dry	10	06/01/18	EPA 6020A	
Barium	606	---	1.81	mg/kg dry	10	06/01/18	EPA 6020A	
Cadmium	7.85	---	0.362	mg/kg dry	10	06/01/18	EPA 6020A	
Chromium	84.8	---	1.81	mg/kg dry	10	06/01/18	EPA 6020A	
Mercury	3.64	---	0.145	mg/kg dry	10	06/01/18	EPA 6020A	
Selenium	ND	---	1.81	mg/kg dry	10	06/01/18	EPA 6020A	
Silver	2.84	---	0.362	mg/kg dry	10	06/01/18	EPA 6020A	
Stockpile (A8F0028-01RE1)		Matrix: Soil						
Batch: 8060299								
Lead	1950	---	3.62	mg/kg dry	100	06/01/18	EPA 6020A	

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503-718-2323

EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**ANALYTICAL SAMPLE RESULTS**

**TCLP Metals by EPA 6020 (ICPMS)**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Stockpile (A8F0028-01)		Matrix: Soil						
Batch: 8060387								
Lead	0.815	---	0.0500	mg/L	5	06/05/18	1311/6020A	

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503-718-2323

EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**ANALYTICAL SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>Stockpile (A8F0028-01)</b>		<b>Matrix: Soil</b>		<b>Batch: 8060290</b>				
% Solids	60.1	---	1.00	% by Weight	1	06/04/18	EPA 8000C	

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Lisa Domenighini, Client Services Manager

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Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060295 - EPA 5035A						Soil						
Blank (8060295-BLK1)		Prepared: 06/01/18 09:30   Analyzed: 06/01/18 12:57										
5035A/8260C												
Acetone	ND	---	667	ug/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	6.67	ug/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	EST
Chloroform	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	

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Lisa Domenighini, Client Services Manager

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12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060295 - EPA 5035A						Soil						
Blank (8060295-BLK1)		Prepared: 06/01/18 09:30 Analyzed: 06/01/18 12:57										
1,2-Dichloropropane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	333	ug/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	167	ug/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	66.7	ug/kg wet	50	---	---	---	---	---	---	EST
1,2,3-Trichloropropane	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	33.3	ug/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	16.7	ug/kg wet	50	---	---	---	---	---	---	

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**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060295 - EPA 5035A						Soil						
Blank (8060295-BLK1)		Prepared: 06/01/18 09:30 Analyzed: 06/01/18 12:57										
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 106 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		98 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		104 %		80-120 %		"						
LCS (8060295-BS3)		Prepared: 06/01/18 09:30 Analyzed: 06/01/18 12:01										
5035A/8260C												
Acetone	2180	---	1000	ug/kg wet	50	2000	---	109	80-120%	---	---	
Acrylonitrile	1110	---	100	ug/kg wet	50	1000	---	111	80-120%	---	---	
Benzene	1040	---	10.0	ug/kg wet	50	1000	---	104	80-120%	---	---	
Bromobenzene	986	---	25.0	ug/kg wet	50	1000	---	99	80-120%	---	---	
Bromochloromethane	992	---	50.0	ug/kg wet	50	1000	---	99	80-120%	---	---	
Bromodichloromethane	1110	---	50.0	ug/kg wet	50	1000	---	111	80-120%	---	---	
Bromoform	1220	---	100	ug/kg wet	50	1000	---	122	80-120%	---	---	Q-56
Bromomethane	1040	---	500	ug/kg wet	50	1000	---	104	80-120%	---	---	
2-Butanone (MEK)	2130	---	500	ug/kg wet	50	2000	---	106	80-120%	---	---	
n-Butylbenzene	875	---	50.0	ug/kg wet	50	1000	---	87	80-120%	---	---	
sec-Butylbenzene	883	---	50.0	ug/kg wet	50	1000	---	88	80-120%	---	---	
tert-Butylbenzene	839	---	50.0	ug/kg wet	50	1000	---	84	80-120%	---	---	
Carbon disulfide	802	---	500	ug/kg wet	50	1000	---	80	80-120%	---	---	
Carbon tetrachloride	984	---	50.0	ug/kg wet	50	1000	---	98	80-120%	---	---	
Chlorobenzene	986	---	25.0	ug/kg wet	50	1000	---	99	80-120%	---	---	
Chloroethane	ND	---	500	ug/kg wet	50	1000	---	47	80-120%	---	---	EST
Chloroform	1010	---	50.0	ug/kg wet	50	1000	---	101	80-120%	---	---	
Chloromethane	874	---	250	ug/kg wet	50	1000	---	87	80-120%	---	---	
2-Chlorotoluene	975	---	50.0	ug/kg wet	50	1000	---	97	80-120%	---	---	
4-Chlorotoluene	935	---	50.0	ug/kg wet	50	1000	---	93	80-120%	---	---	
Dibromochloromethane	982	---	100	ug/kg wet	50	1000	---	98	80-120%	---	---	
1,2-Dibromo-3-chloropropane	982	---	250	ug/kg wet	50	1000	---	98	80-120%	---	---	
1,2-Dibromoethane (EDB)	1080	---	50.0	ug/kg wet	50	1000	---	108	80-120%	---	---	
Dibromomethane	1050	---	50.0	ug/kg wet	50	1000	---	105	80-120%	---	---	
1,2-Dichlorobenzene	965	---	25.0	ug/kg wet	50	1000	---	97	80-120%	---	---	
1,3-Dichlorobenzene	980	---	25.0	ug/kg wet	50	1000	---	98	80-120%	---	---	
1,4-Dichlorobenzene	955	---	25.0	ug/kg wet	50	1000	---	95	80-120%	---	---	
Dichlorodifluoromethane	888	---	100	ug/kg wet	50	1000	---	89	80-120%	---	---	

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503-718-2323

EPA ID: OR01039**Bridgewater Group**

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Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060295 - EPA 5035A						Soil						
LCS (8060295-BS3)		Prepared: 06/01/18 09:30		Analyzed: 06/01/18 12:01								
1,1-Dichloroethane	1000	---	25.0	ug/kg wet	50	1000	---	100	80-120%	---	---	
1,2-Dichloroethane (EDC)	950	---	25.0	ug/kg wet	50	1000	---	95	80-120%	---	---	
1,1-Dichloroethene	987	---	25.0	ug/kg wet	50	1000	---	99	80-120%	---	---	
cis-1,2-Dichloroethene	983	---	25.0	ug/kg wet	50	1000	---	98	80-120%	---	---	
trans-1,2-Dichloroethene	940	---	25.0	ug/kg wet	50	1000	---	94	80-120%	---	---	
1,2-Dichloropropane	1070	---	25.0	ug/kg wet	50	1000	---	107	80-120%	---	---	
1,3-Dichloropropane	1020	---	50.0	ug/kg wet	50	1000	---	102	80-120%	---	---	
2,2-Dichloropropane	1020	---	50.0	ug/kg wet	50	1000	---	102	80-120%	---	---	
1,1-Dichloropropene	994	---	50.0	ug/kg wet	50	1000	---	99	80-120%	---	---	
cis-1,3-Dichloropropene	1020	---	50.0	ug/kg wet	50	1000	---	102	80-120%	---	---	
trans-1,3-Dichloropropene	965	---	50.0	ug/kg wet	50	1000	---	97	80-120%	---	---	
Ethylbenzene	937	---	25.0	ug/kg wet	50	1000	---	94	80-120%	---	---	
Hexachlorobutadiene	867	---	100	ug/kg wet	50	1000	---	87	80-120%	---	---	
2-Hexanone	1950	---	500	ug/kg wet	50	2000	---	97	80-120%	---	---	
Isopropylbenzene	913	---	50.0	ug/kg wet	50	1000	---	91	80-120%	---	---	
4-Isopropyltoluene	863	---	50.0	ug/kg wet	50	1000	---	86	80-120%	---	---	
Methylene chloride	1020	---	250	ug/kg wet	50	1000	---	102	80-120%	---	---	
4-Methyl-2-pentanone (MiBK)	1960	---	500	ug/kg wet	50	2000	---	98	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	1030	---	50.0	ug/kg wet	50	1000	---	103	80-120%	---	---	
Naphthalene	1070	---	100	ug/kg wet	50	1000	---	107	80-120%	---	---	
n-Propylbenzene	907	---	25.0	ug/kg wet	50	1000	---	91	80-120%	---	---	
Styrene	981	---	50.0	ug/kg wet	50	1000	---	98	80-120%	---	---	
1,1,1,2-Tetrachloroethane	982	---	25.0	ug/kg wet	50	1000	---	98	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1170	---	50.0	ug/kg wet	50	1000	---	117	80-120%	---	---	
Tetrachloroethene (PCE)	936	---	25.0	ug/kg wet	50	1000	---	94	80-120%	---	---	
Toluene	955	---	50.0	ug/kg wet	50	1000	---	95	80-120%	---	---	
1,2,3-Trichlorobenzene	924	---	250	ug/kg wet	50	1000	---	92	80-120%	---	---	
1,2,4-Trichlorobenzene	905	---	250	ug/kg wet	50	1000	---	90	80-120%	---	---	
1,1,1-Trichloroethane	986	---	25.0	ug/kg wet	50	1000	---	99	80-120%	---	---	
1,1,2-Trichloroethane	1100	---	25.0	ug/kg wet	50	1000	---	110	80-120%	---	---	
Trichloroethene (TCE)	1030	---	25.0	ug/kg wet	50	1000	---	103	80-120%	---	---	
Trichlorofluoromethane	733	---	100	ug/kg wet	50	1000	---	73	80-120%	---	---	EST
1,2,3-Trichloropropane	1080	---	50.0	ug/kg wet	50	1000	---	108	80-120%	---	---	

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EPA ID: OR01039**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 5035A/8260C**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060295 - EPA 5035A						Soil						
LCS (8060295-BS3)		Prepared: 06/01/18 09:30   Analyzed: 06/01/18 12:01										
1,2,4-Trimethylbenzene	929	---	50.0	ug/kg wet	50	1000	---	93	80-120%	---	---	
1,3,5-Trimethylbenzene	904	---	50.0	ug/kg wet	50	1000	---	90	80-120%	---	---	
Vinyl chloride	1000	---	25.0	ug/kg wet	50	1000	---	100	80-120%	---	---	
m,p-Xylene	1800	---	50.0	ug/kg wet	50	2000	---	90	80-120%	---	---	
o-Xylene	917	---	25.0	ug/kg wet	50	1000	---	92	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 106 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		98 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		99 %		80-120 %		"						

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**Bridgewater Group**

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Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060325 - EPA 3546						Soil						
Blank (8060325-BLK1)		Prepared: 06/01/18 15:21				Analyzed: 06/04/18 08:49				C-07		
EPA 8082A												
Aroclor 1016	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 91 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060325-BS1)		Prepared: 06/01/18 15:21				Analyzed: 06/04/18 09:07				C-07		
EPA 8082A												
Aroclor 1016	183	---	10.0	ug/kg wet	1	250	---	73	47-134%	---	---	
Aroclor 1260	216	---	10.0	ug/kg wet	1	250	---	86	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 94 %		Limits: 53-120 %		Dilution: 1x						
Matrix Spike (8060325-MS1)		Prepared: 06/01/18 15:21				Analyzed: 06/04/18 10:42				C-07, Q-04, Q-43		
QC Source Sample: Stockpile (A8F0028-01)												
EPA 8082A												
Aroclor 1016	791	---	160	ug/kg dry	10	399	ND	198	47-134%	---	---	
Aroclor 1260	1690	---	160	ug/kg dry	10	399	ND	424	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 113 %		Limits: 53-120 %		Dilution: 10x					S-05	

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EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060370 - EPA 3546						Soil						
Blank (8060370-BLK1)		Prepared: 06/04/18 16:55				Analyzed: 06/05/18 08:34				C-07		
EPA 8082A												
Aroclor 1016	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	9.09	ug/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 91 %		Limits: 53-120 %		Dilution: 1x						
LCS (8060370-BS1)		Prepared: 06/04/18 16:55				Analyzed: 06/05/18 08:51				C-07		
EPA 8082A												
Aroclor 1016	187	---	10.0	ug/kg wet	1	250	---	75	47-134%	---	---	
Aroclor 1260	213	---	10.0	ug/kg wet	1	250	---	85	53-140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 88 %		Limits: 53-120 %		Dilution: 1x						

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Project: **Bors Property PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****QUALITY CONTROL (QC) SAMPLE RESULTS****Total Metals by EPA 6020 (ICPMS)**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060299 - EPA 3051A						Soil						
Blank (8060299-BLK1)		Prepared: 06/01/18 10:45   Analyzed: 06/01/18 16:41										
EPA 6020A												
Arsenic	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0769	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (8060299-BS1)		Prepared: 06/01/18 10:45   Analyzed: 06/01/18 16:45										
EPA 6020A												
Arsenic	48.1	---	1.00	mg/kg wet	10	50.0	---	96	80-120%	---	---	
Barium	47.0	---	1.00	mg/kg wet	10	50.0	---	94	80-120%	---	---	
Cadmium	47.9	---	0.200	mg/kg wet	10	50.0	---	96	80-120%	---	---	
Chromium	48.2	---	1.00	mg/kg wet	10	50.0	---	96	80-120%	---	---	
Lead	50.9	---	0.200	mg/kg wet	10	50.0	---	102	80-120%	---	---	
Mercury	1.02	---	0.0800	mg/kg wet	10	1.00	---	102	80-120%	---	---	
Selenium	23.4	---	1.00	mg/kg wet	10	25.0	---	94	80-120%	---	---	
Silver	24.7	---	0.200	mg/kg wet	10	25.0	---	99	80-120%	---	---	

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Lisa Domenighini, Client Services Manager



**Apex Laboratories, LLC**

12232 S.W. Garden Place

Tigard, OR 97223

503-718-2323

EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**QUALITY CONTROL (QC) SAMPLE RESULTS**

**TCLP Metals by EPA 6020 (ICPMS)**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 8060387 - EPA 1311/3015							Solid					
Blank (8060387-BLK1)		Prepared: 06/05/18 10:49   Analyzed: 06/05/18 14:26										
1311/6020A												
Lead	ND	---	0.0500	mg/L	5	---	---	---	---	---	---	TCLP
LCS (8060387-BS1)		Prepared: 06/05/18 10:49   Analyzed: 06/05/18 14:30										
1311/6020A												
Lead	2.71	---	0.0500	mg/L	5	2.50	---	108	80-120%	---	---	TCLP

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**QUALITY CONTROL (QC) SAMPLE RESULTS**

**Percent Dry Weight**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	--------------------	-------	----------	-----------------	------------------	-------	-----------------	-----	--------------	-------

**Batch 8060290 - Total Solids (Dry Weight)**

**Soil**

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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7100 SW Hampton St. Suite 235  
Tigard, OR 97223

Project: **Bors Property\_PGE**Project Number: **Bors Property\_\_**Project Manager: **Aaron Leritz****Report ID:****A8F0028 - 06 07 18 1001****SAMPLE PREPARATION INFORMATION****Percent Dry Weight****Prep: Total Solids (Dry Weight)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060290</u>							
A8F0028-01	Soil	EPA 8000C	06/01/18 14:00	06/01/18 19:23			NA

**Polychlorinated Biphenyls by EPA 8082A****Prep: EPA 3546**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060370</u>							
A8F0028-01RE4	Soil	EPA 8082A	06/01/18 14:00	06/04/18 16:55	10.85g/5mL	10g/5mL	0.92

**TCLP Metals by EPA 6020 (ICPMS)****Prep: EPA 1311/3015**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060387</u>							
A8F0028-01	Soil	1311/6020A	06/01/18 14:00	06/05/18 10:49	5mL/50mL	5mL/50mL	1.00

**Total Metals by EPA 6020 (ICPMS)****Prep: EPA 3051A**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060299</u>							
A8F0028-01	Soil	EPA 6020A	06/01/18 14:00	06/01/18 15:23	0.459g/50mL	0.5g/50mL	1.09
A8F0028-01RE1	Soil	EPA 6020A	06/01/18 14:00	06/01/18 15:23	0.459g/50mL	0.5g/50mL	1.09

**Volatile Organic Compounds by EPA 5035A/8260C****Prep: EPA 5035A**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 8060295</u>							
A8F0028-01	Soil	5035A/8260C	06/01/18 14:00	06/01/18 15:14	5.37g/5mL	5g/5mL	0.93

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Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**QUALIFIER DEFINITIONS**

**Client Sample and Quality Control (QC) Sample Qualifier Definitions:**

<b>C-07</b>	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
<b>EST</b>	Result reported as an Estimated Value. Compound failed initial calibration criteria.
<b>P-10</b>	Result estimated due to the presence of multiple PCB Aroclors and/or matrix interference.
<b>Q-04</b>	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
<b>Q-43</b>	Matrix Spike recovery is not applicable due to interfering Aroclor(s) in source sample.
<b>Q-56</b>	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C
<b>S-03</b>	Reextraction and analysis, or analysis of laboratory duplicate, confirms surrogate failure due to sample matrix effect.
<b>S-05</b>	Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
<b>TCLP</b>	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 8060344.
<b>V-15</b>	Sample aliquot was subsampled from the sample container. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

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Project: **Bors Property PGE**

Project Number: **Bors Property**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**REPORTING NOTES AND CONVENTIONS:**

**Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.  
ND Analyte NOT DETECTED at or above the detection or reporting limit.  
NR Result Not Reported  
RPD Relative Percent Difference

**Detection Limits: Limit of Detection (LOD)**

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).  
If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

**Reporting Limits: Limit of Quantitation (LOQ)**

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

**Reporting Conventions:**

Basis: Results for soil samples are generally reported on a 100% dry weight basis.  
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.  
" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")  
See Percent Solids section for details of dry weight analysis.  
" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.  
" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

**QC Source:**

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

**Miscellaneous Notes:**

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" \*\*\* " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

**Blanks:**

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).  
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.

Apex Laboratories

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Project: **Bors Property PGE**

Project Number: **Bors Property**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**REPORTING NOTES AND CONVENTIONS (Cont.):**

**Blanks (Cont.):**

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the blank results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

**Preparation Notes:**

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

**Sampling and Preservation Notes:**

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

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Project: **Bors Property\_PGE**

Project Number: **Bors Property\_\_**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**LABORATORY ACCREDITATION INFORMATION**

**TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039**

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

**Apex Laboratories**

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Cert?
<u>All reported analytes are included in Apex Laboratories' current ORELAP scope.</u>					

**Secondary Accreditations**

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

**Subcontract Laboratory Accreditations**

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

**Field Testing Parameters**

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

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Tigard, OR 97223

Project: **Bors Property PGE**

Project Number: **Bors Property**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**APEX LABS** **CHAIN OF CUSTODY** **Lab #** **A8F0028** **PO#** **COC** **1 of 1**

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: **Bridgewater** Project Mgr: **Aaron Leritz** Project Name: **Bors** Project #

Address: **Tigard, OR 97223** Phone: **503-718-2323** Email:

Sampled by: **Todd Neal @ PGE**

Site Location: **OR** W/A **Stedpile** Other: **6-14-18 Sol 2**

SAMPLE ID **1200-Z**

LAB ID # **1200-Z**

DATE **6-14-18**

TIME **14:00**

MATRIX **2**

# OF CONTAINERS **2**

NWTPH-ICD **2**

NWTPH-DX **2**

NWTPH-GX **2**

8260 VOCs Full List **2**

8260 RBDM VOCs **2**

8260 HVOCS **2**

8260 BTEX VOCs **2**

8270 SVOC **2**

8270 SIM PAHS **2**

8082 PCBs **2**

600 TIO **2**

RCRA Metals (8) **2**

TCLP Metals (8) **2**

Al, Sb, As, Ba, Be, Bi, Cd, Cr, Cu, Fe, Pb, P, Se, Si, Sn, Ti, V, Zn

TOTAL DISS TCLP **2**

1200-COLS **2**

1200-Z **2**

SPECIAL INSTRUCTIONS: **Rich Sample**  
**sample collected by PGE, Bridgewater**

Normal Turn Around Time (TAT) = 10 Business Days **YES** **NO**

TAT Requested (circle) **1 Day** **2 Day** **3 Day** **4 Day** **5 Day** **Other:**

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: **Todd Neal** Date: **6-14-18** Signature: **Todd Neal**

RECEIVED BY: **Rich Sample** Date: **6-14-18** Signature: **Rich Sample**

Printed Name: **Todd Neal** Time: **1800** Printed Name: **Aaron Leritz** Time: **1500**

Company: **PGE** Company: **Apex Labs**

Apex Laboratories

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*Lisa Domenighini*

Lisa Domenighini, Client Services Manager



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Tigard, OR 97223

503-718-2323

EPA ID: OR01039

**Bridgewater Group**

7100 SW Hampton St. Suite 235

Tigard, OR 97223

Project: **Bors Property\_PGE**

Project Number: **Bors Property**

Project Manager: **Aaron Leritz**

**Report ID:**

**A8F0028 - 06 07 18 1001**

**APEX LABS COOLER RECEIPT FORM**

Client: Bridgewater Element WO#: A8 F0028

Project/Project #: Bors - PGE

**Delivery info:**

Date/Time Received: 6/11/18 @ 1500 By: AKK

Delivered by: Apex ☐ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Swift ☐ Senvoy ☐ SDS ☐ Other ☐

**Cooler Inspection** Inspected by: AKK : 6/11/18 @ 1502

Chain of Custody Included? Yes ☒ No ☐ Custody Seals? Yes ☐ No ☒

Signed/Dated by Client? Yes ☒ No ☐

Signed/Dated by Apex? Yes ☒ No ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (deg. C)	<u>4.2</u>						
Received on Ice? (Y/N)	<u>(Y)</u>						
Temp. Blanks? (Y/N)	<u>(N)</u>						
Ice Type: (Gel/Real/Other)	<u>(Gel)</u>						
Condition:	<u>good</u>						

Cooler out of temp? (Y/N) Possible reason why: (N)

If some coolers are in temp and some out, were green dot applied to out of temperature samples? Yes/No/NA (NA)

**Samples Inspection:** Inspected by: AKK : 6/11/18 @ 1502

All Samples Intact? Yes ☒ No ☐ Comments: \_\_\_\_\_

Bottle Labels/COCs agree? Yes ☒ No ☐ Comments: \_\_\_\_\_

Containers/Volumes Received Appropriate for Analysis? Yes ☒ No ☐ Comments: \_\_\_\_\_

Do VOA Vials have Visible Headspace? Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

Water Samples: pH Checked and Appropriate (except VOAs): Yes ☐ No ☐ NA ☒

Comments: \_\_\_\_\_

**Additional Information:** \_\_\_\_\_

Labeled by: AKK Witness: AKK Cooler Inspected by: AKK See Project Contact Form: Y

Apex Laboratories

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*Lisa A Domenighini*

Lisa Domenighini, Client Services Manager

Page 25 of 25

**Attachment B**

Project Photos



Site preparation



Installing construction entrance



Demolition of pole building



Underground vault found in Decision Unit 8



Excavation of vault



Excavation of concrete pad in Decision Unit 4





Underground vault located in Decision Unit 4



Decision Units 3, 5, and 7 all excavation complete



Hydroseed with clean imported fill stockpiles



Hydroseed

**Attachment C**

Disposal Receipts





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1485792

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/04/2018 Vehicle# 2-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/04/2018 09:35:52	Inbound 2	zlevin		Tare	109900 lb
Out	06/04/2018 09:35:52		zlevin		Net	41880 lb
					Tons	68020 lb
						34.01

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pat-RGC- 100		34.01	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1405802

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/04/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver RON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-0020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/04/2018 10:02:50	Inbound 1	JPRIME		Tare	107860 lb
Out	06/04/2018 10:30:22	Outbound	STANNERY		Net	39980 lb
					Tons	67880 lb
						33.94

Comments

Consumer Comments? We want to know. Please call.

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		33.94	tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

*Ron*







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1485803

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/04/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/04/2018 10:04:58	Inbound 1	JPRIME		Tare	118120 lb
Out	06/04/2018 10:33:18	Outbound	STANNERY		Net	41540 lb
					Tons	76580 lb
						38.29

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		38.29	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1485867

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/04/2018 Vehicle# 2-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/04/2018 12:44:05	Inbound 2	JPRIME		Tare	105360 lb
Out	06/04/2018 12:44:05		JPRIME		Net	41880 lb
					Tons	63480 lb
Comments						31.74

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RBC- 100		31.74	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1485884

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/04/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001637  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

Time	Scale	Operator	Inbound	Gross	
In 06/04/2018 13:29:08	Inbound 2	JPRIME		Tare	106940 lb
Out 06/04/2018 13:29:08		JPRIME		Net	39980 lb
				Tons	66960 lb
					33.48

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		33.48	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

*Ron*





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1485896

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/04/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001037  
State Waste Code Gen EPA ID  
Manifest- NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/04/2018 13:47:04	Inbound 1	ZLEVIN		Tare	110180 lb
Out	06/04/2018 13:47:04		ZLEVIN		Net	41540 lb
					Tons	58640 lb
						34.32

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.32	Tons				MULT-IN

*BWalsen*

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1405949

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/05/2018 Vehicle# 2-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 06:37:44	Inbound 1	JPRIME		Tare	104380 lb
Out	06/05/2018 06:37:44		JPRIME		Net	41880 lb
					Tons	62500 lb
						31.25

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.25	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1485965

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/05/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver RON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 07:58:13	Inbound 1	JPRIME		Tare	108620 lb
Out	06/05/2018 07:58:13		JPRIME		Net	39980 lb
					Tons	68640 lb
						34.32

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.32	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

*Ron*







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1485966

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/05/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 07:59:29	Inbound 1	JPRIME		Tare	105520 lb
Out	06/05/2018 07:59:29		JPRIME		Net	41540 lb
					Tons	63980 lb
						31.99

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.99	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486036

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/05/2018 Vehicle# 2-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 160-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 10:33:42	Inbound 1	BLAKE1		Tare	100960 lb 41880 lb
Out	06/05/2018 10:33:42		BLAKE1		Net	59080 lb
					Tons	29.54

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-100		29.54	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486041

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/05/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 10:52:07	Inbound 1	BLAKE1		Tare	101100 lb
Out	06/05/2018 10:52:07		BLAKE1		Net	39980 lb
					Tons	61120 lb
						30.56

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		30.56	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486052

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/05/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NAS  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 11:13:07	Inbound 1	JPRIME		Tare	103980 lb
Out	06/05/2018 11:13:07		JPRIME		Net	41540 lb
					Tons	62440 lb
						31.22

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.22	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc.  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486106

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/05/2018 Vehicle# 2-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 13:31:27	Inbound 2	blake1		Tare	112140 lb
Out	06/05/2018 13:31:27		blake1		Net	41880 lb
					Tons	70260 lb
						35.13

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		35.13	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486122

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/05/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/05/2018 14:15:59	Inbound 2	blake1			107840 lb
Out	06/05/2018 14:15:59		blake1		Tare	39980 lb
					Net	67860 lb
					Tons	33.93

Comments

Consumer Comments? We want to know. Please call.

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		33.93	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

*Ron*







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486171

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/06/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/06/2018 06:39:14	Inbound 1	JPRIME		Tare	104020 lb
Out	06/06/2018 06:39:14		JPRIME		Net	41540 lb
					Tons	62480 lb
						31.24

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.24	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486172

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/06/2018 Vehicle# 12-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/06/2018 06:40:49	Inbound 2	BLAKE1		Tare	108820 lb 40380 lb
Out	06/06/2018 06:59:32	Outbound	JPRIME		Net	68440 lb
					Tons	34.22

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.22	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1406209

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/06/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver RON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

Time	Scale	Operator	Inbound	Gross	
In 06/06/2018 08:47:01	Inbound 2	ZLEVIN		Tare	111660 lb
Out 06/06/2018 08:47:01		ZLEVIN		Net	39980 lb
				Tons	71680 lb
					35.84

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		35.84	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486253

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/06/2018 Vehicle# 12-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver John  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/06/2018 09:53:06	Inbound 1	JPRIME		Tare	107360 lb
Out	06/06/2018 09:53:06		JPRIME		Net	40380 lb
					Tons	66980 lb
						33.49

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cent Soil Pet-RGC- 100		33.49	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486257

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/06/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/06/2018 09:58:38	Inbound 1	BLAKE1		Tare	107360 lb
Out	06/06/2018 09:58:38		BLAKE1		Net	40800 lb
					Tons	66560 lb
						33.28

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		33.28	Tons				MULT-IN

*B. Watson*

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486288

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/06/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/06/2018 11:27:01	Inbound 1	BLAKE1		Tare	108700 lb
Out	06/06/2018 11:27:01		BLAKE1		Net	39980 lb
					Tons	68720 lb
						34.36

Comments

Consumer Comments? We want to know. Please call.

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	34.36	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

*Ron*





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486339

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/06/2018 Vehicle# 12-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

Time	Scale	Operator	Inbound	Gross	107400 lb
In 06/06/2018 13:11:34	Inbound 2	JPRIME		Tare	40380 lb
Out 06/06/2018 13:11:34		JPRIME		Net	67020 lb
				Tons	33.51

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		33.51	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486340

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/06/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 10-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/06/2018 13:12:17	Inbound 1	ZLEVIN		Tare	110300 lb
Out	06/06/2018 13:12:17		ZLEVIN		Net	40800 lb
					Tons	69500 lb
						34.75

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.75	Tons				MULT-IN

*Bhatsan*

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486358

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/06/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

Time	Scale	Operator	Inbound	Gross	
In 06/06/2018 14:00:12	Inbound 2	JPRIME		Tare	109520 1b
Out 06/06/2018 14:00:12		JPRIME		Net	39980 1b
				Tons	69540 1b
					34.77

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.77	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1406429

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/07/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver RONNY  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 160-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/07/2018 07:50:40	Inbound 1	JPRIME		Tare	111520 lb
Out	06/07/2018 07:50:40		JPRIME		Net	39980 lb
					Tons	71540 lb
						35.77

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		35.77	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486430

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/07/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/07/2018 07:57:46	Inbound 1	JPRIME		Tare	105620 lb
Out	06/07/2018 07:57:46		JPRIME		Net	40800 lb
					Tons	64820 lb
						32.41

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		32.41	Tons				MULT-IN

*Bh Watson*

Total Tax  
Total Ticket

Driver's Signature



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1486428

Customer Name ANDERSONENV  
Ticket Date 06/07/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver brock  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	107000	lb
In	06/07/18 07:49:34 AM	Inbound 1	BLAKE1		Tare	42980	lb
Out	06/07/18 08:10:58 AM	Outbound	jprime		Net	64020	lb
					Tons	32.01	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	32.01	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486485

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/07/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver RON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/07/2018 10:33:06	Inbound 2	ZLEVIN		Tare	105760 lb
Out	06/07/2018 10:33:06		ZLEVIN		Net	39980 lb
					Tons	65780 lb
						32.89

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		32.89	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486491

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/07/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/07/2018 10:46:49	Inbound 1	JPRIME		Tare	109600 lb
Out	06/07/2018 10:46:49		JPRIME		Net	40800 lb
					Tons	68800 lb
						34.40

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.40	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486547

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/07/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/07/2018 13:11:19	Inbound 1	BLAKE1		Tare	102500 lb
Out	06/07/2018 13:11:19		BLAKE1		Net	39980 lb
					Tons	62520 lb
						31.26

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.26	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486555

Customer Name	ANDERSONENV ANDERSON ENVIRONM	Carrier	Sines Const	Volume
Ticket Date	06/07/2018	Vehicle#	07-PUP	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001837	
State Waste Code		Gen EPA ID		
Manifest	NA			
Destination		Grid		
PQ	18-020			
Profile	1274440R (LF02 Nonhaz PCB Contaminated Soil )			
Generator	168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)			

	Time	Scale	Operator	Inbound	Gross	
In	06/07/2018 13:28:21	Inbound 1	BLAKE1		Tare	107640 lb
Out	06/07/2018 13:28:21		BLAKE1		Net	40800 lb
					Tons	56840 lb
						33.42

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pat-RGC- 100		33.42	Tons				MULT-IN

*Bl Watson*

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486644

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/08/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2018 08:52:45	Inbound 1	BLAKE1		Tare	108340 lb
Out	06/08/2018 08:52:45		BLAKE1		Net	39980 lb
					Tons	68360 lb
						34.18

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.18	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

*Ron*





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486649

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/08/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 127444DR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2018 08:58:28	Inbound 1	BLAKE1		Tare	114920 lb
Out	06/08/2018 08:58:28		BLAKE1		Net	40800 lb
					Tons	74120 lb
						37.06

Comments

Consumer Comments? We want to know. Please call.

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		37.06	Tons				MULT-IN

*B. Watson*

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1486677

Customer Name ANDERSONENV  
Ticket Date 06/08/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	105200	lb
In	06/08/18 10:31:55 AM	Inbound 2	BLAKE1		Tare	42980	lb
Out	06/08/18 10:31:55 AM		BLAKE1		Net	62220	lb
					Tons	31.11	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	31.11	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1486704

Customer Name ANDERSONENV  
Ticket Date 06/08/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier Sines Const  
Vehicle# 08-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	105120	lb
In	06/08/18 11:50:08 AM	Inbound 1	BLAKE1		Tare	39980	lb
Out	06/08/18 11:50:08 AM		BLAKE1		Net	65140	lb
					Tons	32.57	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	32.57	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486706

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/08/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2018 11:51:10	Inbound 1	BLAKE1		Tare	106860 lb
Out	06/08/2018 11:51:10		BLAKE1		Net	40800 lb
					Tons	66060 lb
						33.03

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		33.03	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1486750

Customer Name ANDERSONENV  
Ticket Date 06/08/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver BROCK  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	106320	lb
In	06/08/18 01:37:55 PM	Inbound 2	zlevin		Tare	42980	lb
Out	06/08/18 01:37:55 PM		zlevin		Net	63340	lb
					Tons	31.67	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	31.67	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486762

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/08/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2018 14:50:22	Inbound 1	jprime		Tare	105160 lb
Out	06/08/2018 14:50:22		jprime		Net	39980 lb
					Tons	65180 lb
						32.59

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		32.59	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1486763

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/08/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2018 14:53:46	Inbound 1	jprime		Tare	108460 lb
Out	06/08/2018 14:53:46		jprime		Net	40800 lb
					Tons	67660 lb
						33.83

Comments

Consumer Comments? We want to know. Please call.

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		33.83	Tons				MULT-IN

*Signature*

Total Tax  
Total Ticket

Driver's Signature



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487327

Customer Name ANDERSONENV  
Ticket Date 06/13/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest na  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver brock  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	103200	lb
In	06/13/18 09:27:15 AM	Inbound 1	JPRIME		Tare	42980	lb
Out	06/13/18 09:27:15 AM		JPRIME		Net	60220	lb
					Tons	30.11	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	30.11	Tons				MULT-IN

Driver's Signature \_\_\_\_\_ Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1407734

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/13/2018 Vehicle# 12-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/13/2018 09:42:57	Inbound 2	zlevin		Tare	102640 lb
Out	06/13/2018 09:42:57		zlevin		Net	40380 lb
					Tons	62260 lb
						31.13

Comments :

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil Pet-RGC- 100		31.13	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487357

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/13/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/13/2018 10:19:43	Inbound 2	zlevin		Tare	111700 lb
Out	06/13/2018 10:19:43		zlevin		Net	40800 lb
					Tons	70900 lb
						35.45

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		35.45	Tons				MULT-IN

*B. Watson*

Total Tax  
Total Ticket

Driver's Signature



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487358

Customer Name ANDERSONENV  
Ticket Date 06/13/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest na  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier Sines Const  
Vehicle# 08-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	108220	lb
In	06/13/18 10:22:23 AM	Inbound 1	blake1		Tare	39980	lb
Out	06/13/18 10:22:23 AM		blake1		Net	68240	lb
					Tons	34.12	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	34.12	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487426

Customer Name ANDERSONENV  
Ticket Date 06/13/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	113520	lb
In	06/13/18 12:11:01 PM	Inbound 1	jprime		Tare	42980	lb
Out	06/13/18 12:11:01 PM		jprime		Net	70540	lb
					Tons	35.27	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	35.27	Tons				MULT-IN

Driver's Signature \_\_\_\_\_ Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487443

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier ADVENTURE  
Ticket Date 06/13/2018 Vehicle# 12-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver JOHN  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA Grid  
Destination  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/13/2018 12:42:49	Inbound 2	ZLEVIN		Tare	112020 lb
Out	06/13/2018 12:42:49		ZLEVIN		Net	40380 lb
					Tons	71640 lb
						35.82

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		35.82	Tons				MULT-IN.

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487460

Customer Name	ANDERSONENV ANDERSON ENVIRONM	Carrier	Sines Const	Volume
Ticket Date	06/13/2018	Vehicle#	07-PUP	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver	BRANDON	
Hauling Ticket#		Check#		
Route		Billing #	0001837	
State Waste Code		Gen EPA ID		
Manifest	NA			
Destination		Grid		
PO	18-020			
Profile	1274440R (LF02 Nonhaz PCB Contaminated Soil )			
Generator	168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)			

	Time	Scale	Operator	Inbound	Gross	
In	06/13/2018 13:07:26	Inbound 1	JPRIME		Tare	110640 lb
Out	06/13/2018 13:07:26		JPRIME		Net	40800 lb
					Tons	69840 lb
						34.92

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		34.92	Tons				MULT-IN

*B. Watson*

Total Tax  
Total Ticket

Driver's Signature



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487472

Customer Name ANDERSONENV  
Ticket Date 06/13/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier Sines Const  
Vehicle# 08-PUP Volume  
Container  
Driver RON  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	113100	lb
In	06/13/18 01:32:45 PM	Inbound 2	ZLEVIN		Tare	39980	lb
Out	06/13/18 01:32:45 PM		ZLEVIN		Net	73120	lb
					Tons	36.56	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	36.56	Tons				MULT-IN

Driver's Signature \_\_\_\_\_ Total Fees  
Total Ticket



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487542

Customer Name ANDERSONENV  
Ticket Date 06/14/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 12-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	108580	lb
In	06/14/18 06:41:26 AM	Inbound 1	BLAKE1		Tare	40380	lb
Out	06/14/18 06:41:26 AM		BLAKE1		Net	68200	lb
					Tons	34.1	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	34.1	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487543

Customer Name ANDERSONENV  
Ticket Date 06/14/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver BROCK  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	109680	lb
In	06/14/18 06:42:27 AM	Inbound 2	ZLEVIN		Tare	42980	lb
Out	06/14/18 06:42:27 AM		ZLEVIN		Net	66700	lb
					Tons	33.35	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	33.35	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487585

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/14/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver ron  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/14/2018 08:31:06	Inbound 2	ZLEVIN		Tare	103580 lb
Out	06/14/2018 08:31:06		ZLEVIN		Net	39980 lb
					Tons	63600 lb
						31.80

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		31.80	Tons				MULT-IN

Total Tax  
Total Ticket

Driver's Signature

Ron







Hillsboro Landfill, In  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487589

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/14/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver BRANDON  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 12744-UR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

Time	Scale	Operator	Inbound	Gross	
In 06/14/2018 08:32:15	Inbound 2	ZLEWIN		Tare	111660 lb
Out 06/14/2018 08:39:15		ZLEWIN		Net	40800 lb
				Tons	70860 lb
					35.43

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-	100	35.43	Tons				MULT-IN

*B. Watson*

Total Tax  
Total Ticket

Signature





Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487631

Customer Name ANDERSONENV  
Ticket Date 06/14/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	108380	lb
In	06/14/18 09:29:28 AM	Inbound 1	BLAKE1		Tare	42980	lb
Out	06/14/18 09:29:28 AM		BLAKE1		Net	65400	lb
					Tons	32.7	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	32.7	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487634

Customer Name ANDERSONENV  
Ticket Date 06/14/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 12-PUP Volume  
Container  
Driver RON  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	102840	lb
In	06/14/18 09:32:30 AM	Inbound 2	ZLEVIN		Tare	40380	lb
Out	06/14/18 09:32:30 AM		ZLEVIN		Net	62460	lb
					Tons	31.23	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	31.23	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487685

Customer Name ANDERSON ENVIRONMENTAL  
Ticket Date 06/14/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
State Waste Code  
Manifest NA  
Destination  
PG 18-020  
Profile 127440 (LF02 Nonhaz PCB Contaminated Soil)  
Generator 100-001 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST.)

Carrier Sines Const  
Vehicle# 08-PUP  
Container  
Driver RONNY  
Check#  
Billing # 0001837  
Gen-EPA ID

Volume

Time	Scale	Operator	Inbound	Gross	
In 06/14/2018 11:10:27	Inbound 1	Jprinc		Tare	105240 lb
Out 06/14/2018 11:10:27		Jprinc		Net	39380 lb
				Tons	65260 lb
					32.63

Comments

Customer Comments? We want to know. Please call.

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RCD	100	32.63	Tons				MULT-IN

Total Tax  
Total Ticket







Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487692

Customer Name	ANDERSONENV ANDERSON ENVIRONM	Carrier	Sines Const	Volume
Ticket Date	06/14/2018	Vehicle#	07-PUP	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver	BRANDON	
Hauling Ticket#		Check#		
Route		Billing #	0001837	
State Waste Code		Gen EPA ID		
Manifest	NA			
Destination		Grid		
PO	18-020			
Profile	127444DR (LF02 Nonhaz PCB Contaminated Soil )			
Generator	169-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)			

Time	Scale	Operator	Inbound	Gross	
In 06/14/2018 11:33:38	Inbound 2	ZLEVIN		Tare	107560 lb
Out 06/14/2018 11:33:38		ZLEVIN		Net	40800 lb
				Tons	66760 lb
					33.38

Comments

Consumer Comments? We want to know. Please call.

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RC- 100		33.38	Tons				MULT-IN

*Brandon*

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487714

Customer Name ANDERSONENV  
Ticket Date 06/14/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	104060	lb
In	06/14/18 12:24:38 PM	Inbound 1	blake1		Tare	42980	lb
Out	06/14/18 12:24:38 PM		blake1		Net	61080	lb
					Tons	30.54	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	30.54	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487716

Customer Name ANDERSONENV  
Ticket Date 06/14/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 12-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	103680	lb
In	06/14/18 12:29:43 PM	Inbound 1	blake1		Tare	40380	lb
Out	06/14/18 12:29:43 PM		blake1		Net	63300	lb
					Tons	31.65	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	31.65	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487769

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/14/2018 Vehicle# 08-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest NA  
Destination Grid  
PO 18-020  
Profile 1274440R (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/14/2018 13:47:21	Inbound 2	BLAKE1			110760 lb
Out	06/14/2018 13:47:21		BLAKE1		Tare	39980 lb
					Net	70780 lb
					Tons	35.39

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		35.39	Tons				MULT-IN

Driver's Signature

*Ren*

Total Tax  
Total Ticket





Hillsboro Landfill, Inc  
3205 SE Minter Bridge  
Hillsboro, OR, 97123  
Ph: (503)-640-9427

Original  
Ticket# 1487780

Customer Name ANDERSONENV ANDERSON ENVIRONM Carrier Sines Const  
Ticket Date 06/14/2018 Vehicle# 07-PUP Volume  
Payment Type Credit Account Container  
Manual Ticket# Driver  
Hauling Ticket# Check#  
Route Billing # 0001837  
State Waste Code Gen EPA ID  
Manifest na  
Destination Grid  
PO 18-020  
Profile 127444OR (LF02 Nonhaz PCB Contaminated Soil )  
Generator 168-PGE1 PORTLAND GENERAL ELECTRIC COMPANY (121 SW SALMON ST)

	Time	Scale	Operator	Inbound	Gross	
In	06/14/2018 14:20:59	Inbound 2	BLAKE1		Tare	107480 lb 40800 lb
Out	06/14/2018 14:20:59		BLAKE1		Net	66680 lb
					Tons	33.34

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
-1 Cont Soil Pet-RGC- 100		33.34	Tons				MULT-IN

*B. Watson*

Total Tax  
Total Ticket

Driver's Signature





Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487839

Customer Name ANDERSONENV  
Ticket Date 06/15/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 12-PUP Volume  
Container  
Driver JOHN  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	106500	lb
In	06/15/18 06:56:58 AM	Inbound 2	zlevin		Tare	40380	lb
Out	06/15/18 06:56:58 AM		zlevin		Net	66120	lb
					Tons	33.06	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	33.06	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487842

Customer Name ANDERSONENV  
Ticket Date 06/15/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier ADVENTURE  
Vehicle# 13-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	108260	lb
In	06/15/18 07:02:13 AM	Inbound 1	BLAKE1		Tare	42980	lb
Out	06/15/18 07:02:13 AM		BLAKE1		Net	65280	lb
					Tons	32.64	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	32.64	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487899

Customer Name ANDERSONENV  
Ticket Date 06/15/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier Sines Const  
Vehicle# 08-PUP Volume  
Container  
Driver  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	101080	lb
In	06/15/18 09:09:54 AM	Inbound 1	blake1		Tare	39980	lb
Out	06/15/18 09:09:54 AM		blake1		Net	61100	lb
					Tons	30.55	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	30.55	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1487900

Customer Name ANDERSONENV  
Ticket Date 06/15/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest NA  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier Sines Const  
Vehicle# 07-PUP Volume  
Container  
Driver BRANDON  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	111060	lb
In	06/15/18 09:10:15 AM	Inbound 2	zlevin		Tare	40800	lb
Out	06/15/18 09:10:15 AM		zlevin		Net	70260	lb
					Tons	35.13	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	35.13	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1488357

Customer Name ANDERSONENV  
Ticket Date 06/19/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest ORR-35028  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier west coast marine  
Vehicle# 162 Volume  
Container  
Driver KATHY  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	58960	lb
In	06/19/18 09:40:09 AM	Inbound 2	ZLEVIN		Tare	32400	lb
Out	06/19/18 10:08:35 AM	Outbound	BLAKE1		Net	26560	lb
					Tons	13.28	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	13.28	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1488359

Customer Name ANDERSONENV  
Ticket Date 06/19/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest ORR-35028  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier west coast marine  
Vehicle# 169 Volume  
Container  
Driver DOUGLAS  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	56400	lb
In	06/19/18 09:42:33 AM	Inbound 2	ZLEVIN		Tare	33520	lb
Out	06/19/18 10:12:31 AM	Outbound	BLAKE1		Net	22880	lb
					Tons	11.44	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	11.44	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket

Hillsboro Landfill  
3205 SE MINTER BRIDGE RD,  
HILLSBORO, OR, 97123-5350  
Ph: (503) 640-9427

Reprint Ticket # 1488362

Customer Name ANDERSONENV  
Ticket Date 06/19/2018  
Payment Type Credit Account  
Manual Ticket#  
Hauling Ticket#  
Route  
StateWasteCode  
Manifest ORR-35028  
Destination  
PO# 18-020  
Profile 127444OR(LF02 Nonhaz PCB Contaminated Soil )  
Generator 5741 168-PGE1

Carrier west coast marine  
Vehicle# 161 Volume  
Container  
Driver TERRY  
Check#  
Billing# 0001837  
Gen EPA ID  
Grid

	Time	Scale	Operator	Inbound	Gross	61780	lb
In	06/19/18 09:49:14 AM	Inbound 2	ZLEVIN		Tare	32480	lb
Out	06/19/18 10:19:29 AM	Outbound	BLAKE1		Net	29300	lb
					Tons	14.65	

Comments

Products	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-Tons-Cont. Soil	100	14.65	Tons				MULT-IN

Driver's Signature \_\_\_\_\_

Total Fees  
Total Ticket



Chemical Waste Management of the Northwest, Inc.

17629 Cedar Springs Lane

Arlington, OR 97812

541-454-2643

Date: 6/20/18

PORTLAND GENERAL ELECTRIC

ATTN: JACOB NEAL

121 SW SALMON ST MS 3ETCBR05

PORTLAND OR 97204-2901

This letter is to inform your office of the following discrepancy(s), errors or omissions identified on the manifest, land disposal certification, lab pack inventory, or other applicable manifest attachment which accompanied your waste shipment on:

Manifest Number: 007560553JJK

Profile Number: OR337940

Shipment Date: 06/01/18

CWMNW Load Number: 462433

**Description: Change the TSDf address in section 8 from 17829 Cedar Springs Lane, to 17629 Cedar Springs Lane.**

This information has been corrected/added to our records. Please attach this letter to your manifest copy as an addendum.

A handwritten signature in blue ink that reads 'Becky Sumner'. The signature is written in a cursive style and is positioned above a horizontal line.

Chemical Waste Management of the Northwest, Inc.



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

144-385-40  
462433

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number ORZ000001087	2. Page 1 of 1	3. Emergency Response Phone (800) 424-9300	4. Manifest Tracking Number <b>007560553 JJK</b>	
5. Generator's Name and Mailing Address PORTLAND GENERAL ELECTRIC 121 SW SALMON ST MS 3WTCBR05 PORTLAND OR 97204-2901 Generator's Phone: (503) 464-8520			Generator's Site Address (if different than mailing address) PGE - BORS PROPERTY SOUTH TEAM COURT OREGON CITY OR 97045			
6. Transporter 1 Company Name TIDEWATER ENVIRONMENTAL SERVICES (DBA) WEST COAST MARINE			U.S. EPA ID Number WAH000053774			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. 17829 CEDAR SPRINGS LANE ARLINGTON OR 97812-9709 Facility's Phone: (541) 454-2643			U.S. EPA ID Number ORD089452353			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, II OR337940		1	CM	5448	k
	2.					
	3.					
4.						
13. Waste Codes X002						
14. Special Handling Instructions and Additional Information 1. OR337940 - PCB - CONTAMINATED DEMOLITION DEBRIS NAERG (171) PO# 18-020 E/R PROVIDER? CHEMTREC. (1-800-424-9300) / CONTRACT NUMBER: 24117 <i>Out of Service 5-31-18 box 385-40 5171 kg</i>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name ERIC Saba			Signature <i>[Signature]</i>		Month Day Year 10/1/18	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Transporter signature (for exports only): Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Kirk Porter Signature Kirk Porter Month Day Year 10/6/18 Transporter 2 Printed/Typed Name Signature Month Day Year						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Maria Bartlett Signature Maria Bartlett Month Day Year 10/1/18						



Chemical Waste Management of the Northwest, Inc.

17629 Cedar Springs Lane

Arlington, OR 97812

541-454-2643

Date: 6/20/18

PORTLAND GENERAL ELECTRIC

ATTN: JACOB NEAL

121 SW SALMON ST MS 3ETCBR05

PORTLAND OR 97204-2901

This letter is to inform your office of the following discrepancy(s), errors or omissions identified on the manifest, land disposal certification, lab pack inventory, or other applicable manifest attachment which accompanied your waste shipment on:

Manifest Number: 007560552JJK

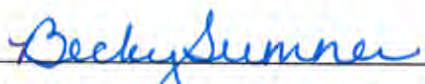
Profile Number: OR337940

Shipment Date: 06/01/18

CWMNW Load Number: 462434

**Description: Change the TSDF address in section 8 from 17829 Cedar Springs Lane, to 17629 Cedar Springs Lane.**

This information has been corrected/added to our records. Please attach this letter to your manifest copy as an addendum.

  
\_\_\_\_\_  
Chemical Waste Management of the Northwest, Inc.

144  
304-40

462434

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number ORZ000001087	2. Page 1 of 1	3. Emergency Response Phone (800) 424-9300	4. Manifest Tracking Number 007560552 JJK		
5. Generator's Name and Mailing Address PORTLAND GENERAL ELECTRIC 121 SW SALMON ST MS 3WICBR05 PORTLAND OR 97204-2901 Generator's Phone: (503) 464-8520			Generator's Site Address (if different than mailing address) PGE - BORS PROPERTY SOUTH TEAM COURT OREGON CITY OR 97045				
6. Transporter 1 Company Name TIDEWATER ES (DBA) WEST COAST MARINE			U.S. EPA ID Number WAH000053774				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. 17829 CEDAR SPRINGS LANE ARLINGTON OR 97812-9709 Facility's Phone: (541) 454-2643			U.S. EPA ID Number ORD089452353				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	1. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, II OR337940		1	CM	5448	k	X002
	2.						
	3.						
4.							
14. Special Handling Instructions and Additional Information 1. OR337940 - PCB - CONTAMINATED DEMOLITION DEBRIS NAERG (171) PO# 18-020 E/R PROVIDER: CHEMTREC (1-800-424-9300) / CONTRACT NUMBER: 24117 OUT of Service 5-31-18 box 384-40 5171K9							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Rick Porter for PGE Signature Rick Porter Month Day Year 10/6/18							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Rick Porter Signature Rick Porter Month Day Year 10/6/18 Transporter 2 Printed/Typed Name Signature Month Day Year							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H32 2. 3. 4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 10a Printed/Typed Name Eric S. Mariabartlett Signature Eric S. Mariabartlett Month Day Year 10/6/18							

**Attachment D**

Clean Fill Tickets



AN HDU RESOURCES COMPANY

**Coffee Lake Aggregate**

11911 SW Waldo Way  
Sherwood, OR 97140

FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: 14380293  
Truck No: END402TR  
Truck Type: TR  
Scale: 0  
Driver:

Date: 6/13/2018 7:20 am

Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: 2499340 3/4"-0 CRUSHED

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg	
Gross	105180	47.71	*
Tare	41000	18.60	*
Net	64180	29.11	*

QTY: 32.09 Other QTY:

Last Tare Time: 8:57:11AM

Last Tare Date: 6/12/2018

Ton Today: 32.09

Mg Today: 29.11

Loads Today: 1

Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle. Is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job acc to OREGON REVISED STATUTE 87021.

Signature: \_\_\_\_\_





AN MDU RESOURCES COMPANY

### Coffee Lake Aggregate

11911 SW Waldo Way  
Sherwood, OR 97140

FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: 14380319  
Truck No: END402TR  
Truck Type: TR  
Scale: 2  
Driver:

Date: 6/13/2018 9:10 am

Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: 2499340 3/4"-0 CRUSHED

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	102100	46.31
Tare	41000	18.60
Net	61100	27.71

QTY 30.55 Other QTY:

Last Tare Time: 8:57:11AM

Last Tare Date: 6/12/2018

Ton Today: 62.64

Mg Today: 56.83

Loads Today: 2

Deliver:

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle. This is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87.021.

Signature: \_\_\_\_\_



AN MDU RESOURCES COMPANY

**Coffee Lake Aggregate**

11911 SW Waldo Way  
Sherwood, OR 97140

FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: 14380363

Truck No: END402TR

Truck Type: TR

Scale: 2

Driver:

Date: 6/13/2018 10:57 am

Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: 2499340 3/4"-0 CRUSHED

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	102700	46.58
Tare	41000	18.60 *
Net	61700	27.99

QTY: 30.85 Other QTY:

Last Tare Time: 8:57:11AM

Last Tare Date: 6/12/2018

Ton Today: 93.49

Mg Today: 84.81

Loads Today: 3

Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle. AN ANNUAL PERCENTAGE RATE OF 10%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87021.

Signature: \_\_\_\_\_



AN MDU RESOURCES COMPANY

**Coffee Lake Aggregate**  
11911 SW Waldo Way  
Sherwood, OR 97140

FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: 14380401

Truck No: END402TR

Truck Type: TR

Scale: ?

Driver:

Date: 6/13/2018 12:32 pm

Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: 2499340 3/4"-0 CRUSHED

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	102100	46.31
Tare	41000	18.60 *
Net	61100	27.71

QTY 30.55 Other QTY:

Last Tare Time: 8:57:11AM

Last Tare Date: 6/12/2018

Ton Today 124.04

Mg Today: 112.53

Loads Today: 4

Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle. AN ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87021.

Signature: \_\_\_\_\_





AN MDU RESOURCES COMPANY

**Coffee Lake Aggregate**  
11911 SW Waldo Way  
Sherwood, OR 97140

FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: 14380432  
Truck No: END402TR  
Truck Type: TR  
Scale: ?  
Driver:

Date: 6/13/2018 2:13 pm

Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: 2499340 3/4"-0 CRUSHED

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	104300	47.31
Tare	41000	18.60
Net	63300	28.71

QTY 31.65 Other QTY:

Last Tare Time: 8:57:11AM

Last Tare Date: 6/12/2018

Ton Today 155.69

Mg Today: 141.24

Loads Today: 5

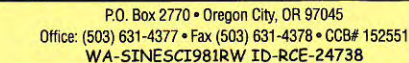
Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle. AN ANNUAL PERCENTAGE RATE OF 10%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87021

Signature: \_\_\_\_\_





P.O. BOX 2770  
OREGON CITY, OR 97045

DATE 07/31/2018

TRUCK DISPATCH: BROCK- 503-887-0422

## COMPANY

DRIVER: John Sublette TRAILER # \_\_\_\_\_

TRUCK # 08**TRAVEL:**

BEGIN: \_\_\_\_\_ END: \_\_\_\_\_

DRIVER TOTAL HOURS

TOTAL TRAVEL: \_\_\_\_\_ ENDING MILEAGE: \_\_\_\_\_

LUNCH/DOWN: \_\_\_\_\_ BEGIN MILEAGE: 259538

FUEL: \_\_\_\_\_ TOTAL MILES: \_\_\_\_\_

**OUT OF STATE MILEAGE:**

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

# TRIPS: \_\_\_\_\_ TOTAL MILES: \_\_\_\_\_

**CONTRACTOR:**

ADDRESS:

P.O./JOB #

JOB SITE: Oregon City

☐ MATERIALS/DUMP FEES

START TIME: 230 am LUNCH TIME:

STOP TIME: 200 DOWN TIME:

TOTAL HOURS: 6.5

## REASON FOR DELAY:

\$110 per hour rate

DRIVER'S SIGNATURE

**TOTAL LDS.**

TOTAL

This account due and payable on the 15th day of the month following the date hereof.

The parties expressly agree by their signatures hereto that interest shall accrue at the rate of 18% per annum on all past due accounts.

If this account is placed in the hands of an attorney for collection the Contractor/Employer agrees to pay Sub-Contractor/Employees reasonable attorney fees and collection costs even though no suit or action is filed on the account; however, if suit or action is filed, the amount of such reasonable attorney fees shall be fixed by the court.

A lien may be claimed for labor, materials, rentals, and reasonable profit under Oregon Revised Statutes, Chapter 87.

**ALL JOBS BILLED MIN 4 HOURS**

**NOT RESPONSIBLE FOR DAMAGE BEHIND CURB LINE.**

SIGNATURE







Coffee Lake Aggregate  
11911 SW Waldo Way  
Sherwood, OR 97140  
FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: 14386346  
Truck No: 0480733TR  
Truck Type: TR  
Scale: 2  
Driver:

Date: 7/31/2018 3:30 pm  
Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: 2499340 3/4"-0 CRUSHED

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	99340	45.06
Tare	41640	18.89 *
Net	57700	26.17

QTY 28.85 Other QTY:  
Last Tare Time: 9:18:32AM  
Last Tare Date: 5/14/2018  
Ton Today 154.35  
Mg Today: 140.02  
Loads Today: 5  
Deliver  
Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87021

Signature: \_\_\_\_\_



Coffee Lake Aggregate  
11911 SW Waldo Way  
Sherwood, OR 97140  
FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: 14386301  
Truck No: 0480733TR  
Truck Type: TR  
Scale: 2  
Driver:

Date: 7/31/2018 1:45 pm  
Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: 2499340 3/4"-0 CRUSHED

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	104620	47.45
Tare	41640	18.89 *
Net	62980	28.57

QTY 31.49 Other QTY:  
Last Tare Time: 9:18:32AM  
Last Tare Date: 5/14/2018  
Ton Today 125.50  
Mg Today: 113.85  
Loads Today: 4  
Deliver  
Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87021

Signature: \_\_\_\_\_





**Coffee Lake Aggregate**  
11911 SW Waldo Way  
Sherwood, OR 97140  
FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: **14386376**  
Truck No: 0480744TR  
Truck Type: TR  
Scale: 1  
Driver:

Date: 8/1/2018 7:21 am  
Customer: 30222

**ANDERSON ENVIRON CONTR LLC**

Order: 72354  
Address: 18235 S. GRASLE RD, OREGON CITY  
Project: GRASLE RD PROJECT  
P.O.:

Product: **2499340 3/4"-0 CRUSHED**

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	105660	47.93
Tare	41560	18.85 *
Net	64100	29.08

QTY: **32.05** Other QTY:

Last Tare Time: 1:02:05PM

Last Tare Date: 7/27/2018

Ton Today 32.05

Mg Today: 29.08

Loads Today: 1

Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87021

Signature: \_\_\_\_\_



**Coffee Lake Aggregate**  
11911 SW Waldo Way  
Sherwood, OR 97140  
FOR INFO PLEASE CALL  
(503)-944-3570

Ticket No: **14386072**  
Truck No: 0480733TR  
Truck Type: TR  
Scale: 1  
Driver:

Date: 7/31/2018 7:26 am  
Customer: 30222

**ANDERSON ENVIRON CONTR LLC**

Order: 72354  
Address: 18235 S. GRASLE RD, OREGON CITY  
Project: GRASLE RD PROJECT  
P.O.:

Product: **2499340 3/4"-0 CRUSHED**

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	104660	47.47
Tare	41640	18.89 *
Net	63020	28.59

QTY: **31.51** Other QTY:

Last Tare Time: 9:18:32AM

Last Tare Date: 5/14/2018

Ton Today 31.51

Mg Today: 28.59

Loads Today: 1

Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job according to OREGON REVISED STATUTE 87021

Signature: \_\_\_\_\_



**Coffee Lake Aggregate**  
11911 SW Waldo Way  
Sherwood, OR 97140  
FOR INFO PLEASE CALL  
(503)-844-3570

Ticket No: **14386225**  
Truck No: **0480733TR**  
Truck Type: **TR**  
Scale: **2**  
Driver:

Date: 7/31/2018 11:45 am

Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: **2499340 3/4"-0 CRUSHED**

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	104720	47.50
Tare	41640	18.89 *
Net	63080	28.61

QTY: **31.54** Other QTY:

Last Tare Time: 9:18:32AM

Last Tare Date: 5/14/2018

Ton Today 94.01

Mg Today: 85.28

Loads Today: 3

Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job acc to OREGON REVISED STATUTE 87021

Signature: \_\_\_\_\_



**Coffee Lake Aggregate**  
11911 SW Waldo Way  
Sherwood, OR 97140  
FOR INFO PLEASE CALL  
(503)-844-3570

Ticket No: **14386140**  
Truck No: **0480733TR**  
Truck Type: **TR**  
Scale: **2**  
Driver:

Date: 7/31/2018 9:33 am

Customer: 30222

ANDERSON ENVIRON CONTR LLC

Order: 72354

Address: 18235 S. GRASLE RD, OREGON CITY

Project: GRASLE RD PROJECT

P.O.:

Product: **2499340 3/4"-0 CRUSHED**

Other:

Directions: 205 N, EXIT 10, R-HWY 213, R-RED  
LAND, R-MARKLUND DR, L-GRASLE  
RANDY 360-957-5380

	Pounds	Mg
Gross	103560	46.97
Tare	41640	18.89 *
Net	61920	28.09

QTY: **30.96** Other QTY:

Last Tare Time: 9:18:32AM

Last Tare Date: 5/14/2018

Ton Today 62.47

Mg Today: 56.67

Loads Today: 2

Deliver

Weighmaster: Ben Christensen

TERMS: NET CASH SALES PAYABLE UPON PICKUP OR DELIVERY. CHARGE SALES DUE AND PAYABLE BY THE 10TH OF MONTH FOLLOWING PURCHASE. A service charge of 1.5% per month or a minimum of \$1.00 will be made on the unpaid balance at the end of the following months billing cycle is an ANNUAL PERCENTAGE RATE OF 18%. PERSONAL NOTICE: We reserve the right to claim lien for all labor and material furnished on this job acc to OREGON REVISED STATUTE 87021

Signature: \_\_\_\_\_



## McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144520  
Transaction #: 252982  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 7:54:16 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL  
18235 S GRASLE ROAD  
OREGON CITY, OR 97045

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: SOUTH KING COURT/MARKLAND  
Delivery Instructions: ON ACCOUNT RANDY 360-957-5380 PIN 9194 DRIVER CALL RANDY WHEN LEAVING YARD

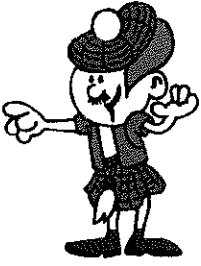
Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Discount	
	Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature \_\_\_\_\_





## McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144020  
Transaction #: 252965  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 6:22:26 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL  
18235 S GRASLE ROAD  
OREGON CITY, OR 97045

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: SOUTH KING COURT/MARKLAND  
Delivery Instructions: ON ACCOUNT RANDY 360-957-5380 pin 9194 DRIVER CALL RANDY WHEN LEAVING YARD

Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature\_\_\_\_\_



## McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144526  
Transaction #: 253004  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 8:47:56 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: SOUTH KING COURT/MARKLAND  
Delivery Instructions: ON ACCOUNT RANDY 360-957-5380 PIN 9194 CALL RANDY WHEN LEAVING YARD

Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature\_\_\_\_\_



## McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144534  
Transaction #: 253026  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 9:47:05 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: SOUTH KING COURT/MARKLAND  
Delivery Instructions: ON ACCT RANDY 360-957-5380 PIN 9194 CALL RANDY WHEN LEAVING YARD

Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Discount Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature\_\_\_\_\_



## McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144541  
Transaction #: 253036  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 10:28:08 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL  
18235 S GRASLE ROAD  
OREGON CITY, OR 97045

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: SOUTH KING COURT/MARKLAND  
Delivery Instructions: ON ACCT RANDY 360-957-5380 PIN 9194 CALL RANDY WHEN LEAVING YARD

Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature\_\_\_\_\_





## McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144561  
Transaction #: 253062  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 11:44:21 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: S KING CT/MARKLAND  
Delivery Instructions: ON ACCT RANDY 360-957-5380 PIN 9194 CALL RANDY WHEN LEAVING YARD

Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Discount Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature \_\_\_\_\_



# McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144563  
Transaction #: 253061  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 11:43:51 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: S KING CT/ MARKLAND  
Delivery Instructions: ON ACCT RANDY 360-957-5380 PIN 9194 CALL RANDY WHEN LEAVING YARD

Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature\_\_\_\_\_



## McFarlane's Bark

13345 SE Johnson Rd.  
Milwaukie, OR 97222  
(503) 659-4240  
(503) 659-0237

## INVOICE

Delivery#: 144559  
Transaction #: 253065  
Account #: AND005  
Page: 1 of 1  
Date: 6/19/2018  
Time: 11:47:47 AM  
Cashier: LaurieH  
Register #: 8

Bill To: ANDERSON ENVIRONMENTAL CONTROL,  
LLC  
705 COLORADO STREET  
KELSO, WA 98626  
360-577-9194

Ship To: ANDERSON ENVIRONMENTAL  
18235 S GRASLE ROAD  
OREGON CITY, OR 97045

Shipping Carrier: McFarlane's Milwaukie  
Truck#: 195  
PO#: TRACEY  
Mapping: 718 C-3  
Cross Street: S KING CT/ MARKLAND  
Delivery Instructions: ON ACCT RANDY 360-957-5380 PIN 9194 DRIVER CALL RANDY WHEN LEAVING YARD

Item Lookup Code	Description	Quantity
302-Yard	Scottish Soil Yard	15
800	Discount	
	Trucking-Freight-Flat	15

### THANK YOU FOR YOUR BUSINESS!

Purchaser accepts all responsibility for any property damage caused by seller's truck or product beyond the curb line. Purchaser agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for seller's truck and that is clear of fixed objects, underground utilities or overhanging wires. Seller's vehicle is not permitted to travel inside of, or across curb lines. If so directed the purchaser assumes all responsibility for damages that may occur as a result of seller's vehicle inside curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

Customer Signature \_\_\_\_\_