

# **Appendix D**

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# CONSTRUCTION STORMWATER GENERAL PERMIT

National Pollutant Discharge Elimination System (NPDES) and State Waste Discharge General  
Permit for Stormwater Discharges Associated with Construction Activity

**State of Washington**  
**Department of Ecology**  
Olympia, Washington 98504

In compliance with the provisions of  
Chapter 90.48 Revised Code of Washington  
(State of Washington Water Pollution Control Act)  
and  
Title 33 United States Code, Section 1251 et seq.  
The Federal Water Pollution Control Act (The Clean Water Act)

Until this permit expires, is modified, or revoked, Permittees that have properly obtained coverage under this general permit are authorized to discharge in accordance with the special and general conditions that follow.



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## SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions within this permit for additional submittal requirements. Appendix A provides a list of definitions. Appendix B provides a list of acronyms.

**Table 1: Summary of Required Submittals**

Permit Section	Submittal	Frequency	First Submittal Date
<a href="#">S5.A</a> and <a href="#">S8</a>	High Turbidity/Transparency Phone Reporting	As Necessary	Within 24 hours
<a href="#">S5.B</a>	Discharge Monitoring Report	Monthly*	Within 15 days following the end of each month
<a href="#">S5.F</a> and <a href="#">S8</a>	Noncompliance Notification – Telephone Notification	As necessary	Within 24-hours
<a href="#">S5.F</a>	Noncompliance Notification – Written Report	As necessary	Within 5 Days of non-compliance
<a href="#">S9.C</a>	Request for Chemical Treatment Form	As necessary	Written approval from Ecology is required prior to using chemical treatment (with the exception of dry ice or CO <sub>2</sub> to adjust pH)
<a href="#">G2</a>	Notice of Change in Authorization	As necessary	
<a href="#">G6</a>	Permit Application for Substantive Changes to the Discharge	As necessary	
<a href="#">G8</a>	Application for Permit Renewal	1/permit cycle	No later than 180 days before expiration
<a href="#">G9</a>	Notice of Permit Transfer	As necessary	
<a href="#">G20</a>	Notice of Planned Changes	As necessary	
<a href="#">G22</a>	Reporting Anticipated Non-compliance	As necessary	

SPECIAL NOTE: \*Permittees must submit electronic Discharge Monitoring Reports (DMRs) to the Washington State Department of Ecology monthly, regardless of site discharge, for the full duration of permit coverage. Refer to Section S5.B of this General Permit for more specific information regarding DMRs.

**Table 2: Summary of Required On-site Documentation**

Document Title	Permit Conditions
Permit Coverage Letter	See Conditions <a href="#">S2</a> , <a href="#">S5</a>
Construction Stormwater General Permit	See Conditions <a href="#">S2</a> , <a href="#">S5</a>
Site Log Book	See Conditions <a href="#">S4</a> , <a href="#">S5</a>
Stormwater Pollution Prevention Plan (SWPPP)	See Conditions <a href="#">S9</a> , <a href="#">S5</a>

## SPECIAL CONDITIONS

### S1. PERMIT COVERAGE

#### A. Permit Area

This Construction Stormwater General Permit (CSWGP) covers all areas of Washington State, except for federal operators and Indian Country as specified in Special Condition S1.E.3.

#### B. Operators Required to Seek Coverage Under this General Permit:

1. Operators of the following construction activities are required to seek coverage under this CSWGP:
  - a. Clearing, grading and/or excavation that results in the disturbance of one or more acres (including off-site disturbance acreage authorized in S1.C.2) and discharges stormwater to surface waters of the State; and clearing, grading and/or excavation on sites smaller than one acre that are part of a larger common plan of development or sale, if the common plan of development or sale will ultimately disturb one acre or more and discharge stormwater to surface waters of the State.
    - i. This includes forest practices (including, but not limited to, class IV conversions) that are part of a construction activity that will result in the disturbance of one or more acres, and discharge to surface waters of the State (that is, forest practices that prepare a site for construction activities); and
  - b. Any size construction activity discharging stormwater to waters of the State that the Washington State Department of Ecology (Ecology):
    - i. Determines to be a significant contributor of pollutants to waters of the State of Washington.
    - ii. Reasonably expects to cause a violation of any water quality standard.
2. Operators of the following activities are not required to seek coverage under this CSWGP (unless specifically required under Special Condition S1.B.1.b. above):
  - a. Construction activities that discharge all stormwater and non-stormwater to ground water, sanitary sewer, or combined sewer, and have no point source discharge to either surface water or a storm sewer system that drains to surface waters of the State.
  - b. Construction activities covered under an Erosivity Waiver (Special Condition S2.C).
  - c. Routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility.

C. Authorized Discharges:

1. *Stormwater Associated with Construction Activity.* Subject to compliance with the terms and conditions of this permit, Permittees are authorized to discharge stormwater associated with construction activity to surface waters of the State or to a storm sewer system that drains to surface waters of the State. (Note that “surface waters of the State” may exist on a construction site as well as off site; for example, a creek running through a site.)
2. *Stormwater Associated with Construction Support Activity.* This permit also authorizes stormwater discharge from support activities related to the permitted construction site (for example, an on-site portable rock crusher, off-site equipment staging yards, material storage areas, borrow areas, etc.) provided:
  - a. The support activity relates directly to the permitted construction site that is required to have an NPDES permit; and
  - b. The support activity is not a commercial operation serving multiple unrelated construction projects, and does not operate beyond the completion of the construction activity; and
  - c. Appropriate controls and measures are identified in the Stormwater Pollution Prevention Plan (SWPPP) for the discharges from the support activity areas.
3. *Non-Stormwater Discharges.* The categories and sources of non-stormwater discharges identified below are authorized conditionally, provided the discharge is consistent with the terms and conditions of this permit:
  - a. Discharges from fire-fighting activities.
  - b. Fire hydrant system flushing.
  - c. Potable water, including uncontaminated water line flushing.
  - d. Hydrostatic test water.
  - e. Uncontaminated air conditioning or compressor condensate.
  - f. Uncontaminated ground water or spring water.
  - g. Uncontaminated excavation dewatering water (in accordance with S9.D.10).
  - h. Uncontaminated discharges from foundation or footing drains.
  - i. Uncontaminated or potable water used to control dust. Permittees must minimize the amount of dust control water used.
  - j. Routine external building wash down that does not use detergents.
  - k. Landscape irrigation water.

The SWPPP must adequately address all authorized non-stormwater discharges, except for discharges from fire-fighting activities, and must comply with Special Condition S3.

At a minimum, discharges from potable water (including water line flushing), fire hydrant system flushing, and pipeline hydrostatic test water must undergo the following: dechlorination to a concentration of 0.1 parts per million (ppm) or less, and pH adjustment to within 6.5 – 8.5 standard units (su), if necessary.

D. Prohibited Discharges:

The following discharges to waters of the State, including ground water, are prohibited.

1. Concrete wastewater.
2. Wastewater from washout and clean-up of stucco, paint, form release oils, curing compounds and other construction materials.
3. Process wastewater as defined by 40 Code of Federal Regulations (CFR) 122.2 (see Appendix A of this permit).
4. Slurry materials and waste from shaft drilling, including process wastewater from shaft drilling for construction of building, road, and bridge foundations unless managed according to Special Condition S9.D.9.j.
5. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.
6. Soaps or solvents used in vehicle and equipment washing.
7. Wheel wash wastewater, unless managed according to Special Condition S9.D.9.
8. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, unless managed according to Special Condition S9.D.10.

E. Limits on Coverage

Ecology may require any discharger to apply for and obtain coverage under an individual permit or another more specific general permit. Such alternative coverage will be required when Ecology determines that this CSWGP does not provide adequate assurance that water quality will be protected, or there is a reasonable potential for the project to cause or contribute to a violation of water quality standards.

The following stormwater discharges are not covered by this permit:

1. Post-construction stormwater discharges that originate from the site after completion of construction activities and the site has undergone final stabilization.
2. Non-point source silvicultural activities such as nursery operations, site preparation, reforestation and subsequent cultural treatment, thinning, prescribed burning, pest and fire control, harvesting operations, surface drainage, or road construction and maintenance, from which there is natural runoff as excluded in 40 CFR Subpart 122.
3. Stormwater from any federal operator.

4. Stormwater from facilities located on “Indian Country” as defined in 18 U.S.C. §1151, except portions of the Puyallup Reservation as noted below.

Indian Country includes:

- a. All land within any Indian Reservation notwithstanding the issuance of any patent, and, including rights-of-way running through the reservation. This includes all federal, tribal, and Indian and non-Indian privately owned land within the reservation.
- b. All off-reservation Indian allotments, the Indian titles to which have not been extinguished, including rights-of-way running through the same.
- c. All off-reservation federal trust lands held for Native American Tribes.

Puyallup Exception: Following the *Puyallup Tribes of Indians Land Settlement Act of 1989*, 25 U.S.C. §1773; the permit does apply to land within the Puyallup Reservation except for discharges to surface water on land held in trust by the federal government.

5. Stormwater from any site covered under an existing NPDES individual permit in which stormwater management and/or treatment requirements are included for all stormwater discharges associated with construction activity.
6. Stormwater from a site where an applicable Total Maximum Daily Load (TMDL) requirement specifically precludes or prohibits discharges from construction activity.

## **S2. APPLICATION REQUIREMENTS**

### **A. Permit Application Forms**

1. Notice of Intent Form/Timeline
  - a. Operators of new or previously unpermitted construction activities must submit a complete and accurate permit application (Notice of Intent, or NOI) to Ecology.
  - b. Operators must apply using the electronic application form (NOI) available on Ecology’s website <http://www.ecy.wa.gov/programs/wq/stormwater/construction/index.html>. Permittees unable to submit electronically (for example, those who do not have an internet connection) must contact Ecology to request a waiver and obtain instructions on how to obtain a paper NOI.

Department of Ecology  
Water Quality Program - Construction Stormwater  
PO Box 47696  
Olympia, Washington 98504-7696

- c. The operator must submit the NOI at least 60 days before discharging stormwater from construction activities and must submit it on or before the date of the first public notice (see Special Condition S2.B below for details). The 30-day public comment period begins on the publication date of the second public notice. Unless Ecology responds to the complete application in writing, based on public comments, or any other relevant factors, coverage under the general permit will automatically commence on the thirty-first day following receipt by Ecology of a completed NOI, or the issuance date of this permit, whichever is later; unless Ecology specifies a later date in writing as required by WAC173-226-200(2).
- d. If an applicant intends to use a Best Management Practice (BMP) selected on the basis of Special Condition S9.C.4 (“demonstrably equivalent” BMPs), the applicant must notify Ecology of its selection as part of the NOI. In the event the applicant selects BMPs after submission of the NOI, it must provide notice of the selection of an equivalent BMP to Ecology at least 60 days before intended use of the equivalent BMP.
- e. Permittees must notify Ecology regarding any changes to the information provided on the NOI by submitting an updated NOI. Examples of such changes include, but are not limited to:
  - i. Changes to the Permittee’s mailing address,
  - ii. Changes to the on-site contact person information, *and*
  - iii. Changes to the area/acreage affected by construction activity.
- f. Applicants must notify Ecology if they are aware of contaminated soils and/or groundwater associated with the construction activity. Provide detailed information with the NOI (as known and readily available) on the nature and extent of the contamination (concentrations, locations, and depth), as well as pollution prevention and/or treatment BMPs proposed to control the discharge of soil and/or groundwater contaminants in stormwater. Examples of such detail may include, but are not limited to:
  - i. List or table of all known contaminants with laboratory test results showing concentration and depth,
  - ii. Map with sample locations,
  - iii. Temporary Erosion and Sediment Control (TESC) plans,
  - iv. Related portions of the Stormwater Pollution Prevention Plan (SWPPP) that address the management of contaminated and potentially contaminated construction stormwater and dewatering water,
  - v. Dewatering plan and/or dewatering contingency plan.

## 2. Transfer of Coverage Form

The Permittee can transfer current coverage under this permit to one or more new operators, including operators of sites within a Common Plan of Development, provided the Permittee submits a Transfer of Coverage Form in accordance with General Condition G9. Transfers do not require public notice.

## B. Public Notice

For new or previously unpermitted construction activities, the applicant must publish a public notice at least one time each week for two consecutive weeks, at least 7 days apart, in a newspaper with general circulation in the county where the construction is to take place. The notice must contain:

1. A statement that “The applicant is seeking coverage under the Washington State Department of Ecology’s Construction Stormwater NPDES and State Waste Discharge General Permit”.
2. The name, address and location of the construction site.
3. The name and address of the applicant.
4. The type of construction activity that will result in a discharge (for example, residential construction, commercial construction, etc.), and the number of acres to be disturbed.
5. The name of the receiving water(s) (that is, the surface water(s) to which the site will discharge), or, if the discharge is through a storm sewer system, the name of the operator of the system.
6. The statement: “Any persons desiring to present their views to the Washington State Department of Ecology regarding this application, or interested in Ecology’s action on this application, may notify Ecology in writing no later than 30 days of the last date of publication of this notice. Ecology reviews public comments and considers whether discharges from this project would cause a measurable change in receiving water quality, and, if so, whether the project is necessary and in the overriding public interest according to Tier II antidegradation requirements under WAC 173-201A-320. Comments can be submitted to: Department of Ecology, PO Box 47696, Olympia, Washington 98504-7696 Attn: Water Quality Program, Construction Stormwater.”



### C. Erosivity Waiver

Construction site operators may qualify for an erosivity waiver from the CSWGP if the following conditions are met:

1. The site will result in the disturbance of fewer than 5 acres and the site is not a portion of a common plan of development or sale that will disturb 5 acres or greater.
2. Calculation of Erosivity “R” Factor and Regional Timeframe:
  - a. The project’s rainfall erosivity factor (“R” Factor) must be less than 5 during the period of construction activity, as calculated (see the CSWGP homepage <http://www.ecy.wa.gov/programs/wq/stormwater/construction/index.html> for a link to the EPA’s calculator and step by step instructions on computing the “R” Factor in the EPA Erosivity Waiver Fact Sheet). The period of construction activity starts when the land is first disturbed and ends with final stabilization. In addition:
  - b. The entire period of construction activity must fall within the following timeframes:
    - i. For sites west of the Cascades Crest: June 15 – September 15.
    - ii. For sites east of the Cascades Crest, excluding the Central Basin: June 15 – October 15.
    - iii. For sites east of the Cascades Crest, within the Central Basin: no additional timeframe restrictions apply. The Central Basin is defined as the portions of Eastern Washington with mean annual precipitation of less than 12 inches. For a map of the Central Basin (Average Annual Precipitation Region 2), refer to <http://www.ecy.wa.gov/programs/wq/stormwater/construction/resourcesguidance.html>.
3. Construction site operators must submit a complete Erosivity Waiver certification form at least one week before disturbing the land. Certification must include statements that the operator will:
  - a. Comply with applicable local stormwater requirements; *and*
  - b. Implement appropriate erosion and sediment control BMPs to prevent violations of water quality standards.
4. This waiver is not available for facilities declared significant contributors of pollutants as defined in Special Condition S1.B.1.b. or for any size construction activity that could reasonably expect to cause a violation of any water quality standard as defined in Special Condition S1.B.1.b.ii.
5. This waiver does not apply to construction activities which include non-stormwater discharges listed in Special Condition S1.C.3.

6. If construction activity extends beyond the certified waiver period for any reason, the operator must either:
  - a. Recalculate the rainfall erosivity “R” factor using the original start date and a new projected ending date and, if the “R” factor is still under 5 *and* the entire project falls within the applicable regional timeframe in Special Condition S2.C.2.b, complete and submit an amended waiver certification form before the original waiver expires; *or*
  - b. Submit a complete permit application to Ecology in accordance with Special Condition S2.A and B before the end of the certified waiver period.

### **S3. COMPLIANCE WITH STANDARDS**

- A. Discharges must not cause or contribute to a violation of surface water quality standards (Chapter 173-201A WAC), ground water quality standards (Chapter 173-200 WAC), sediment management standards (Chapter 173-204 WAC), and human health-based criteria in the National Toxics Rule (40 CFR Part 131.36). Discharges not in compliance with these standards are not authorized.
- B. Prior to the discharge of stormwater and non-stormwater to waters of the State, the Permittee must apply all known, available, and reasonable methods of prevention, control, and treatment (AKART). This includes the preparation and implementation of an adequate SWPPP, with all appropriate BMPs installed and maintained in accordance with the SWPPP and the terms and conditions of this permit.
- C. Ecology presumes that a Permittee complies with water quality standards unless discharge monitoring data or other site-specific information demonstrates that a discharge causes or contributes to a violation of water quality standards, when the Permittee complies with the following conditions. The Permittee must fully:
  1. Comply with all permit conditions, including planning, sampling, monitoring, reporting, and recordkeeping conditions.
  2. Implement stormwater BMPs contained in stormwater management manuals published or approved by Ecology, or BMPs that are demonstrably equivalent to BMPs contained in stormwater technical manuals published or approved by Ecology, including the proper selection, implementation, and maintenance of all applicable and appropriate BMPs for on-site pollution control. (For purposes of this section, the stormwater manuals listed in Appendix 10 of the Phase I Municipal Stormwater Permit are approved by Ecology.)
- D. Where construction sites also discharge to ground water, the ground water discharges must also meet the terms and conditions of this CSWGP. Permittees who discharge to ground water through an injection well must also comply with any applicable requirements of the Underground Injection Control (UIC) regulations, Chapter 173-218 WAC.

#### **S4. MONITORING REQUIREMENTS, BENCHMARKS AND REPORTING TRIGGERS**

##### **A. Site Log Book**

The Permittee must maintain a site log book that contains a record of the implementation of the SWPPP and other permit requirements, including the installation and maintenance of BMPs, site inspections, and stormwater monitoring.

##### **B. Site Inspections**

The Permittee's site inspections must include all areas disturbed by construction activities, all BMPs, and all stormwater discharge points under the Permittee's operational control. (See Special Conditions S4.B.3 and B.4 below for detailed requirements of the Permittee's Certified Erosion and Sediment Control Lead [CESCL].)

Construction sites one acre or larger that discharge stormwater to surface waters of the State must have site inspections conducted by a certified CESCL. Sites less than one acre may have a person without CESCL certification conduct inspections.

1. The Permittee must examine stormwater visually for the presence of suspended sediment, turbidity, discoloration, and oil sheen. The Permittee must evaluate the effectiveness of BMPs and determine if it is necessary to install, maintain, or repair BMPs to improve the quality of stormwater discharges.

Based on the results of the inspection, the Permittee must correct the problems identified by:

- a. Reviewing the SWPPP for compliance with Special Condition S9 and making appropriate revisions within 7 days of the inspection.
  - b. Immediately beginning the process of fully implementing and maintaining appropriate source control and/or treatment BMPs as soon as possible, addressing the problems no later than within 10 days of the inspection. If installation of necessary treatment BMPs is not feasible within 10 days, Ecology may approve additional time when an extension is requested by a Permittee within the initial 10-day response period.
  - c. Documenting BMP implementation and maintenance in the site log book.
2. The Permittee must inspect all areas disturbed by construction activities, all BMPs, and all stormwater discharge points at least once every calendar week and within 24 hours of any discharge from the site. (For purposes of this condition, individual discharge events that last more than one day do not require daily inspections. For example, if a stormwater pond discharges continuously over the course of a week, only one inspection is required that week.) The Permittee may reduce the inspection frequency for temporarily stabilized, inactive sites to once every calendar month.

3. The Permittee must have staff knowledgeable in the principles and practices of erosion and sediment control. The CESCL (sites one acre or more) or inspector (sites less than one acre) must have the skills to assess the:
  - a. Site conditions and construction activities that could impact the quality of stormwater, *and*
  - b. Effectiveness of erosion and sediment control measures used to control the quality of stormwater discharges.
4. The SWPPP must identify the CESCL or inspector, who must be present on site or on-call at all times. The CESCL must obtain this certification through an approved erosion and sediment control training program that meets the minimum training standards established by Ecology (see BMP C160 in the manual referred to in Special Condition S9.C.1 and 2).
5. The Permittee must summarize the results of each inspection in an inspection report or checklist and enter the report/checklist into, or attach it to, the site log book. At a minimum, each inspection report or checklist must include:
  - a. Inspection date and time.
  - b. Weather information, the general conditions during inspection and the approximate amount of precipitation since the last inspection, and precipitation within the last 24 hours.
  - c. A summary or list of all implemented BMPs, including observations of all erosion/sediment control structures or practices.
  - d. A description of the locations:
    - i. Of BMPs inspected;
    - ii. Of BMPs that need maintenance and why;
    - iii. Of BMPs that failed to operate as designed or intended; *and*
    - iv. Where additional or different BMPs are needed, and why.
  - e. A description of stormwater discharged from the site. The Permittee must note the presence of suspended sediment, turbidity, discoloration, and oil sheen, as applicable.
  - f. Any water quality monitoring performed during inspection.
  - g. General comments and notes, including a brief description of any BMP repairs, maintenance or installations made following the inspection.
  - h. A summary report and a schedule of implementation of the remedial actions that the Permittee plans to take if the site inspection indicates that the site is out of compliance. The remedial actions taken must meet the requirements of the SWPPP and the permit.

- i. The name, title, and signature of the person conducting the site inspection, a phone number or other reliable method to reach this person, and the following statement: “I certify that this report is true, accurate, and complete to the best of my knowledge and belief.”

**Table 3: Summary of Primary Monitoring Requirements**

Size of Soil Disturbance <sup>1</sup>	Weekly Site Inspections	Weekly Sampling w/ Turbidity Meter	Weekly Sampling w/ Transparency Tube	Weekly pH Sampling <sup>2</sup>	CESCL Required for Inspections?
Sites that disturb less than 1 acre, but are part of a larger Common Plan of Development	Required	Not Required	Not Required	Not Required	No
Sites that disturb 1 acre or more, but fewer than 5 acres	Required	Sampling Required – either method <sup>3</sup>		Required	Yes
Sites that disturb 5 acres or more	Required	Required	Not Required <sup>4</sup>	Required	Yes

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<sup>1</sup> Soil disturbance is calculated by adding together all areas that will be affected by construction activity. Construction activity means clearing, grading, excavation, and any other activity that disturbs the surface of the land, including ingress/egress from the site.

<sup>2</sup> If construction activity results in the disturbance of 1 acre or more, and involves significant concrete work (1,000 cubic yards of poured concrete or recycled concrete over the life of a project) or the use of engineered soils (soil amendments including but not limited to Portland cement-treated base [CTB], cement kiln dust [CKD], or fly ash), and stormwater from the affected area drains to surface waters of the State or to a storm sewer stormwater collection system that drains to other surface waters of the State, the Permittee must conduct pH sampling in accordance with Special Condition S4.D.

<sup>3</sup> Sites with one or more acres, but fewer than 5 acres of soil disturbance, must conduct turbidity or transparency sampling in accordance with Special Condition S4.C.

<sup>4</sup> Sites equal to or greater than 5 acres of soil disturbance must conduct turbidity sampling using a turbidity meter in accordance with Special Condition S4.C.

## C. Turbidity/Transparency Sampling Requirements

### 1. Sampling Methods

- a. If construction activity involves the disturbance of 5 acres or more, the Permittee must conduct turbidity sampling per Special Condition S4.C.
- b. If construction activity involves 1 acre or more but fewer than 5 acres of soil disturbance, the Permittee must conduct either transparency sampling **or** turbidity sampling per Special Condition S4.C.

### 2. Sampling Frequency

- a. The Permittee must sample all discharge points at least once every calendar week when stormwater (or authorized non-stormwater) discharges from the site or enters any on-site surface waters of the state (for example, a creek running through a site); sampling is not required on sites that disturb less than an acre.
- b. Samples must be representative of the flow and characteristics of the discharge.
- c. Sampling is not required when there is no discharge during a calendar week.
- d. Sampling is not required outside of normal working hours or during unsafe conditions.
- e. If the Permittee is unable to sample during a monitoring period, the Permittee must include a brief explanation in the monthly Discharge Monitoring Report (DMR).
- f. Sampling is not required before construction activity begins.
- g. The Permittee may reduce the sampling frequency for temporarily stabilized, inactive sites to once every calendar month.

### 3. Sampling Locations

- a. Sampling is required at all points where stormwater associated with construction activity (or authorized non-stormwater) is discharged off site, including where it enters any on-site surface waters of the state (for example, a creek running through a site).
- b. The Permittee may discontinue sampling at discharge points that drain areas of the project that are fully stabilized to prevent erosion.
- c. The Permittee must identify all sampling point(s) on the SWPPP site map and clearly mark these points in the field with a flag, tape, stake or other visible marker.
- d. Sampling is not required for discharge that is sent directly to sanitary or combined sewer systems.

- e. The Permittee may discontinue sampling at discharge points in areas of the project where the Permittee no longer has operational control of the construction activity.
4. Sampling and Analysis Methods
- a. The Permittee performs turbidity analysis with a calibrated turbidity meter (turbidimeter) either on site or at an accredited lab. The Permittee must record the results in the site log book in nephelometric turbidity units (NTUs).
  - b. The Permittee performs transparency analysis on site with a 1¾-inch-diameter, 60-centimeter (cm)-long transparency tube. The Permittee will record the results in the site log book in centimeters (cm).

**Table 4: Monitoring and Reporting Requirements**

Parameter	Unit	Analytical Method	Sampling Frequency	Benchmark Value	Phone Reporting Trigger Value
Turbidity	NTU	SM2130	Weekly, if discharging	25 NTUs	250 NTUs
Transparency	cm	Manufacturer instructions, or Ecology guidance	Weekly, if discharging	33 cm	6 cm

5. Turbidity/Transparency Benchmark Values and Reporting Triggers

The benchmark value for turbidity is 25 NTUs or less. The benchmark value for transparency is 33 centimeters (cm). Note: Benchmark values do not apply to discharges to segments of water bodies on Washington State’s 303(d) list (Category 5) for turbidity, fine sediment, or phosphorus; these discharges are subject to a numeric effluent limit for turbidity. Refer to Special Condition S8 for more information.

a. Turbidity 26 – 249 NTUs, or Transparency 32 – 7 cm:

If the discharge turbidity is 26 to 249 NTUs; or if discharge transparency is less than 33 cm, but equal to or greater than 6 cm, the Permittee must:

- i. Review the SWPPP for compliance with Special Condition S9 and make appropriate revisions within 7 days of the date the discharge exceeded the benchmark.
- ii. Immediately begin the process to fully implement and maintain appropriate source control and/or treatment BMPs as soon as possible, addressing the problems within 10 days of the date the discharge exceeded the benchmark. If installation of necessary treatment BMPs is not feasible within 10 days, Ecology may approve additional time when the Permittee requests an extension within the initial 10-day response period.

- iii. Document BMP implementation and maintenance in the site log book.
- b. Turbidity 250 NTUs or greater, or Transparency 6 cm or less:

If a discharge point's turbidity is 250 NTUs or greater, or if discharge transparency is less than or equal to 6 cm, the Permittee must complete the reporting and adaptive management process described below.

- i. Telephone or submit an electronic report to the applicable Ecology Region's Environmental Report Tracking System (ERTS) number (or through Ecology's Water Quality Permitting Portal [WQWebPortal] – Permit Submittals when the form is available) within 24 hours, in accordance with Special Condition S5.A.
  - **Central Region** (Okanogan, Chelan, Douglas, Kittitas, Yakima, Klickitat, Benton): (509) 575-2490
  - **Eastern Region** (Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman): (509) 329-3400
  - **Northwest Region** (Kitsap, Snohomish, Island, King, San Juan, Skagit, Whatcom): (425) 649-7000
  - **Southwest Region** (Grays Harbor, Lewis, Mason, Thurston, Pierce, Clark, Cowlitz, Skamania, Wahkiakum, Clallam, Jefferson, Pacific): (360) 407-6300

Links to these numbers and the ERTS reporting page are located on the following web site:

<http://www.ecy.wa.gov/programs/wq/stormwater/construction/index.html>.

- ii. Review the SWPPP for compliance with Special Condition S9 and make appropriate revisions within 7 days of the date the discharge exceeded the benchmark.
- iii. Immediately begin the process to fully implement and maintain appropriate source control and/or treatment BMPs as soon as possible, addressing the problems within 10 days of the date the discharge exceeded the benchmark. If installation of necessary treatment BMPs is not feasible within 10 days, Ecology may approve additional time when the Permittee requests an extension within the initial 10-day response period.
- iv. Document BMP implementation and maintenance in the site log book.
- v. Sample discharges daily until:
  - a) Turbidity is 25 NTUs (or lower); *or*
  - b) Transparency is 33 cm (or greater); *or*



- c) The Permittee has demonstrated compliance with the water quality limit for turbidity:
  - 1) No more than 5 NTUs over background turbidity, if background is less than 50 NTUs, *or*
  - 2) No more than 10% over background turbidity, if background is 50 NTUs or greater; *or*
- d) The discharge stops or is eliminated.

D. pH Sampling Requirements – Significant Concrete Work or Engineered Soils

If construction activity results in the disturbance of 1 acre or more, *and* involves significant concrete work (significant concrete work means greater than 1000 cubic yards poured concrete or recycled concrete used over the life of a project) or the use of engineered soils (soil amendments including but not limited to Portland cement-treated base [CTB], cement kiln dust [CKD], or fly ash), and stormwater from the affected area drains to surface waters of the State or to a storm sewer system that drains to surface waters of the State, the Permittee must conduct pH sampling as set forth below. Note: In addition, discharges to segments of water bodies on Washington State’s 303(d) list (Category 5) for high pH are subject to a numeric effluent limit for pH; refer to Special Condition S8.

1. For sites with significant concrete work, the Permittee must begin the pH sampling period when the concrete is first poured and exposed to precipitation, and continue weekly throughout and after the concrete pour and curing period, until stormwater pH is in the range of 6.5 to 8.5 (su).
2. For sites with recycled concrete where monitoring is required, the Permittee must begin the weekly pH sampling period when the recycled concrete is first exposed to precipitation and must continue until the recycled concrete is fully stabilized with the stormwater pH in the range of 6.5 to 8.5 (su).
3. For sites with engineered soils, the Permittee must begin the pH sampling period when the soil amendments are first exposed to precipitation and must continue until the area of engineered soils is fully stabilized.
4. During the applicable pH monitoring period defined above, the Permittee must obtain a representative sample of stormwater and conduct pH analysis at least once per week.
5. The Permittee must sample pH in the sediment trap/pond(s) or other locations that receive stormwater runoff from the area of significant concrete work or engineered soils before the stormwater discharges to surface waters.
6. The benchmark value for pH is 8.5 standard units. Anytime sampling indicates that pH is 8.5 or greater, the Permittee must either:

- a. Prevent the high pH water (8.5 or above) from entering storm sewer systems or surface waters; *or*
  - b. If necessary, adjust or neutralize the high pH water until it is in the range of pH 6.5 to 8.5 (su) using an appropriate treatment BMP such as carbon dioxide (CO<sub>2</sub>) sparging or dry ice. The Permittee must obtain written approval from Ecology before using any form of chemical treatment other than CO<sub>2</sub> sparging or dry ice.
7. The Permittee must perform pH analysis on site with a calibrated pH meter, pH test kit, or wide range pH indicator paper. The Permittee must record pH sampling results in the site log book.

## **S5. REPORTING AND RECORDKEEPING REQUIREMENTS**

### **A. High Turbidity Reporting**

Anytime sampling performed in accordance with Special Condition S4.C indicates turbidity has reached the 250 NTUs or more (or transparency less than or equal to 6 cm) high turbidity reporting level, the Permittee must either call the applicable Ecology Region's Environmental Report Tracking System (ERTS) number by phone within 24 hours of analysis or submit an electronic ERTS report (or submit an electronic report through Ecology's Water Quality Permitting Portal (WQWebPortal) – Permit Submittals when the form is available). See the CSWGP web site for links to ERTS and the WQWebPortal: <http://www.ecy.wa.gov/programs/wq/stormwater/construction/index.html>. Also, see phone numbers in Special Condition S4.C.5.b.i.

### **B. Discharge Monitoring Reports (DMRs)**

Permittees required to conduct water quality sampling in accordance with Special Conditions S4.C (Turbidity/Transparency), S4.D (pH), S8 (303[d]/TMDL sampling), and/or G13 (Additional Sampling) must submit the results to Ecology.

Permittees must submit monitoring data using Ecology's WQWebDMR web application accessed through Ecology's Water Quality Permitting Portal. To find out more information and to sign up for WQWebDMR go to: <http://www.ecy.wa.gov/programs/wq/permits/paris/portal.html>.

Permittees unable to submit electronically (for example, those who do not have an internet connection) must contact Ecology to request a waiver and obtain instructions on how to obtain a paper copy DMR at:

Department of Ecology  
Water Quality Program - Construction Stormwater  
PO Box 47696  
Olympia, Washington 98504-7696

Permittees who obtain a waiver not to use WQWebDMR must use the forms provided to them by Ecology; submittals must be mailed to the address above. Permittees shall

submit DMR forms to be received by Ecology within 15 days following the end of each month.

If there was no discharge during a given monitoring period, all Permittees must submit a DMR as required with "no discharge" entered in place of the monitoring results. DMRs are required for the full duration of permit coverage (from issuance date to termination). For more information, contact Ecology staff using information provided at the following web site: [www.ecy.wa.gov/programs/wq/permits/paris/contacts.html](http://www.ecy.wa.gov/programs/wq/permits/paris/contacts.html).

#### C. Records Retention

The Permittee must retain records of all monitoring information (site log book, sampling results, inspection reports/checklists, etc.), Stormwater Pollution Prevention Plan, copy of the permit coverage letter (including Transfer of Coverage documentation), and any other documentation of compliance with permit requirements for the entire life of the construction project and for a minimum of three years following the termination of permit coverage. Such information must include all calibration and maintenance records, and records of all data used to complete the application for this permit. This period of retention must be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by Ecology.

#### D. Recording Results

For each measurement or sample taken, the Permittee must record the following information:

1. Date, place, method, and time of sampling or measurement.
2. The first and last name of the individual who performed the sampling or measurement.
3. The date(s) the analyses were performed.
4. The first and last name of the individual who performed the analyses.
5. The analytical techniques or methods used.
6. The results of all analyses.

#### E. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Special Condition S4 of this permit, the results of this monitoring must be included in the calculation and reporting of the data submitted in the Permittee's DMR.

#### F. Noncompliance Notification

In the event the Permittee is unable to comply with any part of the terms and conditions of this permit, and the resulting noncompliance may cause a threat to human health or the environment (such as but not limited to spills of fuels or other materials, catastrophic pond or slope failure, and discharges that violate water quality standards), or exceed

numeric effluent limitations (see S8. Discharges to 303(d) or TMDL Waterbodies), the Permittee must, upon becoming aware of the circumstance:

1. Notify Ecology within 24-hours of the failure to comply by calling the applicable Regional office ERTS phone number (refer to Special Condition S4.C.5.b.i. or [www.ecy.wa.gov/programs/wq/stormwater/construction/turbidity.html](http://www.ecy.wa.gov/programs/wq/stormwater/construction/turbidity.html) for Regional ERTS phone numbers).
2. Immediately take action to prevent the discharge/pollution, or otherwise stop or correct the noncompliance, and, if applicable, repeat sampling and analysis of any noncompliance immediately and submit the results to Ecology within five (5) days of becoming aware of the violation.
3. Submit a detailed written report to Ecology within five (5) days, of the time the Permittee becomes aware of the circumstances, unless requested earlier by Ecology. The report must be submitted using Ecology's Water Quality Permitting Portal (WQWebPortal) - Permit Submittals, unless a waiver from electronic reporting has been granted according to S5.B. The report must contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The Permittee must report any unanticipated bypass and/or upset that exceeds any effluent limit in the permit in accordance with the 24-hour reporting requirement contained in 40 C.F.R. 122.41(l)(6).

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply. Upon request of the Permittee, Ecology may waive the requirement for a written report on a case-by-case basis, if the immediate notification is received by Ecology within 24 hours.

#### G. Access to Plans and Records

1. The Permittee must retain the following permit documentation (plans and records) on site, or within reasonable access to the site, for use by the operator or for on-site review by Ecology or the local jurisdiction:
  - a. General Permit
  - b. Permit Coverage Letter
  - c. Stormwater Pollution Prevention Plan (SWPPP)
  - d. Site Log Book
2. The Permittee must address written requests for plans and records listed above (Special Condition S5.G.1) as follows:

- a. The Permittee must provide a copy of plans and records to Ecology within 14 days of receipt of a written request from Ecology.
- b. The Permittee must provide a copy of plans and records to the public when requested in writing. Upon receiving a written request from the public for the Permittee's plans and records, the Permittee must either:
  - i. Provide a copy of the plans and records to the requester within 14 days of a receipt of the written request; *or*
  - ii. Notify the requester within 10 days of receipt of the written request of the location and times within normal business hours when the plans and records may be viewed; and provide access to the plans and records within 14 days of receipt of the written request; *or*
  - iii. Within 14 days of receipt of the written request, the Permittee may submit a copy of the plans and records to Ecology for viewing and/or copying by the requester at an Ecology office, or a mutually agreed location. If plans and records are viewed and/or copied at a location other than at an Ecology office, the Permittee will provide reasonable access to copying services for which a reasonable fee may be charged. The Permittee must notify the requester within 10 days of receipt of the request where the plans and records may be viewed and/or copied.

## **S6. PERMIT FEES**

The Permittee must pay permit fees assessed by Ecology. Fees for stormwater discharges covered under this permit are established by Chapter 173-224 WAC. Ecology continues to assess permit fees until the permit is terminated in accordance with Special Condition S10 or revoked in accordance with General Condition G5.

## **S7. SOLID AND LIQUID WASTE DISPOSAL**

The Permittee must handle and dispose of solid and liquid wastes generated by construction activity, such as demolition debris, construction materials, contaminated materials, and waste materials from maintenance activities, including liquids and solids from cleaning catch basins and other stormwater facilities, in accordance with:

- A. Special Condition S3, Compliance with Standards
- B. WAC 173-216-110
- C. Other applicable regulations

## **S8. DISCHARGES TO 303(d) OR TMDL WATERBODIES**

- A. Sampling and Numeric Effluent Limits For Certain Discharges to 303(d)-listed Waterbodies

1. Permittees who discharge to segments of waterbodies listed as impaired by the State of Washington under Section 303(d) of the Clean Water Act for turbidity, fine sediment, high pH, or phosphorus, must conduct water quality sampling according to the requirements of this section, and Special Conditions S4.C.2.b-f and S4.C.3.b-d, and must comply with the applicable numeric effluent limitations in S8.C and S8.D.
2. All references and requirements associated with Section 303(d) of the Clean Water Act mean the most current listing by Ecology of impaired waters (Category 5) that exists on January 1, 2016, or the date when the operator's complete permit application is received by Ecology, whichever is later.

B. Limits on Coverage for New Discharges to TMDL or 303(d)-listed Waters

Operators of construction sites that discharge to a TMDL or 303(d)-listed waterbody are not eligible for coverage under this permit *unless* the operator:

1. Prevents exposing stormwater to pollutants for which the waterbody is impaired, and retains documentation in the SWPPP that details procedures taken to prevent exposure on site; *or*
2. Documents that the pollutants for which the waterbody is impaired are not present at the site, and retains documentation of this finding within the SWPPP; *or*
3. Provides Ecology with data indicating the discharge is not expected to cause or contribute to an exceedance of a water quality standard, and retains such data on site with the SWPPP. The operator must provide data and other technical information to Ecology that sufficiently demonstrate:
  - a. For discharges to waters without an EPA-approved or -established TMDL, that the discharge of the pollutant for which the water is impaired will meet in-stream water quality criteria at the point of discharge to the waterbody; *or*
  - b. For discharges to waters with an EPA-approved or -established TMDL, that there is sufficient remaining wasteload allocation in the TMDL to allow construction stormwater discharge and that existing dischargers to the waterbody are subject to compliance schedules designed to bring the waterbody into attainment with water quality standards.

Operators of construction sites are eligible for coverage under this permit if Ecology issues permit coverage based upon an affirmative determination that the *discharge will not cause or contribute to the existing impairment.*

C. Sampling and Numeric Effluent Limits for Discharges to Water Bodies on the 303(d) List for Turbidity, Fine Sediment, or Phosphorus

1. Permittees who discharge to segments of water bodies on the 303(d) list (Category 5) for turbidity, fine sediment, or phosphorus must conduct turbidity sampling in accordance with Special Condition S4.C.2 and comply with either of the numeric effluent limits noted in Table 5 below.

2. As an alternative to the 25 NTUs effluent limit noted in Table 5 below (applied at the point where stormwater [or authorized non-stormwater] is discharged off-site), Permittees may choose to comply with the surface water quality standard for turbidity. The standard is: no more than 5 NTUs over background turbidity when the background turbidity is 50 NTUs or less, or no more than a 10% increase in turbidity when the background turbidity is more than 50 NTUs. In order to use the water quality standard requirement, the sampling must take place at the following locations:
  - a. Background turbidity in the 303(d)-listed receiving water immediately upstream (upgradient) or outside the area of influence of the discharge.
  - b. Turbidity at the point of discharge into the 303(d)-listed receiving water, inside the area of influence of the discharge.
3. Discharges that exceed the numeric effluent limit for turbidity constitute a violation of this permit.
4. Permittees whose discharges exceed the numeric effluent limit shall sample discharges daily until the violation is corrected and comply with the non-compliance notification requirements in Special Condition S5.F.

**Table 5: Turbidity, Fine Sediment & Phosphorus Sampling and Limits for 303(d)-Listed Waters**

Parameter identified in 303(d) listing	Parameter Sampled	Unit	Analytical Method	Sampling Frequency	Numeric Effluent Limit <sup>1</sup>
<ul style="list-style-type: none"> <li>• Turbidity</li> <li>• Fine Sediment</li> <li>• Phosphorus</li> </ul>	Turbidity	NTU	SM2130	Weekly, if discharging	25 NTUs, at the point where stormwater is discharged from the site; OR In compliance with the surface water quality standard for turbidity (S8.C.2.a)

<sup>1</sup>Permittees subject to a numeric effluent limit for turbidity may, at their discretion, choose either numeric effluent limitation based on site-specific considerations including, but not limited to, safety, access and convenience.

#### D. Discharges to Water Bodies on the 303(d) List for High pH

1. Permittees who discharge to segments of water bodies on the 303(d) list (Category 5) for high pH must conduct pH sampling in accordance with the table below, and comply with the numeric effluent limit of pH 6.5 to 8.5 su (Table 6).

**Table 6: pH Sampling and Limits for 303(d)-Listed Waters**

Parameter identified in 303(d) listing	Parameter Sampled/Units	Analytical Method	Sampling Frequency	Numeric Effluent Limit
High pH	pH /Standard Units	pH meter	Weekly, if discharging	In the range of 6.5 – 8.5

2. At the Permittee’s discretion, compliance with the limit shall be assessed at one of the following locations:
    - a. Directly in the 303(d)-listed waterbody segment, inside the immediate area of influence of the discharge; or
    - b. Alternatively, the Permittee may measure pH at the point where the discharge leaves the construction site, rather than in the receiving water.
  3. Discharges that exceed the numeric effluent limit for pH (outside the range of 6.5 – 8.5 su) constitute a violation of this permit.
  4. Permittees whose discharges exceed the numeric effluent limit shall sample discharges daily until the violation is corrected and comply with the non-compliance notification requirements in Special Condition S5.F.
- E. Sampling and Limits for Sites Discharging to Waters Covered by a TMDL or Another Pollution Control Plan
1. Discharges to a waterbody that is subject to a Total Maximum Daily Load (TMDL) for turbidity, fine sediment, high pH, or phosphorus must be consistent with the TMDL. Refer to <http://www.ecy.wa.gov/programs/wq/tmdl/TMDLsbyWria/TMDLbyWria.html> for more information on TMDLs.
    - a. Where an applicable TMDL sets specific waste load allocations or requirements for discharges covered by this permit, discharges must be consistent with any specific waste load allocations or requirements established by the applicable TMDL.
      - i. The Permittee must sample discharges weekly or as otherwise specified by the TMDL to evaluate compliance with the specific waste load allocations or requirements.
      - ii. Analytical methods used to meet the monitoring requirements must conform to the latest revision of the Guidelines Establishing Test Procedures for the Analysis of Pollutants contained in 40 CFR Part 136. Turbidity and pH methods need not be accredited or registered unless conducted at a laboratory which must otherwise be accredited or registered.
    - b. Where an applicable TMDL has established a general waste load allocation for construction stormwater discharges, but has not identified specific requirements,



compliance with Special Conditions S4 (Monitoring) and S9 (SWPPPs) will constitute compliance with the approved TMDL.

- c. Where an applicable TMDL has not specified a waste load allocation for construction stormwater discharges, but has not excluded these discharges, compliance with Special Conditions S4 (Monitoring) and S9 (SWPPPs) will constitute compliance with the approved TMDL.
  - d. Where an applicable TMDL specifically precludes or prohibits discharges from construction activity, the operator is not eligible for coverage under this permit.
2. Applicable TMDL means a TMDL for turbidity, fine sediment, high pH, or phosphorus that is completed and approved by EPA before January 1, 2016, or before the date the operator's complete permit application is received by Ecology, whichever is later. TMDLs completed after the operator's complete permit application is received by Ecology become applicable to the Permittee only if they are imposed through an administrative order by Ecology, or through a modification of permit coverage.

## **S9. STORMWATER POLLUTION PREVENTION PLAN**

The Permittee must prepare and properly implement an adequate Stormwater Pollution Prevention Plan (SWPPP) for construction activity in accordance with the requirements of this permit beginning with initial soil disturbance and until final stabilization.

A. The Permittee's SWPPP must meet the following objectives:

1. To implement best management practices (BMPs) to prevent erosion and sedimentation, and to identify, reduce, eliminate or prevent stormwater contamination and water pollution from construction activity.
2. To prevent violations of surface water quality, ground water quality, or sediment management standards.
3. To control peak volumetric flow rates and velocities of stormwater discharges.

B. General Requirements

1. The SWPPP must include a narrative and drawings. All BMPs must be clearly referenced in the narrative and marked on the drawings. The SWPPP narrative must include documentation to explain and justify the pollution prevention decisions made for the project. Documentation must include:
  - a. Information about existing site conditions (topography, drainage, soils, vegetation, etc.).
  - b. Potential erosion problem areas.
  - c. The 13 elements of a SWPPP in Special Condition S9.D.1-13, including BMPs used to address each element.

- d. Construction phasing/sequence and general BMP implementation schedule.
  - e. The actions to be taken if BMP performance goals are not achieved—for example, a contingency plan for additional treatment and/or storage of stormwater that would violate the water quality standards if discharged.
  - f. Engineering calculations for ponds, treatment systems, and any other designed structures. When a treatment system requires engineering calculations, these calculations must be included in the SWPPP. Engineering calculations do not need to be included in the SWPPP for treatment systems that do not require such calculations.
2. The Permittee must modify the SWPPP if, during inspections or investigations conducted by the owner/operator, or the applicable local or state regulatory authority, it is determined that the SWPPP is, or would be, ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the site. The Permittee must then:
- a. Review the SWPPP for compliance with Special Condition S9 and make appropriate revisions within 7 days of the inspection or investigation.
  - b. Immediately begin the process to fully implement and maintain appropriate source control and/or treatment BMPs as soon as possible, addressing the problems no later than 10 days from the inspection or investigation. If installation of necessary treatment BMPs is not feasible within 10 days, Ecology may approve additional time when an extension is requested by a Permittee within the initial 10-day response period.
  - c. Document BMP implementation and maintenance in the site log book.

The Permittee must modify the SWPPP whenever there is a change in design, construction, operation, or maintenance at the construction site that has, or could have, a significant effect on the discharge of pollutants to waters of the State.

### C. Stormwater Best Management Practices (BMPs)

BMPs must be consistent with:

- 1. Stormwater Management Manual for Western Washington (most current approved edition at the time this permit was issued), for sites west of the crest of the Cascade Mountains; *or*
- 2. Stormwater Management Manual for Eastern Washington (most current approved edition at the time this permit was issued), for sites east of the crest of the Cascade Mountains; *or*
- 3. Revisions to the manuals listed in Special Condition S9.C.1. & 2., or other stormwater management guidance documents or manuals which provide an equivalent level of pollution prevention, that are approved by Ecology and incorporated into this permit in accordance with the permit modification requirements of WAC 173-226-230; *or*

4. Documentation in the SWPPP that the BMPs selected provide an equivalent level of pollution prevention, compared to the applicable Stormwater Management Manuals, including:
  - a. The technical basis for the selection of all stormwater BMPs (scientific, technical studies, and/or modeling) that support the performance claims for the BMPs being selected.
  - b. An assessment of how the selected BMP will satisfy AKART requirements and the applicable federal technology-based treatment requirements under 40 CFR part 125.3.

#### D. SWPPP – Narrative Contents and Requirements

The Permittee must include each of the 13 elements below in Special Condition S9.D.1-13 in the narrative of the SWPPP and implement them unless site conditions render the element unnecessary and the exemption from that element is clearly justified in the SWPPP.

1. Preserve Vegetation/Mark Clearing Limits
  - a. Before beginning land-disturbing activities, including clearing and grading, clearly mark all clearing limits, sensitive areas and their buffers, and trees that are to be preserved within the construction area.
  - b. Retain the duff layer, native topsoil, and natural vegetation in an undisturbed state to the maximum degree practicable.
2. Establish Construction Access
  - a. Limit construction vehicle access and exit to one route, if possible.
  - b. Stabilize access points with a pad of quarry spalls, crushed rock, or other equivalent BMPs, to minimize tracking sediment onto roads.
  - c. Locate wheel wash or tire baths on site, if the stabilized construction entrance is not effective in preventing tracking sediment onto roads.
  - d. If sediment is tracked off site, clean the affected roadway thoroughly at the end of each day, or more frequently as necessary (for example, during wet weather). Remove sediment from roads by shoveling, sweeping, or pickup and transport of the sediment to a controlled sediment disposal area.
  - e. Conduct street washing only after sediment removal in accordance with Special Condition S9.D.2.d. Control street wash wastewater by pumping back on site or otherwise preventing it from discharging into systems tributary to waters of the State.
3. Control Flow Rates
  - a. Protect properties and waterways downstream of development sites from erosion and the associated discharge of turbid waters due to increases in the

velocity and peak volumetric flow rate of stormwater runoff from the project site, as required by local plan approval authority.

- b. Where necessary to comply with Special Condition S9.D.3.a, construct stormwater retention or detention facilities as one of the first steps in grading. Assure that detention facilities function properly before constructing site improvements (for example, impervious surfaces).
- c. If permanent infiltration ponds are used for flow control during construction, protect these facilities from siltation during the construction phase.

#### 4. Install Sediment Controls

The Permittee must design, install and maintain effective erosion controls and sediment controls to minimize the discharge of pollutants. At a minimum, the Permittee must design, install and maintain such controls to:

- a. Construct sediment control BMPs (sediment ponds, traps, filters, infiltration facilities, etc.) as one of the first steps in grading. These BMPs must be functional before other land disturbing activities take place.
- b. Minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting stormwater runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site.
- c. Direct stormwater runoff from disturbed areas through a sediment pond or other appropriate sediment removal BMP, before the runoff leaves a construction site or before discharge to an infiltration facility. Runoff from fully stabilized areas may be discharged without a sediment removal BMP, but must meet the flow control performance standard of Special Condition S9.D.3.a.
- d. Locate BMPs intended to trap sediment on site in a manner to avoid interference with the movement of juvenile salmonids attempting to enter off-channel areas or drainages.
- e. Provide and maintain natural buffers around surface waters, direct stormwater to vegetated areas to increase sediment removal and maximize stormwater infiltration, unless infeasible.
- f. Where feasible, design outlet structures that withdraw impounded stormwater from the surface to avoid discharging sediment that is still suspended lower in the water column.

#### 5. Stabilize Soils

- a. The Permittee must stabilize exposed and unworked soils by application of effective BMPs that prevent erosion. Applicable BMPs include, but are not limited to: temporary and permanent seeding, sodding, mulching, plastic covering, erosion control fabrics and matting, soil application of polyacrylamide

(PAM), the early application of gravel base on areas to be paved, and dust control.

- b. The Permittee must control stormwater volume and velocity within the site to minimize soil erosion.
- c. The Permittee must control stormwater discharges, including both peak flow rates and total stormwater volume, to minimize erosion at outlets and to minimize downstream channel and stream bank erosion.
- d. Depending on the geographic location of the project, the Permittee must not allow soils to remain exposed and unworked for more than the time periods set forth below to prevent erosion:

West of the Cascade Mountains Crest

During the dry season (May 1 - September 30): 7 days

During the wet season (October 1 - April 30): 2 days

East of the Cascade Mountains Crest, except for Central Basin\*

During the dry season (July 1 - September 30): 10 days

During the wet season (October 1 - June 30): 5 days

The Central Basin\*, East of the Cascade Mountains Crest

During the dry season (July 1 - September 30): 30 days

During the wet season (October 1 - June 30): 15 days

\*Note: The Central Basin is defined as the portions of Eastern Washington with mean annual precipitation of less than 12 inches.

- e. The Permittee must stabilize soils at the end of the shift before a holiday or weekend if needed based on the weather forecast.
  - f. The Permittee must stabilize soil stockpiles from erosion, protected with sediment trapping measures, and where possible, be located away from storm drain inlets, waterways, and drainage channels.
  - g. The Permittee must minimize the amount of soil exposed during construction activity.
  - h. The Permittee must minimize the disturbance of steep slopes.
  - i. The Permittee must minimize soil compaction and, unless infeasible, preserve topsoil.
6. Protect Slopes
- a. The Permittee must design and construct cut-and-fill slopes in a manner to minimize erosion. Applicable practices include, but are not limited to, reducing continuous length of slope with terracing and diversions, reducing slope steepness, and roughening slope surfaces (for example, track walking).

- b. The Permittee must divert off-site stormwater (run-on) or ground water away from slopes and disturbed areas with interceptor dikes, pipes, and/or swales. Off-site stormwater should be managed separately from stormwater generated on the site.
  - c. At the top of slopes, collect drainage in pipe slope drains or protected channels to prevent erosion.
    - i. West of the Cascade Mountains Crest: Temporary pipe slope drains must handle the peak 10-minute flow rate from a Type 1A, 10-year, 24-hour frequency storm for the developed condition. Alternatively, the 10-year, 1-hour flow rate predicted by an approved continuous runoff model, increased by a factor of 1.6, may be used. The hydrologic analysis must use the existing land cover condition for predicting flow rates from tributary areas outside the project limits. For tributary areas on the project site, the analysis must use the temporary or permanent project land cover condition, whichever will produce the highest flow rates. If using the Western Washington Hydrology Model (WWHM) to predict flows, bare soil areas should be modeled as "landscaped area."
    - ii. East of the Cascade Mountains Crest: Temporary pipe slope drains must handle the expected peak flow rate from a 6-month, 3-hour storm for the developed condition, referred to as the short duration storm.
  - d. Place excavated material on the uphill side of trenches, consistent with safety and space considerations.
  - e. Place check dams at regular intervals within constructed channels that are cut down a slope.
7. Protect Drain Inlets
- a. Protect all storm drain inlets made operable during construction so that stormwater runoff does not enter the conveyance system without first being filtered or treated to remove sediment.
  - b. Clean or remove and replace inlet protection devices when sediment has filled one-third of the available storage (unless a different standard is specified by the product manufacturer).
8. Stabilize Channels and Outlets
- a. Design, construct and stabilize all on-site conveyance channels to prevent erosion from the following expected peak flows:
    - i. West of the Cascade Mountains Crest: Channels must handle the peak 10-minute flow rate from a Type 1A, 10-year, 24-hour frequency storm for the developed condition. Alternatively, the 10-year, 1-hour flow rate indicated by an approved continuous runoff model, increased by a factor of 1.6, may be used. The hydrologic analysis must use the existing land

cover condition for predicting flow rates from tributary areas outside the project limits. For tributary areas on the project site, the analysis must use the temporary or permanent project land cover condition, whichever will produce the highest flow rates. If using the WWHM to predict flows, bare soil areas should be modeled as "landscaped area."

- ii. East of the Cascade Mountains Crest: Channels must handle the expected peak flow rate from a 6-month, 3-hour storm for the developed condition, referred to as the short duration storm.
- b. Provide stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes, and downstream reaches at the outlets of all conveyance systems.

## 9. Control Pollutants

Design, install, implement and maintain effective pollution prevention measures to minimize the discharge of pollutants. The Permittee must:

- a. Handle and dispose of all pollutants, including waste materials and demolition debris that occur on site in a manner that does not cause contamination of stormwater.
- b. Provide cover, containment, and protection from vandalism for all chemicals, liquid products, petroleum products, and other materials that have the potential to pose a threat to human health or the environment. On-site fueling tanks must include secondary containment. Secondary containment means placing tanks or containers within an impervious structure capable of containing 110% of the volume contained in the largest tank within the containment structure. Double-walled tanks do not require additional secondary containment.
- c. Conduct maintenance, fueling, and repair of heavy equipment and vehicles using spill prevention and control measures. Clean contaminated surfaces immediately following any spill incident.
- d. Discharge wheel wash or tire bath wastewater to a separate on-site treatment system that prevents discharge to surface water, such as closed-loop recirculation or upland land application, or to the sanitary sewer with local sewer district approval.
- e. Apply fertilizers and pesticides in a manner and at application rates that will not result in loss of chemical to stormwater runoff. Follow manufacturers' label requirements for application rates and procedures.
- f. Use BMPs to prevent contamination of stormwater runoff by pH-modifying sources. The sources for this contamination include, but are not limited to: bulk cement, cement kiln dust, fly ash, new concrete washing and curing waters, recycled concrete stockpiles, waste streams generated from concrete grinding and sawing, exposed aggregate processes, dewatering concrete vaults, concrete

pumping and mixer washout waters. (Also refer to the definition for "concrete wastewater" in Appendix A--Definitions.)

- g. Adjust the pH of stormwater or authorized non-stormwater if necessary to prevent an exceedance of groundwater and/or surface water quality standards.
- h. Assure that washout of concrete trucks is performed off-site or in designated concrete washout areas only. Do not wash out concrete truck drums or concrete handling equipment onto the ground, or into storm drains, open ditches, streets, or streams. Washout of concrete handling equipment may be disposed of in a designated concrete washout area or in a formed area awaiting concrete where it will not contaminate surface or ground water. Do not dump excess concrete on site, except in designated concrete washout areas. Concrete spillage or concrete discharge directly to groundwater or surface waters of the State is prohibited. Do not wash out to formed areas awaiting LID facilities.
- i. Obtain written approval from Ecology before using any chemical treatment, with the exception of CO<sub>2</sub> or dry ice used to adjust pH.
- j. Uncontaminated water from water-only based shaft drilling for construction of building, road, and bridge foundations may be infiltrated provided the wastewater is managed in a way that prohibits discharge to surface waters. Prior to infiltration, water from water-only based shaft drilling that comes into contact with curing concrete must be neutralized until pH is in the range of 6.5 to 8.5 (su).

#### 10. Control Dewatering

- a. Permittees must discharge foundation, vault, and trench dewatering water, which have characteristics similar to stormwater runoff at the site, into a controlled conveyance system before discharge to a sediment trap or sediment pond.
- b. Permittees may discharge clean, non-turbid dewatering water, such as well-point ground water, to systems tributary to, or directly into surface waters of the State, as specified in Special Condition S9.D.8, provided the dewatering flow does not cause erosion or flooding of receiving waters. Do not route clean dewatering water through stormwater sediment ponds. Note that "surface waters of the State" may exist on a construction site as well as off site; for example, a creek running through a site.
- c. Other dewatering treatment or disposal options may include:
  - i. Infiltration.
  - ii. Transport off site in a vehicle, such as a vacuum flush truck, for legal disposal in a manner that does not pollute state waters.



- iii. Ecology-approved on-site chemical treatment or other suitable treatment technologies (see S9.D.9.i. regarding chemical treatment written approval).
  - iv. Sanitary or combined sewer discharge with local sewer district approval, if there is no other option.
  - v. Use of a sedimentation bag with discharge to a ditch or swale for small volumes of localized dewatering.
- d. Permittees must handle highly turbid or contaminated dewatering water separately from stormwater.

#### 11. Maintain BMPs

- a. Permittees must maintain and repair all temporary and permanent erosion and sediment control BMPs as needed to assure continued performance of their intended function in accordance with BMP specifications.
- b. Permittees must remove all temporary erosion and sediment control BMPs within 30 days after achieving final site stabilization or after the temporary BMPs are no longer needed.

#### 12. Manage the Project

- a. Phase development projects to the maximum degree practicable and take into account seasonal work limitations.
- b. Inspection and monitoring – Inspect, maintain and repair all BMPs as needed to assure continued performance of their intended function. Conduct site inspections and monitoring in accordance with Special Condition S4.
- c. Maintaining an updated construction SWPPP – Maintain, update, and implement the SWPPP in accordance with Special Conditions S3, S4 and S9.

#### 13. Protect Low Impact Development (LID) BMPs

The primary purpose of LID BMPs/On-site LID Stormwater Management BMPs is to reduce the disruption of the natural site hydrology. LID BMPs are permanent facilities.

- a. Permittees must protect all Bioretention and Rain Garden facilities from sedimentation through installation and maintenance of erosion and sediment control BMPs on portions of the site that drain into the Bioretention and/or Rain Garden facilities. Restore the facilities to their fully functioning condition if they accumulate sediment during construction. Restoring the facility must include removal of sediment and any sediment-laden Bioretention/Rain Garden soils, and replacing the removed soils with soils meeting the design specification.

- b. Permittees must maintain the infiltration capabilities of Bioretention and Rain Garden facilities by protecting against compaction by construction equipment and foot traffic. Protect completed lawn and landscaped areas from compaction due to construction equipment.
- c. Permittees must control erosion and avoid introducing sediment from surrounding land uses onto permeable pavements. Do not allow muddy construction equipment on the base material or pavement. Do not allow sediment-laden runoff onto permeable pavements.
- d. Permittees must clean permeable pavements fouled with sediments or no longer passing an initial infiltration test using local stormwater manual methodology or the manufacturer's procedures.
- e. Permittees must keep all heavy equipment off existing soils under LID facilities that have been excavated to final grade to retain the infiltration rate of the soils.

#### E. SWPPP – Map Contents and Requirements

The Permittee's SWPPP must also include a vicinity map or general location map (for example, a USGS quadrangle map, a portion of a county or city map, or other appropriate map) with enough detail to identify the location of the construction site and receiving waters within one mile of the site.

The SWPPP must also include a legible site map (or maps) showing the entire construction site. The following features must be identified, unless not applicable due to site conditions:

1. The direction of north, property lines, and existing structures and roads.
2. Cut and fill slopes indicating the top and bottom of slope catch lines.
3. Approximate slopes, contours, and direction of stormwater flow before and after major grading activities.
4. Areas of soil disturbance and areas that will not be disturbed.
5. Locations of structural and nonstructural controls (BMPs) identified in the SWPPP.
6. Locations of off-site material, stockpiles, waste storage, borrow areas, and vehicle/equipment storage areas.
7. Locations of all surface water bodies, including wetlands.
8. Locations where stormwater or non-stormwater discharges off-site and/or to a surface waterbody, including wetlands.
9. Location of water quality sampling station(s), if sampling is required by state or local permitting authority.

10. Areas where final stabilization has been accomplished and no further construction-phase permit requirements apply.
11. Location or proposed location of LID facilities.

## **S10. NOTICE OF TERMINATION**

- A. The site is eligible for termination of coverage when it has met any of the following conditions:
  1. The site has undergone final stabilization, the Permittee has removed all temporary BMPs (except biodegradable BMPs clearly manufactured with the intention for the material to be left in place and not interfere with maintenance or land use), and all stormwater discharges associated with construction activity have been eliminated; *or*
  2. All portions of the site that have not undergone final stabilization per Special Condition S10.A.1 have been sold and/or transferred (per General Condition G9), and the Permittee no longer has operational control of the construction activity; *or*
  3. For residential construction only, the Permittee has completed temporary stabilization and the homeowners have taken possession of the residences.
- B. When the site is eligible for termination, the Permittee must submit a complete and accurate Notice of Termination (NOT) form, signed in accordance with General Condition G2, to:

Department of Ecology  
Water Quality Program – Construction Stormwater  
PO Box 47696  
Olympia, Washington 98504-7696

When an electronic termination form is available, the Permittee may choose to submit a complete and accurate Notice of Termination (NOT) form through the Water Quality Permitting Portal rather than mailing a hardcopy as noted above.

The termination is effective on the thirty-first calendar day following the date Ecology receives a complete NOT form, unless Ecology notifies the Permittee that the termination request is denied because the Permittee has not met the eligibility requirements in Special Condition S10.A.

Permittees are required to comply with all conditions and effluent limitations in the permit until the permit has been terminated.

Permittees transferring the property to a new property owner or operator/Permittee are required to complete and submit the Notice of Transfer form to Ecology, but are not required to submit a Notice of Termination form for this type of transaction.

## GENERAL CONDITIONS

### G1. DISCHARGE VIOLATIONS

All discharges and activities authorized by this general permit must be consistent with the terms and conditions of this general permit. Any discharge of any pollutant more frequent than or at a level in excess of that identified and authorized by the general permit must constitute a violation of the terms and conditions of this permit.

### G2. SIGNATORY REQUIREMENTS

- A. All permit applications must bear a certification of correctness to be signed:
1. In the case of corporations, by a responsible corporate officer;
  2. In the case of a partnership, by a general partner of a partnership;
  3. In the case of sole proprietorship, by the proprietor; *or*
  4. In the case of a municipal, state, or other public facility, by either a principal executive officer or ranking elected official.
- B. All reports required by this permit and other information requested by Ecology (including NOIs, NOTs, and Transfer of Coverage forms) must be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
1. The authorization is made in writing by a person described above and submitted to Ecology.
  2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters.
- C. Changes to authorization. If an authorization under paragraph G2.B.2 above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph G2.B.2 above must be submitted to Ecology prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section must make the following certification:

“I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my

knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

### **G3. RIGHT OF INSPECTION AND ENTRY**

The Permittee must allow an authorized representative of Ecology, upon the presentation of credentials and such other documents as may be required by law:

- A. To enter upon the premises where a discharge is located or where any records are kept under the terms and conditions of this permit.
- B. To have access to and copy – at reasonable times and at reasonable cost – any records required to be kept under the terms and conditions of this permit.
- C. To inspect – at reasonable times – any facilities, equipment (including monitoring and control equipment), practices, methods, or operations regulated or required under this permit.
- D. To sample or monitor – at reasonable times – any substances or parameters at any location for purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act.

### **G4. GENERAL PERMIT MODIFICATION AND REVOCATION**

This permit may be modified, revoked and reissued, or terminated in accordance with the provisions of Chapter 173-226 WAC. Grounds for modification, revocation and reissuance, or termination include, but are not limited to, the following:

- A. When a change occurs in the technology or practices for control or abatement of pollutants applicable to the category of dischargers covered under this permit.
- B. When effluent limitation guidelines or standards are promulgated pursuant to the CWA or Chapter 90.48 RCW, for the category of dischargers covered under this permit.
- C. When a water quality management plan containing requirements applicable to the category of dischargers covered under this permit is approved, *or*
- D. When information is obtained that indicates cumulative effects on the environment from dischargers covered under this permit are unacceptable.

### **G5. REVOCATION OF COVERAGE UNDER THE PERMIT**

Pursuant to Chapter 43.21B RCW and Chapter 173-226 WAC, the Director may terminate coverage for any discharger under this permit for cause. Cases where coverage may be terminated include, but are not limited to, the following:

- A. Violation of any term or condition of this permit.
- B. Obtaining coverage under this permit by misrepresentation or failure to disclose fully all relevant facts.

- C. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.
- D. Failure or refusal of the Permittee to allow entry as required in RCW 90.48.090.
- E. A determination that the permitted activity endangers human health or the environment, or contributes to water quality standards violations.
- F. Nonpayment of permit fees or penalties assessed pursuant to RCW 90.48.465 and Chapter 173-224 WAC.
- G. Failure of the Permittee to satisfy the public notice requirements of WAC 173-226-130(5), when applicable.

The Director may require any discharger under this permit to apply for and obtain coverage under an individual permit or another more specific general permit. Permittees who have their coverage revoked for cause according to WAC 173-226-240 may request temporary coverage under this permit during the time an individual permit is being developed, provided the request is made within ninety (90) days from the time of revocation and is submitted along with a complete individual permit application form.

#### **G6. REPORTING A CAUSE FOR MODIFICATION**

The Permittee must submit a new application, or a supplement to the previous application, whenever a material change to the construction activity or in the quantity or type of discharge is anticipated which is not specifically authorized by this permit. This application must be submitted at least sixty (60) days prior to any proposed changes. Filing a request for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

#### **G7. COMPLIANCE WITH OTHER LAWS AND STATUTES**

Nothing in this permit will be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

#### **G8. DUTY TO REAPPLY**

The Permittee must apply for permit renewal at least 180 days prior to the specified expiration date of this permit. The Permittee must reapply using the electronic application form (NOI) available on Ecology's website. Permittees unable to submit electronically (for example, those who do not have an internet connection) must contact Ecology to request a waiver and obtain instructions on how to obtain a paper NOI.

Department of Ecology  
Water Quality Program - Construction Stormwater  
PO Box 47696  
Olympia, Washington 98504-7696

## **G9. TRANSFER OF GENERAL PERMIT COVERAGE**

Coverage under this general permit is automatically transferred to a new discharger, including operators of lots/parcels within a common plan of development or sale, if:

- A. A written agreement (Transfer of Coverage Form) between the current discharger (Permittee) and new discharger, signed by both parties and containing a specific date for transfer of permit responsibility, coverage, and liability (including any Administrative Orders associated with the Permit) is submitted to the Director; and
- B. The Director does not notify the current discharger and new discharger of the Director's intent to revoke coverage under the general permit. If this notice is not given, the transfer is effective on the date specified in the written agreement.

When a current discharger (Permittee) transfers a portion of a permitted site, the current discharger must also submit an updated application form (NOI) to the Director indicating the remaining permitted acreage after the transfer.

## **G10. REMOVED SUBSTANCES**

The Permittee must not re-suspend or reintroduce collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of stormwater to the final effluent stream for discharge to state waters.

## **G11. DUTY TO PROVIDE INFORMATION**

The Permittee must submit to Ecology, within a reasonable time, all information that Ecology may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The Permittee must also submit to Ecology, upon request, copies of records required to be kept by this permit [40 CFR 122.41(h)].

## **G12. OTHER REQUIREMENTS OF 40 CFR**

All other requirements of 40 CFR 122.41 and 122.42 are incorporated in this permit by reference.

## **G13. ADDITIONAL MONITORING**

Ecology may establish specific monitoring requirements in addition to those contained in this permit by administrative order or permit modification.

## **G14. PENALTIES FOR VIOLATING PERMIT CONDITIONS**

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars (\$10,000) and costs of prosecution, or by imprisonment at the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars (\$10,000) for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be deemed to be a separate and distinct violation.

#### **G15. UPSET**

Definition – “Upset” means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of the following paragraph are met.

A Permittee who wishes to establish the affirmative defense of upset must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence that: 1) an upset occurred and that the Permittee can identify the cause(s) of the upset; 2) the permitted facility was being properly operated at the time of the upset; 3) the Permittee submitted notice of the upset as required in Special Condition S5.F, and; 4) the Permittee complied with any remedial measures required under this permit.

In any enforcement proceeding, the Permittee seeking to establish the occurrence of an upset has the burden of proof.

#### **G16. PROPERTY RIGHTS**

This permit does not convey any property rights of any sort, or any exclusive privilege.

#### **G17. DUTY TO COMPLY**

The Permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

#### **G18. TOXIC POLLUTANTS**

The Permittee must comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if this permit has not yet been modified to incorporate the requirement.



## **G19. PENALTIES FOR TAMPERING**

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this condition, punishment shall be a fine of not more than \$20,000 per day of violation, or imprisonment of not more than four (4) years, or both.

## **G20. REPORTING PLANNED CHANGES**

The Permittee must, as soon as possible, give notice to Ecology of planned physical alterations, modifications or additions to the permitted construction activity. The Permittee should be aware that, depending on the nature and size of the changes to the original permit, a new public notice and other permit process requirements may be required. Changes in activities that require reporting to Ecology include those that will result in:

- A. The permitted facility being determined to be a new source pursuant to 40 CFR 122.29(b).
- B. A significant change in the nature or an increase in quantity of pollutants discharged, including but not limited to: for sites 5 acres or larger, a 20% or greater increase in acreage disturbed by construction activity.
- C. A change in or addition of surface water(s) receiving stormwater or non-stormwater from the construction activity.
- D. A change in the construction plans and/or activity that affects the Permittee's monitoring requirements in Special Condition S4.

Following such notice, permit coverage may be modified, or revoked and reissued pursuant to 40 CFR 122.62(a) to specify and limit any pollutants not previously limited. Until such modification is effective, any new or increased discharge in excess of permit limits or not specifically authorized by this permit constitutes a violation.

## **G21. REPORTING OTHER INFORMATION**

Where the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to Ecology, it must promptly submit such facts or information.

## **G22. REPORTING ANTICIPATED NON-COMPLIANCE**

The Permittee must give advance notice to Ecology by submission of a new application or supplement thereto at least forty-five (45) days prior to commencement of such discharges, of any facility expansions, production increases, or other planned changes, such as process modifications, in the permitted facility or activity which may result in noncompliance with permit limits or conditions. Any maintenance of facilities, which might necessitate

unavoidable interruption of operation and degradation of effluent quality, must be scheduled during non-critical water quality periods and carried out in a manner approved by Ecology.

### **G23. REQUESTS TO BE EXCLUDED FROM COVERAGE UNDER THE PERMIT**

Any discharger authorized by this permit may request to be excluded from coverage under the general permit by applying for an individual permit. The discharger must submit to the Director an application as described in WAC 173-220-040 or WAC 173-216-070, whichever is applicable, with reasons supporting the request. These reasons will fully document how an individual permit will apply to the applicant in a way that the general permit cannot. Ecology may make specific requests for information to support the request. The Director will either issue an individual permit or deny the request with a statement explaining the reason for the denial. When an individual permit is issued to a discharger otherwise subject to the construction stormwater general permit, the applicability of the construction stormwater general permit to that Permittee is automatically terminated on the effective date of the individual permit.

### **G24. APPEALS**

- A. The terms and conditions of this general permit, as they apply to the appropriate class of dischargers, are subject to appeal by any person within 30 days of issuance of this general permit, in accordance with Chapter 43.21B RCW, and Chapter 173-226 WAC.
- B. The terms and conditions of this general permit, as they apply to an individual discharger, are appealable in accordance with Chapter 43.21B RCW within 30 days of the effective date of coverage of that discharger. Consideration of an appeal of general permit coverage of an individual discharger is limited to the general permit's applicability or nonapplicability to that individual discharger.
- C. The appeal of general permit coverage of an individual discharger does not affect any other dischargers covered under this general permit. If the terms and conditions of this general permit are found to be inapplicable to any individual discharger(s), the matter shall be remanded to Ecology for consideration of issuance of an individual permit or permits.

### **G25. SEVERABILITY**

The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

### **G26. BYPASS PROHIBITED**

- A. Bypass Procedures

Bypass, which is the intentional diversion of waste streams from any portion of a treatment facility, is prohibited for stormwater events below the design criteria for

stormwater management. Ecology may take enforcement action against a Permittee for bypass unless one of the following circumstances (1, 2, 3 or 4) is applicable.

1. Bypass of stormwater is consistent with the design criteria and part of an approved management practice in the applicable stormwater management manual.
2. Bypass for essential maintenance without the potential to cause violation of permit limits or conditions.

Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of this permit, or adversely impact public health.

3. Bypass of stormwater is unavoidable, unanticipated, and results in noncompliance of this permit.

This bypass is permitted only if:

- a. Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.
  - b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, maintenance during normal periods of equipment downtime (but not if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance), or transport of untreated wastes to another treatment facility.
  - c. Ecology is properly notified of the bypass as required in Special Condition S5.F of this permit.
4. A planned action that would cause bypass of stormwater and has the potential to result in noncompliance of this permit during a storm event.

The Permittee must notify Ecology at least thirty (30) days before the planned date of bypass. The notice must contain:

- a. A description of the bypass and its cause.
- b. An analysis of all known alternatives which would eliminate, reduce, or mitigate the need for bypassing.
- c. A cost-effectiveness analysis of alternatives including comparative resource damage assessment.
- d. The minimum and maximum duration of bypass under each alternative.
- e. A recommendation as to the preferred alternative for conducting the bypass.

- f. The projected date of bypass initiation.
  - g. A statement of compliance with SEPA.
  - h. A request for modification of water quality standards as provided for in WAC 173-201A-110, if an exceedance of any water quality standard is anticipated.
  - i. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass.
5. For probable construction bypasses, the need to bypass is to be identified as early in the planning process as possible. The analysis required above must be considered during preparation of the Stormwater Pollution Prevention Plan (SWPPP) and must be included to the extent practical. In cases where the probable need to bypass is determined early, continued analysis is necessary up to and including the construction period in an effort to minimize or eliminate the bypass.

Ecology will consider the following before issuing an administrative order for this type bypass:

- a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of this permit.
- b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
- c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, Ecology will approve, conditionally approve, or deny the request. The public must be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by Ecology under RCW 90.48.120.

#### B. Duty to Mitigate

The Permittee is required to take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

## APPENDIX A – DEFINITIONS

**AKART** is an acronym for “all known, available, and reasonable methods of prevention, control, and treatment.” AKART represents the most current methodology that can be reasonably required for preventing, controlling, or abating the *pollutants* and controlling pollution associated with a discharge.

**Applicable TMDL** means a TMDL for turbidity, fine sediment, high pH, or phosphorus, which was completed and approved by EPA before January 1, 2016, or before the date the operator’s complete permit application is received by Ecology, whichever is later.

**Applicant** means an *operator* seeking coverage under this permit.

**Benchmark** means a *pollutant* concentration used as a permit threshold, below which a *pollutant* is considered unlikely to cause a water quality violation, and above which it may. When *pollutant* concentrations exceed benchmarks, corrective action requirements take effect. Benchmark values are not water quality standards and are not numeric effluent limitations; they are indicator values.

**Best Management Practices (BMPs)** means schedules of activities, prohibitions of practices, maintenance procedures, and other physical, structural and/or managerial practices to prevent or reduce the pollution of waters of the State. BMPs include treatment systems, operating procedures, and practices to control: *stormwater* associated with construction activity, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

**Buffer** means an area designated by a local *jurisdiction* that is contiguous to and intended to protect a sensitive area.

**Bypass** means the intentional diversion of waste streams from any portion of a treatment facility.

**Calendar Day** A period of 24 consecutive hours starting at 12:00 midnight and ending the following 12:00 midnight.

**Calendar Week** (same as **Week**) means a period of seven consecutive days starting at 12:01 a.m. (0:01 hours) on Sunday.

**Certified Erosion and Sediment Control Lead (CESCL)** means a person who has current certification through an approved erosion and sediment control training program that meets the minimum training standards established by Ecology (see BMP C160 in the SWMM).

**Chemical Treatment** means the addition of chemicals to *stormwater* and/or authorized non-stormwater prior to filtration and discharge to surface waters.

**Clean Water Act (CWA)** means the Federal Water Pollution Control Act enacted by Public Law 92-500, as amended by Public Laws 95-217, 95-576, 96-483, and 97-117; USC 1251 et seq.

**Combined Sewer** means a sewer which has been designed to serve as a sanitary sewer and a storm sewer, and into which inflow is allowed by local ordinance.

**Common Plan of Development or Sale** means a site where multiple separate and distinct *construction activities* may be taking place at different times on different schedules and/or by different contractors, but still under a single plan. Examples include: 1) phased projects and projects with multiple filings or lots, even if the separate phases or filings/lots will be constructed under separate contract or by separate owners (e.g., a development where lots are sold to separate builders); 2) a development plan that may be phased over multiple years, but is still under a consistent plan for long-term development; 3) projects in a contiguous area that may be unrelated but still under the same contract, such as construction of a building extension and a new parking lot at the same facility; and 4) linear projects such as roads, pipelines, or utilities. If the project is part of a common plan of development or sale, the disturbed area of the entire plan must be used in determining permit requirements.

**Composite Sample** means a mixture of grab samples collected at the same sampling point at different times, formed either by continuous sampling or by mixing discrete samples. May be "time-composite" (collected at constant time intervals) or "flow-proportional" (collected either as a constant sample volume at time intervals proportional to stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots).

**Concrete Wastewater** means any water used in the production, pouring and/or clean-up of concrete or concrete products, and any water used to cut, grind, wash, or otherwise modify concrete or concrete products. Examples include water used for or resulting from concrete truck/mixer/pumper/tool/chute rinsing or washing, concrete saw cutting and surfacing (sawing, coring, grinding, roughening, hydro-demolition, bridge and road surfacing). When *stormwater* comingles with concrete wastewater, the resulting water is considered concrete wastewater and must be managed to prevent discharge to *waters of the State*, including *ground water*.

**Construction Activity** means land disturbing operations including clearing, grading or excavation which disturbs the surface of the land. Such activities may include road construction, construction of residential houses, office buildings, or industrial buildings, site preparation, soil compaction, movement and stockpiling of topsoils, and demolition activity.

**Contaminant** means any hazardous substance that does not occur naturally or occurs at greater than natural background levels. See definition of "*hazardous substance*" and WAC 173-340-200.

**Contaminated Groundwater** means groundwater which contains *contaminants*, *pollutants*, or *hazardous substances* that do not occur naturally or occur at levels greater than natural background.

**Contaminated Soil** means soil which contains *contaminants*, *pollutants*, or *hazardous substances* that do not occur naturally or occur at levels greater than natural background.

**Demonstrably Equivalent** means that the technical basis for the selection of all stormwater BMPs is documented within a SWPPP, including:

1. The method and reasons for choosing the stormwater BMPs selected.

2. The *pollutant* removal performance expected from the BMPs selected.
3. The technical basis supporting the performance claims for the BMPs selected, including any available data concerning field performance of the BMPs selected.
4. An assessment of how the selected BMPs will comply with state water quality standards.
5. An assessment of how the selected BMPs will satisfy both applicable federal technology-based treatment requirements and state requirements to use all known, available, and reasonable methods of prevention, control, and treatment (AKART).

**Department** means the Washington State Department of Ecology.

**Detention** means the temporary storage of *stormwater* to improve quality and/or to reduce the mass flow rate of discharge.

**Dewatering** means the act of pumping *ground water* or *stormwater* away from an active construction site.

**Director** means the Director of the Washington State Department of Ecology or his/her authorized representative.

**Discharger** means an owner or *operator* of any facility or activity subject to regulation under Chapter 90.48 RCW or the Federal Clean Water Act.

**Domestic Wastewater** means water carrying human wastes, including kitchen, bath, and laundry wastes from residences, buildings, industrial establishments, or other places, together with such ground water infiltration or surface waters as may be present.

**Ecology** means the Washington State Department of Ecology.

**Engineered Soils** means the use of soil amendments including, but not limited, to Portland cement treated base (CTB), cement kiln dust (CKD), or fly ash to achieve certain desirable soil characteristics.

**Equivalent BMPs** means operational, source control, treatment, or innovative BMPs which result in equal or better quality of stormwater discharge to *surface water* or to *ground water* than BMPs selected from the SWMM.

**Erosion** means the wearing away of the land surface by running water, wind, ice, or other geological agents, including such processes as gravitational creep.

**Erosion and Sediment Control BMPs** means BMPs intended to prevent erosion and sedimentation, such as preserving natural vegetation, seeding, mulching and matting, plastic covering, filter fences, sediment traps, and ponds. Erosion and sediment control BMPs are synonymous with stabilization and structural BMPs.

**Federal Operator** is an entity that meets the definition of “*Operator*” in this permit and is either any department, agency or instrumentality of the executive, legislative, and judicial branches of

the Federal government of the United States, or another entity, such as a private contractor, performing construction activity for any such department, agency, or instrumentality.

**Final Stabilization** (same as **fully stabilized** or **full stabilization**) means the establishment of a permanent vegetative cover, or equivalent permanent stabilization measures (examples of permanent non-vegetative stabilization methods include, but are not limited to riprap, gabions or geotextiles) which prevents erosion.

**Ground Water** means water in a saturated zone or stratum beneath the land surface or a surface waterbody.

**Hazardous Substance** means any dangerous or extremely hazardous waste as defined in RCW 70.105.010 (5) and (6), or any dangerous or extremely dangerous waste as designated by rule under chapter 70.105 RCW; any hazardous substance as defined in RCW 70.105.010(10) or any hazardous substance as defined by rule under chapter 70.105 RCW; any substance that, on the effective date of this section, is a hazardous substance under section 101(14) of the federal cleanup law, 42 U.S.C., Sec. 9601(14); petroleum or petroleum products; and any substance or category of substances, including solid waste decomposition products, determined by the director by rule to present a threat to human health or the environment if released into the environment. The term hazardous substance does not include any of the following when contained in an underground storage tank from which there is not a release: crude oil or any fraction thereof or petroleum, if the tank is in compliance with all applicable federal, state, and local law.

**Injection Well** means a well that is used for the subsurface emplacement of fluids. (See Well.)

**Jurisdiction** means a political unit such as a city, town or county; incorporated for local self-government.

**National Pollutant Discharge Elimination System (NPDES)** means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring, and enforcing permits, and imposing and enforcing pretreatment requirements, under sections 307, 402, 318, and 405 of the Federal Clean Water Act, for the discharge of *pollutants* to surface waters of the State from point sources. These permits are referred to as NPDES permits and, in Washington State, are administered by the Washington State Department of Ecology.

**Notice of Intent (NOI)** means the application for, or a request for coverage under this general permit pursuant to WAC 173-226-200.

**Notice of Termination (NOT)** means a request for termination of coverage under this general permit as specified by Special Condition S10 of this permit.

**Operator** means any party associated with a construction project that meets either of the following two criteria:

- The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or



- The party has day-to-day operational control of those activities at a project that are necessary to ensure compliance with a SWPPP for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWPPP or comply with other permit conditions).

**Permittee** means individual or entity that receives notice of coverage under this general permit.

**pH** means a liquid's measure of acidity or alkalinity. A pH of 7 is defined as neutral. Large variations above or below this value are considered harmful to most aquatic life.

**pH Monitoring Period** means the time period in which the pH of *stormwater* runoff from a site must be tested a minimum of once every seven days to determine if *stormwater* pH is between 6.5 and 8.5.

**Point Source** means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, and container from which *pollutants* are or may be discharged to surface waters of the State. This term does not include return flows from irrigated agriculture. (See Fact Sheet for further explanation.)

**Pollutant** means dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, domestic sewage sludge (biosolids), munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste. This term does not include sewage from vessels within the meaning of section 312 of the CWA, nor does it include dredged or fill material discharged in accordance with a permit issued under section 404 of the CWA.

**Pollution** means contamination or other alteration of the physical, chemical, or biological properties of waters of the State; including change in temperature, taste, color, turbidity, or odor of the waters; or such discharge of any liquid, gaseous, solid, radioactive or other substance into any *waters of the State* as will or is likely to create a nuisance or render such waters harmful, detrimental or injurious to the public health, safety or welfare; or to domestic, commercial, industrial, agricultural, recreational, or other legitimate beneficial uses; or to livestock, wild animals, birds, fish or other aquatic life.

**Process Wastewater** means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product. If *stormwater* commingles with process wastewater, the commingled water is considered process wastewater.

**Receiving Water** means the waterbody at the point of discharge. If the discharge is to a *storm sewer system*, either surface or subsurface, the receiving water is the waterbody to which the storm system discharges. Systems designed primarily for other purposes such as for ground water drainage, redirecting stream natural flows, or for conveyance of irrigation water/return flows that coincidentally convey *stormwater* are considered the receiving water.

**Representative** means a *stormwater* or wastewater sample which represents the flow and characteristics of the discharge. Representative samples may be a grab sample, a time-proportionate *composite sample*, or a flow proportionate sample. Ecology's Construction Stormwater Monitoring Manual provides guidance on representative sampling.

**Responsible Corporate Officer** for the purpose of signatory authority means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures (40 CFR 122.22).

**Sanitary Sewer** means a sewer which is designed to convey domestic wastewater.

**Sediment** means the fragmented material that originates from the weathering and erosion of rocks or unconsolidated deposits, and is transported by, suspended in, or deposited by water.

**Sedimentation** means the depositing or formation of sediment.

**Sensitive Area** means a waterbody, wetland, stream, aquifer recharge area, or channel migration zone.

**SEPA** (State Environmental Policy Act) means the Washington State Law, RCW 43.21C.020, intended to prevent or eliminate damage to the environment.

**Significant Amount** means an amount of a *pollutant* in a discharge that is amenable to available and reasonable methods of prevention or treatment; or an amount of a *pollutant* that has a reasonable potential to cause a violation of surface or ground water quality or sediment management standards.

**Significant Concrete Work** means greater than 1000 cubic yards poured concrete or recycled concrete used over the life of a project.

**Significant Contributor of Pollutants** means a facility determined by Ecology to be a contributor of a significant amount(s) of a *pollutant*(s) to waters of the State of Washington.

**Site** means the land or water area where any "facility or activity" is physically located or conducted.

**Source Control BMPs** means physical, structural or mechanical devices or facilities that are intended to prevent *pollutants* from entering *stormwater*. A few examples of source control

BMPs are erosion control practices, maintenance of stormwater facilities, constructing roofs over storage and working areas, and directing wash water and similar discharges to the *sanitary sewer* or a dead end sump.

**Stabilization** means the application of appropriate BMPs to prevent the erosion of soils, such as, temporary and permanent seeding, vegetative covers, mulching and matting, plastic covering and sodding. See also the definition of Erosion and Sediment Control BMPs.

**Storm Drain** means any drain which drains directly into a *storm sewer system*, usually found along roadways or in parking lots.

**Storm Sewer System** means a means a conveyance, or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains designed or used for collecting or conveying *stormwater*. This does not include systems which are part of a *combined sewer* or Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.

**Stormwater** means that portion of precipitation that does not naturally percolate into the ground or evaporate, but flows via overland flow, interflow, pipes, and other features of a stormwater drainage system into a defined surface waterbody, or a constructed infiltration facility.

**Stormwater Management Manual (SWMM) or Manual** means the technical Manual published by Ecology for use by local governments that contain descriptions of and design criteria for BMPs to prevent, control, or treat *pollutants* in *stormwater*.

**Stormwater Pollution Prevention Plan (SWPPP)** means a documented plan to implement measures to identify, prevent, and control the contamination of point source discharges of *stormwater*.

**Surface Waters of the State** includes lakes, rivers, ponds, streams, inland waters, salt waters, and all other surface waters and water courses within the jurisdiction of the State of Washington.

**Temporary Stabilization** means the exposed ground surface has been covered with appropriate materials to provide temporary stabilization of the surface from water or wind erosion. Materials include, but are not limited to, mulch, riprap, erosion control mats or blankets and temporary cover crops. Seeding alone is not considered stabilization. Temporary stabilization is not a substitute for the more permanent "*final stabilization*."

**Total Maximum Daily Load (TMDL)** means a calculation of the maximum amount of a *pollutant* that a waterbody can receive and still meet state water quality standards. Percentages of the total maximum daily load are allocated to the various pollutant sources. A TMDL is the sum of the allowable loads of a single *pollutant* from all contributing point and nonpoint sources. The TMDL calculations must include a "margin of safety" to ensure that the waterbody can be protected in case there are unforeseen events or unknown sources of the *pollutant*. The calculation must also account for seasonable variation in water quality.

**Transfer of Coverage (TOC)** means a request for transfer of coverage under this general permit as specified by General Condition G9 of this permit.

**Treatment BMPs** means BMPs that are intended to remove *pollutants* from *stormwater*. A few examples of treatment BMPs are detention ponds, oil/water separators, biofiltration, and constructed wetlands.

**Transparency** means a measurement of water clarity in centimeters (cm), using a 60 cm transparency tube. The transparency tube is used to estimate the relative clarity or transparency of water by noting the depth at which a black and white Secchi disc becomes visible when water is released from a value in the bottom of the tube. A transparency tube is sometimes referred to as a “turbidity tube.”

**Turbidity** means the clarity of water expressed as nephelometric turbidity units (NTUs) and measured with a calibrated turbidimeter.

**Uncontaminated** means free from any contaminant. See definition of “*contaminant*” and WAC 173-340-200.

**Waste Load Allocation (WLA)** means the portion of a receiving water’s loading capacity that is allocated to one of its existing or future point sources of pollution. WLAs constitute a type of water quality based effluent limitation (40 CFR 130.2[h]).

**Water-only Based Shaft Drilling** is a shaft drilling process that uses water only and no additives are involved in the drilling of shafts for construction of building, road, or bridge foundations.

**Water quality** means the chemical, physical, and biological characteristics of water, usually with respect to its suitability for a particular purpose.

**Waters of the State** includes those waters as defined as "waters of the United States" in 40 CFR Subpart 122.2 within the geographic boundaries of Washington State and "waters of the State" as defined in Chapter 90.48 RCW, which include lakes, rivers, ponds, streams, inland waters, underground waters, salt waters, and all other surface waters and water courses within the jurisdiction of the state of Washington.

**Well** means a bored, drilled or driven shaft, or dug hole whose depth is greater than the largest surface dimension. (See Injection well.)

**Wheel Wash Wastewater** means any water used in, or resulting from the operation of, a tire bath or wheel wash (BMP C106: Wheel Wash), or other structure or practice that uses water to physically remove mud and debris from vehicles leaving a construction site and prevent track-out onto roads. When *stormwater* combines with wheel wash wastewater, the resulting water is considered wheel wash wastewater and must be managed according to Special Condition S9.D.9.

## APPENDIX B – ACRONYMS

<b>AKART</b>	All Known, Available, and Reasonable Methods of Prevention, Control, and Treatment
<b>BMP</b>	Best Management Practice
<b>CESCL</b>	Certified Erosion and Sediment Control Lead
<b>CFR</b>	Code of Federal Regulations
<b>CKD</b>	Cement Kiln Dust
<b>cm</b>	Centimeters
<b>CTB</b>	Cement-Treated Base
<b>CWA</b>	Clean Water Act
<b>DMR</b>	Discharge Monitoring Report
<b>EPA</b>	Environmental Protection Agency
<b>ERTS</b>	Environmental Report Tracking System
<b>ESC</b>	Erosion and Sediment Control
<b>FR</b>	Federal Register
<b>LID</b>	Low Impact Development
<b>NOI</b>	Notice of Intent
<b>NOT</b>	Notice of Termination
<b>NPDES</b>	National Pollutant Discharge Elimination System
<b>NTU</b>	Nephelometric Turbidity Unit
<b>RCW</b>	Revised Code of Washington
<b>SEPA</b>	State Environmental Policy Act
<b>SWMM</b>	Stormwater Management Manual
<b>SWPPP</b>	Stormwater Pollution Prevention Plan
<b>TMDL</b>	Total Maximum Daily Load
<b>UIC</b>	Underground Injection Control
<b>USC</b>	United States Code
<b>USEPA</b>	United States Environmental Protection Agency
<b>WAC</b>	Washington Administrative Code
<b>WQ</b>	Water Quality
<b>WWHM</b>	Western Washington Hydrology Model

# **Appendix E**

# Memo



5205 Corporate Ctr. Ct. SE, Ste. A  
Olympia, WA 98503-5901  
Phone: 360.570.1700  
Fax: 360.570.1777  
www.uspioneer.com

**To:** Lisa Parks  
**From:** Joel Hecker, LG, LHG  
**Cc:** Chris Waldron, PE (PIONEER)  
**Date:** December 1, 2021  
**Subject:** Groundwater Storage and Discharge Results for the Westman Mill Development (i.e., Lot 11 at the East Bay Redevelopment Site)  
Agreed Order DE14072, Ecology Facility/Site No. 5785176, Cleanup Site ID No. 407

This memorandum summarizes discharge records associated with groundwater collected at the Westman Mill Development (i.e., Lot 11 at the East Bay Redevelopment Site/Agreed Order DE14072, Ecology Facility/Site No. 5785176, Cleanup Site ID No. 407). Dewatering was completed per the Washington Department of Ecology-approved Engineering Design Report (EDR) for Lot 11 (PIONEER 2018). The varying elevation of the water table occasionally caused groundwater to flow into some of the open excavations associated with ongoing construction. The groundwater was pumped with a trash pump and placed in 18,000-gallon baker tanks that were stored on the site. Once the groundwater had nearly filled a tank, the water was sampled for constituents of concern (COCs) based on the LOTT Discharge Authorization Letter (DAL) to determine if it was suitable to be sent to the sanitary sewer as-is, or if it needed pre-treatment prior to discharging. A summary of each tank's sampling results are as follows:

1. Tank 256231: Sampled on 03/19/19 and all sampling results were below the DAL limits.
2. Tank 265760: Sampled on 04/11/19 and sampling results were below the DAL limits.
3. Tank 254508: Sampled on 05/30/19 and sampling results were below the DAL limits.
4. Tank 259350: Sampled on 06/11/19 and sampling results were below the DAL limits.
5. Tank 259350: Sampled on 11/06/19 and sampling results were below the DAL limits.
6. Tank 41833UW: Sampled on 01/06/21 and sampling results were below the DAL limits.

The COCs included arsenic, 2,3,7,8 TCDD, gasoline, and naphthalenes. A summary of the discharge events are as follows:

**Table 1: Summary of Groundwater/Dewatering Discharge**

Dewater Storage Tank Number	Tank Sample Date	All Analytes Below LOTT DAL Limits? (Yes/No)	Discharge to Sewer Date	Discharge Volume (in gallons)	Manhole Number Receiving Discharge
256231	3/19/2019	Yes	4/19/2019	15,072	#2948
265760	4/11/2019	Yes	4/23/2019	14,700	#2948
254508	5/30/2019	Yes	6/5/2019	16,651	#2948
259350	6/11/2019	Yes	8/6/2019	15,422	#2948
259350	11/6/2019	Yes	11/22/2019	2,381	#3095
41833UW	1/6/2021	Yes	1/14/2021	5,170	#2948
<b>Total Discharge (in gallons):</b>				<b>69,396</b>	

**Note:**

Following the discharge on 1/6/2021, the last dewatering tank was removed from the Site.

## References

PIONEER. 2018. Engineering Design Report (Lot 11). East Bay Redevelopment Site (Lot 11), Olympia, Washington. June.

## Enclosures

Attachment A	LOTT Discharge Authorization Letter
Attachment B	Discharge Records
Attachment C	Pre-Discharge Water Quality Sampling Results



# **Attachment A**

January 30, 2019

Lacey  
Olympia  
Tumwater  
Thurston County

JOHN WALKER  
3<sup>RD</sup> GENERATION INVESTMENT LLC  
407 ADAMS ST SE  
OLYMPIA, WA 98501

Dear Mr. Walker:

**SUBJECT: WESTMAN MILL DISCHARGE AUTHORIZATION LETTER**

The LOTT Clean Water Alliance (LOTT) has been contacted by Thomas Architecture Studios on the behalf of 3<sup>rd</sup> Generation Investment LLC (Permittee). Thomas Architecture Studios is requesting authorization to discharge groundwater and incidental stormwater to the sanitary sewer resulting from construction dewatering at your project located at 510 State Ave. NE. After reviewing information from Thomas Architecture Studios, LOTT is granting the request, contingent upon the following conditions:

1. Discharge shall be to either sanitary sewer manhole 2948 located at the corner of Cherry and State St., or sanitary sewer manhole 3095 located at the intersection of Jefferson St. NW and Olympia Ave NE, as determined by the City of Olympia.
2. All discharges to the sanitary sewer shall first pass through a treatment system designed to remove soil sediments and other settleable materials. A Baker Tank or similar equipment shall be provided to meet the above noted criteria.
3. No sediments contained in the excavation or the treatment system shall be allowed to enter the sanitary sewer. This includes during both discharging and treatment system-cleaning activities.
4. The discharge flow rate shall be controlled to facilitate pollutant removal in the treatment system, and to prevent surcharging or overflowing the sanitary sewer. At no time shall the discharge exceed 25,000 gallons per day, averaged over a calendar month.
5. A flow meter shall be installed to measure the totalized flow. Wastewater utility rates shall be paid to the City in accordance with OMC 13.08.190 B (4) and OMC 4.24.010 B. Permittee shall establish an account with City Utility Billing staff (360) 753-8340 prior to connection to the sanitary sewer system.
6. Unless otherwise directed, discharge to the sanitary sewer system is permitted during daylight hours, Monday through Friday, as batch discharges.
7. The Permittee shall provide the City and LOTT a minimum of 24 hours notice prior to initiating discharge to the sanitary sewer.
8. Samples of the treated groundwater shall be collected within four (4) hours of startup of the treatment system, and analyzed for the parameters listed in Table 1. Samples shall then be collected and analyzed for the following parameters, location(s), and frequency as indicated in Table 1.


Table 1

Sample Parameter	Sample Point	Sample Type	Sample Frequency	Discharge Limit
Arsenic	Outfall 001	Grab	Weekly*	0.2 mg/L
TCDD Equivalents	Outfall 001	Grab	Weekly*	No detectable amount
TPH Gasoline	Outfall 001	Grab	Weekly*	100 mg/L cumulative* <sup>1</sup>
Naphthalenes	Outfall 001	Grab	Weekly*	100 mg/L cumulative* <sup>1</sup>

9. A monthly report shall be submitted to LOTT by the 15<sup>th</sup> of the following month that includes the laboratory analyses and total gallons discharged during the previous month. If no discharge occurs, a report stating that no discharge occurred is required.
10. If the Permittee monitors any pollutant more frequently than required by this letter the results of such monitoring shall be submitted to LOTT within 30 days of sample collection.
11. Upon request, all laboratory results pertinent to the water quality discharged to the sanitary sewer system shall be provided to the City and/or LOTT within 24 hours.
12. All discharges to the sanitary sewer system shall be in accordance with OMC 13.20.
13. This discharge authorization is limited to discharges of treated groundwater resulting from construction dewatering and incidental stormwater at 510 State Ave. NE. Separate authorization will be required for any subsequent discharges from this or any adjacent sites.
14. This discharge authorization shall expire on July 30, 2019, or upon completion of the project, or removal of onsite treatment equipment.
15. The issuance of this letter does not obviate the need for permits or authorizations that may be required from other LOTT Departments, as well as from federal, state and other local agencies with jurisdiction over this activity. It is the Permittee's responsibility to coordinate with all such departments and other agencies in order to determine the need for, and obtain as may be required, permits or authorizations.
16. LOTT or the City of Olympia may amend or revoke this Discharge Authorization Letter for good cause including but not limited to violations of any pretreatment standard or requirement, or any terms of this Letter.

Please contact me should you have any questions or require more information regarding this Discharge Authorization Letter.

Sincerely,

A handwritten signature in black ink that reads "Justin Boyes". The signature is written in a cursive style with a large, looped 'J' and 'B'.

Justin Boyes | Environmental Program Manager  
(360) 528-5728 | [justinboyes@lottcleanwater.org](mailto:justinboyes@lottcleanwater.org)

CC: Diane Utter, P.E. Water Resources Engineer, City of Olympia

# **Attachment B**

Tank Number 256231  
Image of Meter Prior to April  
19, 2019 Discharge



Tank Number 256231  
Image of Meter After April  
19, 2019 Discharge



Label	Value
gal	5.76
gal	144.0
Total	0.0
gal	
Min	
Rev	

Tank Number 265760  
Image of Meter Prior to April  
23, 2019 Discharge



gal Total  
576 1452

- E P -

gal Min Rate



Tank Number 265760  
Image of Meter After April  
23, 2019 Discharge

gal	Total
5776	152
	6.6

**From:** Cory Grant <clgrant59@outlook.com>  
**Sent:** Monday, June 10, 2019 12:46 PM  
**To:** Justin Boyes  
**Cc:** Chris Waldron; Connor Haydon; Cameron Monda  
**Subject:** Re: Discharge # 3

To All

Please be advised that on 6-5-19 we discharged from Tank # 3 (254508) into the manhole located at the corner of Jefferson and Olympia 16,651 gallons per the Westman Mill Discharge Authorization Letter dated 1-30-19.

**R. Cory Grant**  
**Bailey General Contractors**  
**Project Superintendent**  
Mobile 727-647-1002  
E-mail: clgrant59@outlook.com

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**From:** Justin Boyes <JustinBoyes@lottcleanwater.org>  
**Date:** Tuesday, June 4, 2019 at 8:37 AM  
**To:** 'Cory Grant' <clgrant59@outlook.com>  
**Cc:** Chris Waldron <waldronc@uspioneer.com>  
**Subject:** RE: Westman Mill Discharge Authorization # 1 - Tank #254508 Sampled on 05/30/2019

Hello Cory,  
The 24 hour notice requirement was only for the initial discharge to the sewer.  
You don't need to notify me prior to discharge of each batch.  
However, I appreciate your diligence.  
Thanks,

Justin Boyes | Environmental Program Manager  
LOTT Clean Water Alliance | 500 Adams St NE, Olympia, WA 98501  
direct 360.528.5728 | main 360.664.2333  
[LOTT Website](#) | [Facebook](#)

---

**From:** Cory Grant [mailto:clgrant59@outlook.com]  
**Sent:** Tuesday, June 04, 2019 7:04 AM  
**To:** Justin Boyes <JustinBoyes@lottcleanwater.org>  
**Subject:** Fwd: Westman Mill Discharge Authorization # 1 - Tank #254508 Sampled on 05/30/2019

Justin  
Can we consider this our 24 hour notice to discharge tank #3. 254508 into manhole located at the corner of Jefferson and Olympia

Sent from my iPhone



Tank Number 259350  
Image of Meter Prior to  
August 6, 2019 Discharge



gal	Total
5793092	
- E.P. -	
gal	Rate



Tank Number 259350  
Image of Meter After August  
6, 2019 Discharge





Tank Number 259350  
Image of Meter Prior to  
November 22, 2019  
Discharge



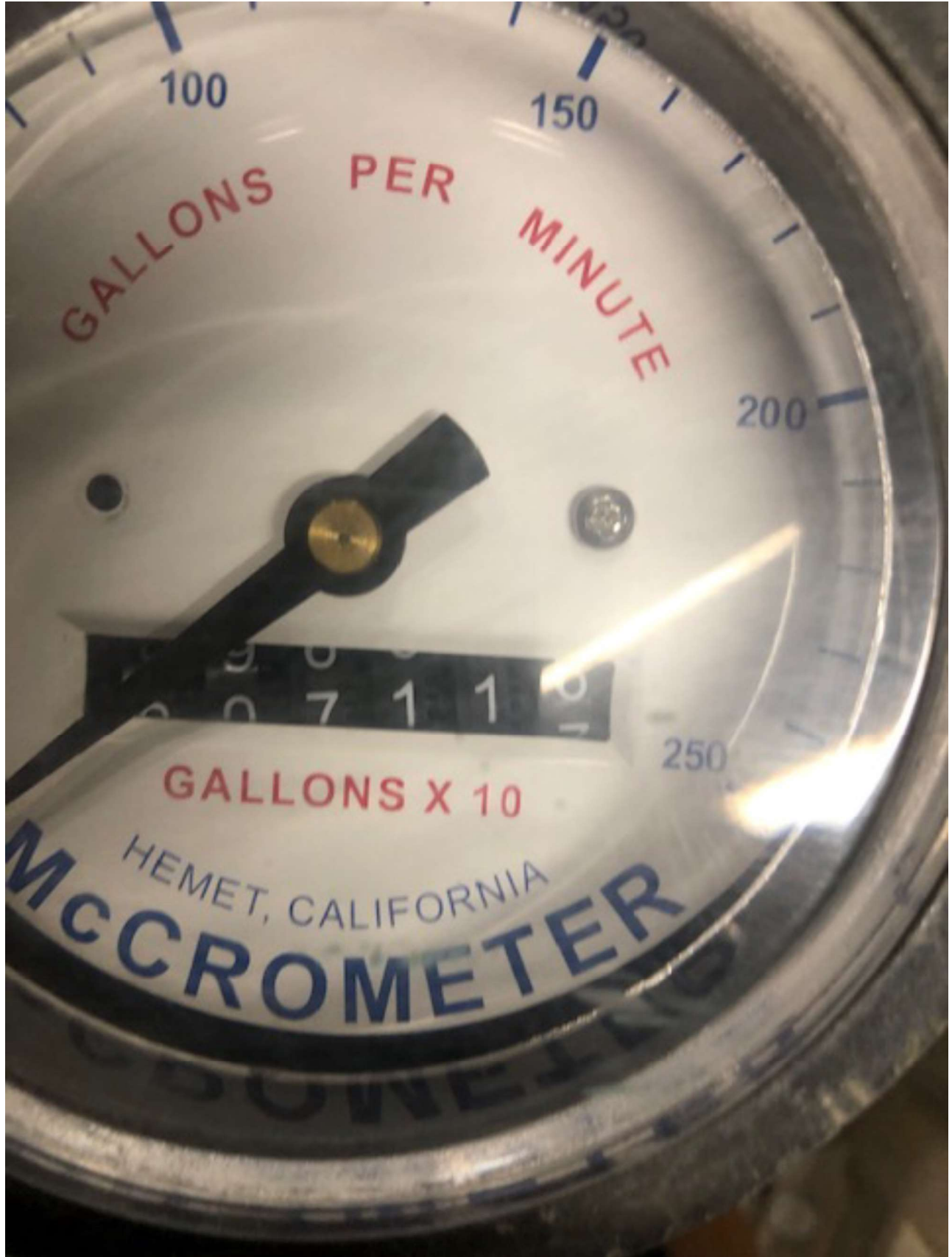
Unit	Value	Label
gal	58005.14	Total
gal/Min	-EP	Rate



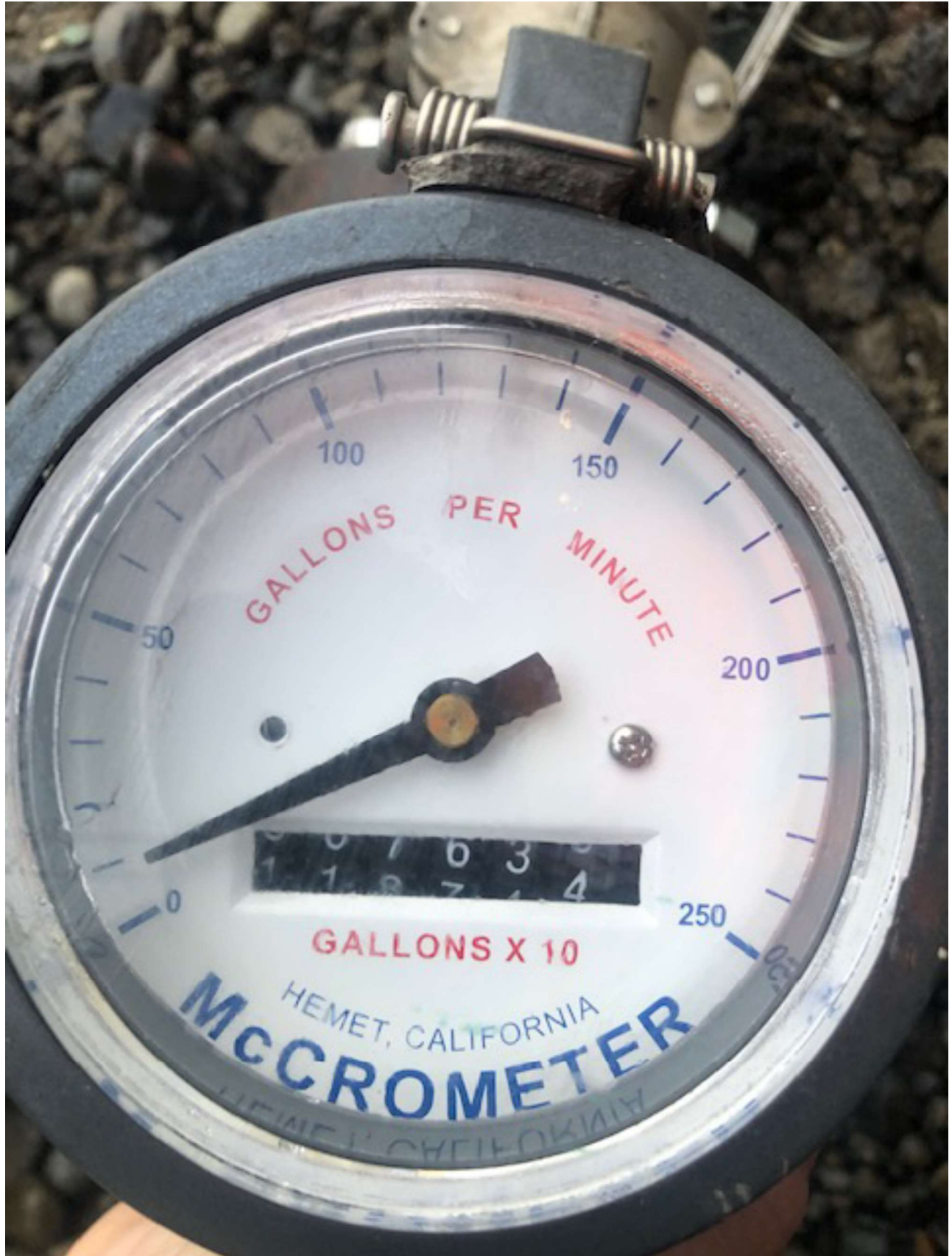
Tank Number 259350  
Image of Meter After  
November 22, 2019  
Discharge



Tank Number 4183UW  
Image of Meter Prior to  
January 14, 2021 Discharge



Tank Number 4183UW  
Image of Meter After January  
14, 2021 Discharge





# **Attachment C**

**Table 1: Sampling Results from Groundwater  
Dewater Tank # 256231 on 03/19/19 - Westman Mill Development Site  
(East Bay - Olympia, WA)**

<b>LOTT Discharge Parameter List</b>	<b>IN-T-01-031919 (mg/L)</b>	<b>LOTT Discharge Authorization Limit (mg/L)</b>	<b>Maximum Detected Concentration &gt; LOTT DAL? (True/False)</b>
Arsenic	0.0111	0.2	FALSE
TPH-G	< 0.1	100	FALSE
Total Naphthalenes	< 0.0024	100	FALSE
2,3,7,8-TCDD	< 0.000000025	ND	FALSE

**Notes:**

Sample collected on March 19, 2019.

ND = No Detectable Amount

**Table 2: Sampling Results from Groundwater  
Dewater Tank # 265760 on 04/11/19 - Westman Mill Development Site  
(East Bay - Olympia, WA)**

<b>LOTT Discharge Parameter List</b>	<b>IN-T-02-041119 (mg/L)</b>	<b>LOTT Discharge Authorization Limit (mg/L)</b>	<b>Maximum Detected Concentration &gt; LOTT DAL? (True/False)</b>
Arsenic	0.00279	0.2	FALSE
TPH-G	< 0.1	100	FALSE
Total Naphthalenes	< 0.0024	100	FALSE
2,3,7,8-TCDD	< 0.00000005	ND	FALSE

**Notes:**

Sample collected on April 11, 2019.

ND = No Detectable Amount

**Table 3: Sampling Results from Groundwater  
Dewater Tank # 254508 on 05/30/19 - Westman Mill Development Site  
(East Bay - Olympia, WA)**

<b>LOTT Discharge Parameter List</b>	<b>IN-T-03-053019 (mg/L)</b>	<b>LOTT Discharge Authorization Limit (mg/L)</b>	<b>Maximum Detected Concentration &gt; LOTT DAL? (True/False)</b>
Arsenic	0.00209	0.2	FALSE
TPH-G	< 0.1	100	FALSE
Total Naphthalenes	< 0.0012	100	FALSE
2,3,7,8-TCDD	< 0.00000005	ND	FALSE

**Notes:**

Sample collected on May 30, 2019.

ND = No Detectable Amount

**Table 4: Sampling Results from Groundwater  
Dewater Tank # 259350 on 06/11/19 - Westman Mill Development Site  
(East Bay - Olympia, WA)**

<b>LOTT Discharge Parameter List</b>	<b>IN-T-04-061119 (mg/L)</b>	<b>LOTT Discharge Authorization Limit (mg/L)</b>	<b>Maximum Detected Concentration &gt; LOTT DAL? (True/False)</b>
Arsenic	0.00179	0.2	FALSE
TPH-G	< 0.1	100	FALSE
Total Naphthalenes	< 0.0012	100	FALSE
2,3,7,8-TCDD	< 0.00000005	ND	FALSE

**Notes:**

Sample collected on June 11, 2019.

ND = No Detectable Amount

**Table 5: Sampling Results from Groundwater  
Dewater Tank # 259350 on 11/06/19 - Westman Mill Development Site  
(East Bay - Olympia, WA)**

<b>LOTT Discharge Parameter List</b>	<b>IN-T-02-110619 (mg/L)</b>	<b>LOTT Discharge Authorization Limit (mg/L)</b>	<b>Maximum Detected Concentration &gt; LOTT DAL? (True/False)</b>
Arsenic	0.00251	0.2	FALSE
TPH-G	< 0.1	100	FALSE
Total Naphthalenes	< 0.0012	100	FALSE
2,3,7,8-TCDD	< 0.00000005	ND	FALSE

**Notes:**

Sample collected on November 6, 2019.

ND = No Detectable Amount

**Table 6: Sampling Results from Groundwater  
Dewater Tank #41833UW on 01/06/21 - Westman Mill Development Site  
(East Bay - Olympia, WA)**

<b>LOTT Discharge Parameter List</b>	<b>IN-T-06-010621 (mg/L)</b>	<b>LOTT Discharge Authorization Limit (mg/L)</b>	<b>Maximum Detected Concentration &gt; LOTT DAL? (True/False)</b>
Arsenic	0.0045	0.2	FALSE
TPH-G	< 0.1	100	FALSE
Total Naphthalenes	< 0.0001	100	FALSE
2,3,7,8-TCDD	< 0.000000001	ND	FALSE

**Notes:**

Sample collected on January 6, 2021.

ND = No Detectable Amount



April 11, 2019

**FAL Project: 12276 Amended**

Mr. Michael Erdahl  
Friedman and Bruya, Inc.  
3012 16<sup>th</sup> Ave. W  
Seattle, WA 98119

Dear Mr. Erdahl,

The following amended results are associated with Frontier Analytical Laboratory project **12276**. This corresponds to your project number **903400** and purchase order number **B-196**. One waste water sample was received on 3/26/2019 in good condition. This sample was extracted and analyzed by EPA Method 8290 for tetra through octa chlorinated dibenzo dioxins and furans and reported to you on April 4, 2019. On April 8, 2019 we received an email request from Mr. Chris Waldron of Pioneer Technologies Corp. to report results for only 2,3,7,8-TCDD. It was also requested that we do not report any detections below the Method Reporting Limit. The Method Reporting Limit, per EPA Method 8290 guidelines, is 5pg/L; this value assumes a 1 liter sample size. In this particular case, we received a reduced volume of only 0.2 liters. Due to the reduced sample volume, the Method Reporting Limit elevates to 25pg/L for 2,3,7,8-TCDD. This request does not follow the EPA Method 8290 guidelines and thus the report pages have been titled "Modified EPA Method 8290". In addition, this report has been paginated with the letter "A" to signify this as an amended report. Freidman and Bruya, Inc. requested a turnaround time of fifteen business days for project **12276**.

The following report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, Mr. Chris Morton's email dated 4/8/19, an email from Mr. Eric Young of Freidman and Bruya Inc. dated 4/11/19, authorizing the amended report, our sample login form and a sample photo. The enclosed results and electronic data deliverable (EDD) are specifically for the sample referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP certificate number is **4041**, our State of California ELAP certificate number is **2934** and our State of Washington certificate number is **C844**. This report along with the associated EDD has been emailed to you. A hardcopy of this report will not be sent to you unless specifically requested.

If you have any questions regarding project **12276**, please feel free to contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,

Thomas C. Crabtree  
Director



## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12276

Received on: 03/26/2019

Project Due: 04/10/2019 Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12276-001-SA	0	903400	IN-T-01-031919	EPA 8290 TCDD	Waste Water	03/19/2019	12:00 pm	04/18/2019

Modified EPA Method 8290  
TCDD



FAL ID: 12276-001-MB  
Client ID: Method Blank  
Matrix: Waste Water  
Batch No: X4847

Date Extracted: 04-01-2019  
Date Received: NA  
Amount: 1.000 L

ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/L


Acquired: 04-02-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual
2,3,7,8-TCDD	ND	25.0	U

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	94.8	40.0 - 135	

Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	91.4	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- RL Reporting Limit as provided by Client
- S Sample acceptance criteria not met
- X Matrix interferences
- U Analyte not detected or detected below Reporting Limit

Analyst:   
Date: 4/11/2019

Reviewed By:   
Date: 4/11/2019

Modified EPA Method 8290  
TCDD



FAL ID: 12276-001-OPR  
Client ID: OPR  
Matrix: Waste Water  
Batch No: X4847


Date Extracted: 04-01-2019  
Date Received: NA  
Amount: 1.000 L


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: ng/ml

Acquired: 04-02-2019  
WHO TEQ: NA

Compound	Conc	QC Limits
2,3,7,8-TCDD	9.11	7.00 - 13.0
Internal Standards	% Rec	QC Limits
13C-2,3,7,8-TCDD	83.0	40.0 - 135
Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	79.6	50.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- RL Reporting Limit as provided by Client
- S Sample acceptance criteria not met
- X Matrix interferences
- U Analyte not detected or detected below Reporting Limit

Analyst:   
Date: 4/11/2019

Reviewed By:   
Date: 4/11/2019

Modified EPA Method 8290  
TCDD



FAL ID: 12276-001-SA  
Client ID: IN-T-01-031919  
Matrix: Waste Water  
Batch No: X4847

Date Extracted: 04-01-2019  
Date Received: 03-26-2019  
Amount: 0.214 L

ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/L


Acquired: 04-02-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual
2,3,7,8-TCDD	ND	25.0	U

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	96.3	40.0 - 135	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	91.7	50.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- RL Reporting Limit as provided by Client
- S Sample acceptance criteria not met
- X Matrix interferences
- U Analyte not detected or detected below Reporting Limit

Analyst:   
Date: 4/11/2019

Reviewed By:   
Date: 4/11/2019

## SUBCONTRACT SAMPLE CHAIN OF CUSTODY

Page # 1 of 1

Send Report To Michael Erdahl  
 Company Friedman and Bruya, Inc.  
 Address 3012 16th Ave W  
 City, State, ZIP Seattle, WA 98119  
 Phone # (206) 285-8282 Fax # (206) 283-5044

SUBCONTRACTER <i>Frontier</i>	
PROJECT NAME/NO.  <i>903400</i>	PO #  <i>B-196</i>
REMARKS  <i>Please Email Results</i>	

TURNAROUND TIME
<input checked="" type="checkbox"/> Standard (3 Weeks) <input type="checkbox"/> RUSH Rush charges authorized by: _____
SAMPLE DISPOSAL
<input type="checkbox"/> Dispose after 30 days <input type="checkbox"/> Return samples <input type="checkbox"/> Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED										Notes -		
						Dioxins/Furans	EPH	VPH	1613 TCDD	Equivalent								
<i>IN-T-01-031919</i>		<i>3/19/19</i>	<i>1200</i>	<i>Water</i>	<i>1</i>						<i>X</i>							
<i>Mike to Kathy - use EPA method 8290 DIF.</i>																		

Friedman & Bruya, Inc. 3012 16th Avenue West  Seattle, WA 98119-2029  Ph. (206) 285-8282  Fax (206) 283-5044	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
	Relinquished by: <i>[Signature]</i>	Michael Erdahl	Friedman & Bruya	<i>3/25/19</i>	<i>08:11</i>
	Received by: <i>[Signature]</i>	Kathy Zipp	Frontier Analytical	<i>3-26-19</i>	<i>9:15</i>
	Relinquished by:				
Received by:			000006A of 000010A		

**Subject:** RE: RE: Rush 12276 L1 Summary / EDD Port of Olympia  
**From:** "Eric Young" <eyoung@friedmanandbruya.com>  
**Date:** 4/11/2019, 10:26 AM  
**To:** "Tom Crabtree" <tomc@frontieranalytical.com>  
**CC:** "Michael Erdahl" <merdahl@friedmanandbruya.com>

Hello Tom,

The changes requested by Mr Waldron are acceptable. Please send when available. Thanks!

*Eric Young*

**Friedman & Bruya, Inc.**  
3012 16<sup>th</sup> Avenue West  
Seattle, WA 98119  
Office - (206)285-8282  
Cell - (206)683-1731

---

**From:** Tom Crabtree <tomc@frontieranalytical.com>  
**Sent:** Wednesday, April 10, 2019 10:07 AM  
**To:** Eyoung@friedmanandbruya.com  
**Cc:** Michael Erdahl <merdahl@friedmanandbruya.com>  
**Subject:** Fwd: RE: Rush 12276 L1 Summary / EDD Port of Olympia

Eric:

Here's the request from Mr. Waldron of Pioneer Technologies to modify the report for your project #903400 on purchase order B-196.

We will need something in writing (an email will suffice) that allows us to proceed with his request as you are the customer of record on the Chain of Custody. We will then prepare an amended and qualified report and submit it to you for your review.

Thanks!

Tom Crabtree

Frontier Analytical Laboratory

----- Forwarded Message -----

**Subject:** RE: Rush 12276 L1 Summary / EDD Port of Olympia  
**Date:** Tue, 9 Apr 2019 00:01:20 +0000  
**From:** Chris Waldron <[waldronc@uspioneer.com](mailto:waldronc@uspioneer.com)>

**To:** Tom Crabtree <tomc@frontieranalytical.com>, Brad Silverbush <brads@frontieranalytical.com>  
**CC:** Dan Vickers <danv@frontieranalytical.com>, Connor Haydon <HaydonC@uspioneer.com>, Joel Hecker <HeckerJ@uspioneer.com>, Levi Fernandes <FernandesL@uspioneer.com>

Hi Tom and Brad,

Thank you for taking the time to chat about the Port of Olympia/Westman Mill dioxin/furan data today. I have consulted with the Regulatory Agency (LOTT) on this project and they have instructed that Waste Water sample results be reported as follows:

1. Only report the Result for 2,3,7,8-TCDD (Cas\_No = 1746-01-6).
2. Do not report "J" values. All "J" values should be reported at the Method Reporting Limit (MRL) with a "U" qualifier (i.e., not detected). In other words, only values greater than the MRL are to be reported as detected results. The MRL + "U" qualifier are reported for all other results.

Please regenerate the Lab Report and EDD for Frontier Lab Report #12276 (see attached) as indicated above and email to the distribution list.

P.S. This does not affect all dioxin/furan samples that we send to you for analysis. This only affects the Waste Water samples. We will be sure to clearly indicate the Special Reporting Requirements for Waste Water Samples on future Chain of Custodies.

Please contact me at 360.570.1700 if you have any questions.

-Thanks,

-Chris

---

**Chris Waldron, P.E.**

**PIONEER Technologies Corporation**  
5205 Corporate Ctr. Ct. SE, Ste. A  
Olympia, WA 98503-5901  
Phone: 360.570.1700  
<https://uspioneer.com/>



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## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12276

Client:	Friedman & Bruya, Inc.
Client Project ID:	903400
Date Received:	03/26/2019
Time Received:	09:15 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	1
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	813795597800
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	2
Cooling Method	Blue Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	Yes
Test aqueous sample for residual Chlorine	Yes
Sodium Thiosulfate Added	No
Adequate Sample Volume	No
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	Between 4 and 9
Anomalies or additional comments:	



**SUBCONTRACT SAMPLE CHAIN OF CUSTODY**

Send Report To Michael Erdahl  
 Company Friedman and Bruya, Inc.  
 Address 3012 16th Ave W  
 City, State, ZIP Seattle, WA 98119  
 Phone # (206) 285-8282 Fax # (206) 283-5044

SUBCONTRACTOR <u>Frontier</u>	
PROJECT NAME/NO. <u>903400</u>	PO # <u>B-196</u>
REMARKS <u>12276 20c</u>	

Page # 1 of 1

**TURNAROUND TIME**  
 Standard (3 Weeks) -  
 RUSH  
 Rush charges authorized by: \_\_\_\_\_

**SAMPLE DISPOSAL**  
 Dispose after 30 days  
 Return samples  
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	ANALYSES REQUESTED	Notes
<u>IN-T-01-031919</u>		<u>3/19/19</u>	<u>1200</u>			
<u>Mike to Kathy - use</u>						

Frontier Analytical Laboratory

**12276-001-SA**

Client ID: IN-T-01-031919  
 Storage: R-4 (01 of 01)

SAMPLE ID  
IN-T-01-031919 **3400**

SAMPLED BY <u>Connor H.</u>	DATE <u>3/19/19</u>
LOCATION <u>Sample 12 JA</u>	TIME <u>12:00</u>
ANALYSIS <u>TPH Gasoline</u>	PRESERVATIVE <u>None</u>
CLIENT <u>PTC</u>	

(800) 233-8425 www.epa.gov

Friedman & Bruya, Inc.  
 3012 16th Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282  
 Fax (206) 283-5044

**SIGNATURE**

Relinquished by: \_\_\_\_\_  
 Received by: Kathy Z...  
 Relinquished by: \_\_\_\_\_  
 Received by: \_\_\_\_\_

COMPANY	DATE	TIME
<u>Friedman &amp; Bruya</u>	<u>3/25/19</u>	<u>08:11</u>
<u>Frontier Analytical</u>	<u>3-26-19</u>	<u>9:15</u>

2019/03/26

DRAFT

Date of Report: 04/01/19  
Date Received: 03/21/19  
Project: Westman Mill, F&BI 903400  
Date Extracted: 03/22/19  
Date Analyzed: 03/22/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 51-134)
IN-T-01-131919 903400-01	<100	103
Method Blank 09-502 MB	<100	102

## Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID: IN-T-01-131919  
Date Received: 03/21/19  
Date Extracted: 03/26/19  
Date Analyzed: 03/27/19  
Matrix: Water  
Units: ug/L (ppb)

Client: Pioneer Technologies Corporation  
Project: Westman Mill, F&BI 903400  
Lab ID: 903400-01 1/4  
Data File: 032713.D  
Instrument: GCMS6  
Operator: VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	31	160
Benzo(a)anthracene-d12	94	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.8
2-Methylnaphthalene	<0.8
1-Methylnaphthalene	<0.8
Benz(a)anthracene	<0.08
Chrysene	<0.08
Benzo(a)pyrene	<0.08
Benzo(b)fluoranthene	<0.08
Benzo(k)fluoranthene	<0.08
Indeno(1,2,3-cd)pyrene	<0.08
Dibenz(a,h)anthracene	<0.08

## Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID: Method Blank  
Date Received: Not Applicable  
Date Extracted: 03/26/19  
Date Analyzed: 03/27/19  
Matrix: Water  
Units: ug/L (ppb)

Client: Pioneer Technologies Corporation  
Project: Westman Mill, F&BI 903400  
Lab ID: 09-650 mb 1/0.25  
Data File: 032708.D  
Instrument: GCMS6  
Operator: VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	85	31	160
Benzo(a)anthracene-d12	104	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

## Analysis For Total Metals By EPA Method 6020B

Client ID:	IN-T-01-131919	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903400
Date Extracted:	03/22/19	Lab ID:	903400-01
Date Analyzed:	03/22/19	Data File:	903400-01.049
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	11.1
---------	------

## Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	NA	Project:	Westman Mill, F&BI 903400
Date Extracted:	03/22/19	Lab ID:	I9-191 mb
Date Analyzed:	03/22/19	Data File:	I9-191 mb.037
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	<1
---------	----



April 16, 2019

**FAL Project: 12337**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12337**. This corresponds to your **Westman Mill** project. One waste water sample was received on 4/12/2019 in good condition. This sample was extracted and analyzed by EPA Method 8280 for 2,3,7,8-TCDD only. Per your request, we have set our "reporting limit" equal to the lowest point of calibration. Therefore nothing below our "reporting limit" of 50pg/L, for a one-liter sample, will be reported. A **RUSH** turnaround time of five business days was provided for project **12337**.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the sample referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12337**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Bradley B. Silverbush  
Director of Operations



## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12337

Received on: 04/12/2019

Project Due: 04/22/2019 Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12337-001-SA	0	Westman Mill	IN-T-02-041119	EPA 8280 TCDD	Waste Water	04/11/2019	11:20 am	05/11/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12337-001-MB  
Client ID: Method Blank  
Matrix: Waste Water  
Batch No: X4867

Date Extracted: 04-12-2019  
Date Received: NA  
Amount: 1.000 L

ICal: PCDDFAL4-3-20-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 04-15-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.447

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	79.5	25.0 - 150	

Cleanup Surrogate	% Rec	QC Limits	Qual
37Cl-2,3,7,8-TCDD	73.4	25.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 4/16/2019

Reviewed By:   
Date: 4/16/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12337-001-OPR  
Client ID: OPR  
Matrix: Waste Water  
Batch No: X4867


Date Extracted: 04-12-2019  
Date Received: NA  
Amount: 1.000 L


ICal: PCDDFAL4-3-20-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 04-15-2019  
WHO TEQ: NA

Compound	Conc	QC Limits
2,3,7,8-TCDD	9.17	7.00 - 13.0
Internal Standards		
13C-2,3,7,8-TCDD	82.4	25.0 - 150
Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	78.8	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 4/16/2019

Reviewed By:   
Date: 4/16/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12337-001-SA  
Client ID: IN-T-02-041119  
Matrix: Waste Water  
Batch No: X4867

Date Extracted: 04-12-2019  
Date Received: 04-12-2019  
Amount: 0.967 L

ICal: PCDDFAL4-3-20-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 04-16-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.447

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	71.3	25.0 - 150	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	76.3	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 4/16/2019

Reviewed By:   
Date: 4/16/2019

# SAMPLE CHAIN OF CUSTODY

Report To Connor Hayden  
 Company PIONEER technologies corp.  
 Address 5205 Corporate Center Ct SE  
 City, State, ZIP Lacey, WA, 98503  
 Phone 360 570 1700 Email haydonc@uspioneer.com

SAMPLERS (signature)	
PROJECT NAME <u>Westman Mill</u>	PO #
REMARKS <u>12337</u> <u>ooc</u>	INVOICE TO <u>Connor Hayden</u>

Page # \_\_\_\_\_ of \_\_\_\_\_

**TURNAROUND TIME**

Standard Turnaround  
 RUSH 5 Day or 10 Day  
 Rush charges authorized by: \_\_\_\_\_

**SAMPLE DISPOSAL**

Dispose after 30 days  
 Archive Samples  
 Other \_\_\_\_\_

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED										Notes			
						TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	<del>1613 TCDD Eq</del>	8280 TCDD Eq					
IN-T-02-041119		4/11/19	11:30 <del>20</del>	WW	1									X	X				only report results for 2,3,7,8 TCDD (cas-No. 1746-01-6)
																			Also, do not report "J" values. All "J" values should be at the method reporting limit with a "U" qualifier

Friedman & Bruya, Inc.  
 3012 16<sup>th</sup> Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Connor Hayden	Pioneer Tech corp.	4/11/19	11:30
Received by:	Kathy Zipp	Frontier Analytical	4/12/19	9:12
Relinquished by:				
Received by:		000006 of 000008		

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12337

Client:	Pioneer Technologies Corporation
Client Project ID:	Westman Mill
Date Received:	04/12/2019
Time Received:	09:12 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	1
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	786598140997
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	Yes
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	Between 4 and 9
Anomalies or additional comments:	

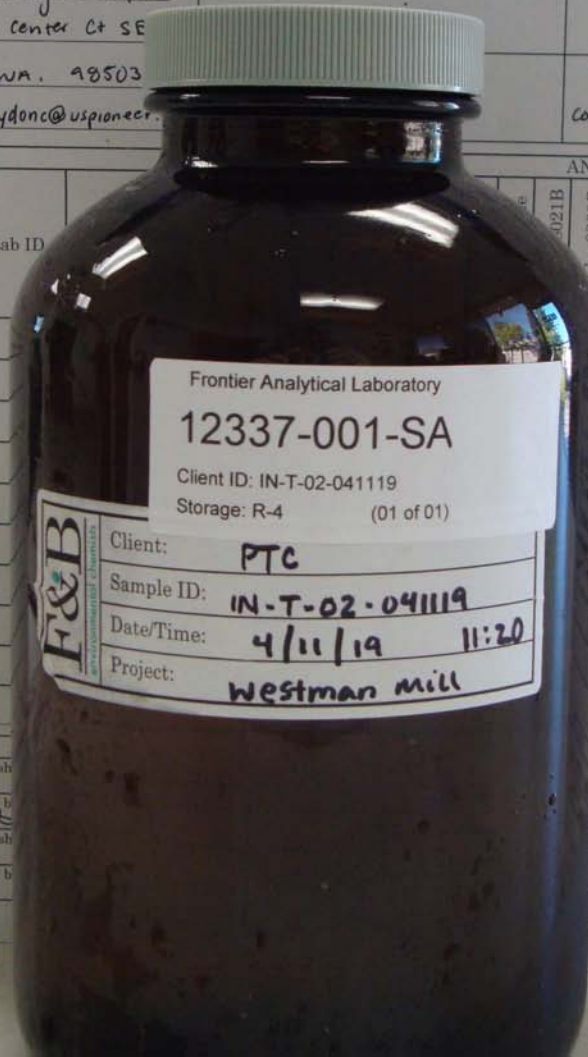
**SAMPLE CHAIN OF CUSTODY**

Report To Connor Hayden  
 Company PIONEER technologies corp.  
 Address 5205 Corporate Center Ct SE  
 City, State, ZIP Lacey, WA, 98503  
 Phone 360 570 1700 Email haydonc@uspioneer.com

SAMPLERS (signature) [Signature]  
 PROJECT NAME \_\_\_\_\_ PO # \_\_\_\_\_  
 INVOICE TO Connor Hayden

Page # \_\_\_\_\_ of \_\_\_\_\_  
**TURNAROUND TIME**  
 Standard Turnaround  
 RUSH 5 Day or 10 Day  
 Rush charges authorized by: \_\_\_\_\_  
**SAMPLE DISPOSAL**  
 Dispose after 30 days  
 Archive Samples  
 Other \_\_\_\_\_

Sample ID	Lab ID	ANALYSES REQUESTED	Notes
IN-T-02-041119		VOCs by 8270D SVOCs by 8270D PAHs 8270D SIM PCBs by 1631-TCDD 5 TCDD 6g	-only report results for 2,3,7,8 TCDD (cas-No. 1746- 01-6) -Also, do not report "J" values. All "J" values should be at the method reporting limit with a "U" qualifier



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 3012 16<sup>th</sup> Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282

Relinquish	
Received by	<u>[Signature]</u>
Relinquish	
Received by	

COMPANY	DATE	TIME
Pioneer Tech corp.	4/11/19	11:30
Frontier Analytical	4/12/19	9:12

2019/04/12

April 16, 2019

**FAL Project: 12337**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12337**. This corresponds to your **Westman Mill** project. One waste water sample was received on 4/12/2019 in good condition. This sample was extracted and analyzed by EPA Method 8280 for 2,3,7,8-TCDD only. Per your request, we have set our "reporting limit" equal to the lowest point of calibration. Therefore nothing below our "reporting limit" of 50pg/L, for a one-liter sample, will be reported. A **RUSH** turnaround time of five business days was provided for project **12337**.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the sample referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12337**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Bradley B. Silverbush  
Director of Operations



## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12337

Received on: 04/12/2019

Project Due: 04/22/2019 Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12337-001-SA	0	Westman Mill	IN-T-02-041119	EPA 8280 TCDD	Waste Water	04/11/2019	11:20 am	05/11/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12337-001-MB  
Client ID: Method Blank  
Matrix: Waste Water  
Batch No: X4867

Date Extracted: 04-12-2019  
Date Received: NA  
Amount: 1.000 L

ICal: PCDDFAL4-3-20-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 04-15-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.447

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	79.5	25.0 - 150	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	73.4	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 4/16/2019

Reviewed By:   
Date: 4/16/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12337-001-OPR  
Client ID: OPR  
Matrix: Waste Water  
Batch No: X4867


Date Extracted: 04-12-2019  
Date Received: NA  
Amount: 1.000 L


ICal: PCDDFAL4-3-20-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 04-15-2019  
WHO TEQ: NA

Compound	Conc	QC Limits
2,3,7,8-TCDD	9.17	7.00 - 13.0
Internal Standards		
13C-2,3,7,8-TCDD	82.4	25.0 - 150
Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	78.8	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 4/16/2019

Reviewed By:   
Date: 4/16/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12337-001-SA  
Client ID: IN-T-02-041119  
Matrix: Waste Water  
Batch No: X4867

Date Extracted: 04-12-2019  
Date Received: 04-12-2019  
Amount: 0.967 L

ICal: PCDDFAL4-3-20-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 04-16-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.447

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	71.3	25.0 - 150	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	76.3	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 4/16/2019

Reviewed By:   
Date: 4/16/2019

# SAMPLE CHAIN OF CUSTODY

Report To Connor Hayden  
 Company PIONEER technologies corp.  
 Address 5205 Corporate Center Ct SE  
 City, State, ZIP Lacey, WA, 98503  
 Phone 360 570 1700 Email haydonc@uspioneer.com

SAMPLERS (signature)	
PROJECT NAME <u>Westman Mill</u>	PO #
REMARKS <u>12337</u> <u>ooc</u>	INVOICE TO <u>Connor Hayden</u>

Page # \_\_\_\_\_ of \_\_\_\_\_

**TURNAROUND TIME**

Standard Turnaround  
 RUSH 5 Day or 10 Day  
 Rush charges authorized by: \_\_\_\_\_

**SAMPLE DISPOSAL**

Dispose after 30 days  
 Archive Samples  
 Other \_\_\_\_\_

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED										Notes	
						TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	<del>1613 TCDD Eq</del>	8280 TCDD Eq			
IN-T-02-041119		4/11/19	11:30 <del>20</del>	WW	1								X	X			only report results for 2,3,7,8 TCDD (cas-No. 1746-01-6)
																	Also, do not report "J" values. All "J" values should be at the method reporting limit with a "U" qualifier

Friedman & Bruya, Inc.  
 3012 16<sup>th</sup> Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Connor Hayden	Pioneer Tech corp.	4/11/19	11:30
Received by:	Kathy Zipp	Frontier Analytical	4/12/19	9:12
Relinquished by:				
Received by:		000006 of 000008		

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12337

Client:	Pioneer Technologies Corporation
Client Project ID:	Westman Mill
Date Received:	04/12/2019
Time Received:	09:12 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	1
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	786598140997
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	Yes
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	Between 4 and 9
Anomalies or additional comments:	

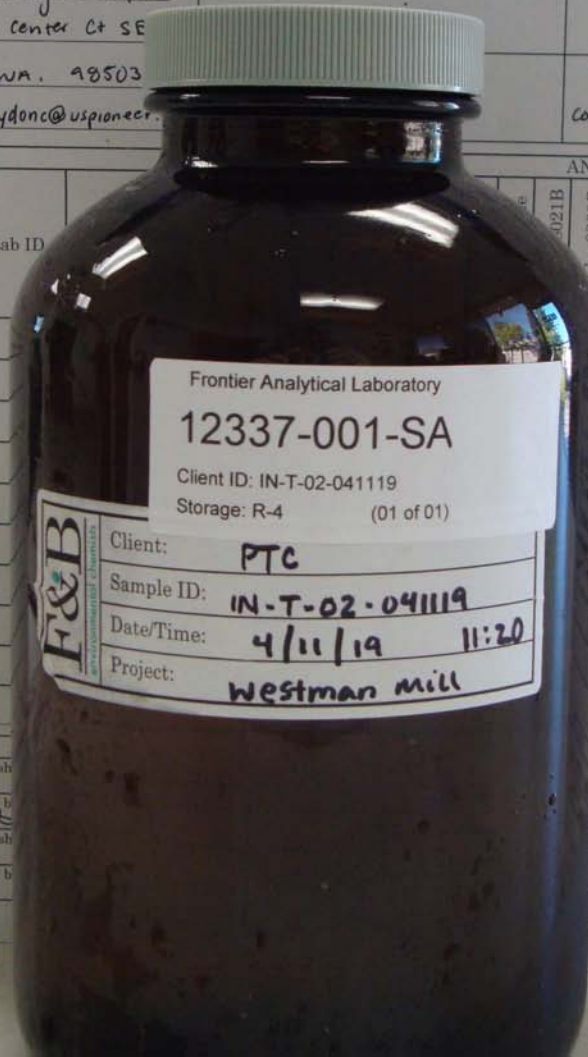
**SAMPLE CHAIN OF CUSTODY**

Report To Connor Hayden  
 Company PIONEER technologies corp.  
 Address 5205 Corporate Center Ct SE  
 City, State, ZIP Lacey, WA, 98503  
 Phone 360 570 1700 Email haydonc@uspioneer.com

SAMPLERS (signature) [Signature]  
 PROJECT NAME \_\_\_\_\_ PO # \_\_\_\_\_  
 INVOICE TO Connor Hayden

Page # \_\_\_\_\_ of \_\_\_\_\_  
**TURNAROUND TIME**  
 Standard Turnaround  
 RUSH 5 Day or 10 Day  
 Rush charges authorized by: \_\_\_\_\_  
**SAMPLE DISPOSAL**  
 Dispose after 30 days  
 Archive Samples  
 Other \_\_\_\_\_

Sample ID	Lab ID	ANALYSES REQUESTED	Notes
IN-T-02-041119		SVOCs by 8270D PAHs 8270D SIM 1413 TCDD 5 8200 TCDD 6g	-only report results for 2,3,7,8 TCDD (cas-No. 1746- 01-6) -Also, do not report "J" values. All "J" values should be at the method reporting limit with a "U" qualifier



Friedman & Bruya, Inc.  
 3012 16<sup>th</sup> Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282

Relinquish	
Received by	<u>[Signature]</u>
Relinquish	
Received by	

COMPANY	DATE	TIME
Pioneer Tech corp.	4/11/19	11:30
Frontier Analytical	4/12/19	9:12

2019/04/12

DRAFT

Date of Report: 04/22/19  
Date Received: 04/12/19  
Project: Westman Mill, F&BI 904256  
Date Extracted: 04/16/19  
Date Analyzed: 04/16/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 51-134)
IN-T-02-041119 904256-01	<100	92
Method Blank 09-542 MB	<100	93



## Analysis For Total Metals By EPA Method 6020B

Client ID:	IN-T-02-041119	Client:	Pioneer Technologies Corp
Date Received:	04/12/19	Project:	Westman Mill, F&BI 904256
Date Extracted:	04/16/19	Lab ID:	904256-01
Date Analyzed:	04/16/19	Data File:	904256-01.065
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	2.79
---------	------

## Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	NA	Project:	Westman Mill, F&BI 904256
Date Extracted:	04/16/19	Lab ID:	I9-255 mb
Date Analyzed:	04/16/19	Data File:	I9-255 mb.048
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	<1
---------	----

# Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID: IN-T-02-041119  
Date Received: 04/12/19  
Date Extracted: 04/16/19  
Date Analyzed: 04/16/19  
Matrix: Water  
Units: ug/L (ppb)

Client: Pioneer Technologies Corp  
Project: Westman Mill, F&BI 904256  
Lab ID: 904256-01 1/4  
Data File: 041609.D  
Instrument: GCMS6  
Operator: VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	80	31	160
Benzo(a)anthracene-d12	80	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.8
2-Methylnaphthalene	<0.8
1-Methylnaphthalene	<0.8

## Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID: Method Blank  
Date Received: Not Applicable  
Date Extracted: 04/16/19  
Date Analyzed: 04/16/19  
Matrix: Water  
Units: ug/L (ppb)

Client: Pioneer Technologies Corp  
Project: Westman Mill, F&BI 904256  
Lab ID: 09-796 mb  
Data File: 041606.D  
Instrument: GCMS6  
Operator: VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	82	31	160
Benzo(a)anthracene-d12	89	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.2
2-Methylnaphthalene	<0.2
1-Methylnaphthalene	<0.2

904256

SAMPLE CHAIN OF CUSTODY

ME 04-12-19

WV1/AT2

Report To Connor Hayden

Company PIONEER Technologies Corp.

Address 5205 Corporate Center Cte SE

City, State, ZIP Lacey, WA, 98503

Phone 360 530 1700 Email hayden.c@uspioneer.com

SAMPLERS (signature)

*Connor Hayden*

PROJECT NAME

Westman Mill

PO #

REMARKS

Connor Hayden

TURNAROUND TIME  
 Standard Turnaround  
 RUSH 5 day or 10 day  
Rush charges authorized by:

SAMPLE DISPOSAL  
 Dispose after 30 days  
 Archive Samples  
 Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED							Notes		
						TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM			
IN-T-02-041119	61A-D	4/11/19	11:20	WW	4			X			X				8270 - total naphthalenes only
															6010 - total arsenic only

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

SIGNATURE

*Connor Hayden*

PRINT NAME

Connor Hayden

COMPANY

Pioneer Tech Corp.

DATE

4/11/19

TIME

11:30

Received by:

Connor Hayden

COMPANY

DATE

TIME

Received by:

Connor Hayden

COMPANY

DATE

TIME

June 3, 2019

**FAL Project: 12435**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12435**. This corresponds to your **Westman Mills** project. One aqueous sample was received on 5/31/2019 in good condition. This sample was extracted and analyzed by EPA Method 8280 for 2,3,7,8-TCDD only. Per your request, we have set our "reporting limit" equal to the lowest point of calibration. Therefore nothing below our "reporting limit" of 50pg/L, for a one-liter sample, will be reported. A **RUSH** turnaround time of **ONE business day** was provided for project **12435**.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the sample referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12435**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Bradley B. Silverbush  
Director of Operations

## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12435

Received on: 05/31/2019

Project Due: 06/03/2019 Storage: R-3

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12435-001-SA	1	Westman Mills	IN-T-03-053019	EPA 8280 TCDD	Aqueous	05/30/2019	08:00 am	06/29/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12435-001-MB  
Client ID: Method Blank  
Matrix: Aqueous  
Batch No: X4926

Date Extracted: 05-31-2019  
Date Received: NA  
Amount: 1.000 L

ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 05-31-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.360

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	85.6	25.0 - 150	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	87.2	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 6/3/2019

Reviewed By:   
Date: 6/3/2019



EPA Modified Method 8280  
TCDD



FAL ID: 12435-001-OPR  
Client ID: OPR  
Matrix: Aqueous  
Batch No: X4926


Date Extracted: 05-31-2019  
Date Received: NA  
Amount: 1.000 L


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 05-31-2019  
WHO TEQ: NA

Compound	Conc	QC Limits
2,3,7,8-TCDD	9.13	7.00 - 13.0
Internal Standards	% Rec	QC Limits
13C-2,3,7,8-TCDD	86.0	25.0 - 150
Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	86.7	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 6/3/2019

Reviewed By:   
Date: 6/3/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12435-001-SA  
Client ID: IN-T-03-053019  
Matrix: Waste Water  
Batch No: X4926

Date Extracted: 05-31-2019  
Date Received: 05-31-2019  
Amount: 0.968 L

ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 05-31-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.360

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	76.3	25.0 - 150	

Cleanup Surrogate	% Rec	QC Limits	Qual
37Cl-2,3,7,8-TCDD	86.3	25.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested reporting limit of 50pg/L

Analyst:   
Date: 6/3/2019

Reviewed By:   
Date: 6/3/2019



Frontier Analytical Laboratory  
 5172 Hillside Circle  
 El Dorado Hills, CA 95762  
 Tel: 916-934-0900  
 Fax: 916-934-0999

**FAL USE ONLY**

Laboratory Project No.: 12435  
 Temperature: 0 °C

**Chain of Custody**

www.frontieranalytical.com

Please Print in Pen Page      of     

CLIENT INFORMATION	INVOICE INFORMATION (if different from client info)	PROJECT INFORMATION
Company Name: <u>Pioneer Technologies Corporation</u> Contact Name: <u>Connor Haydon</u> Address: <u>5205 Corporate Ctr. Ct. SE Ste. A Olympia, WA 98503</u> Phone: <u>360-570-1700</u> Fax: <u>                    </u> Email: <u>haydonc@uspioneer.com</u> Cell: <u>484-753-3390</u>	Company Name: <u>Same</u> Contact Name: <u>                                    </u> Address: <u>  </u> Phone: <u>                                    </u> Fax: <u>                                    </u> Email: <u>  </u>	FAL Quote #: <u>3406</u> P.O. #: <u>  </u> Project #: <u>  </u> Project Name: <u>Westman mills</u> TAT (business days): <input type="checkbox"/> 15 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 5* <input type="checkbox"/> 3* (√ one) * FAL must agree with price and RUSH TAT in writing.

REPORT INFORMATION	REPORT DISTRIBUTION (email only is preferred)	ADDITIONAL INSTRUCTIONS
Report Level: <input type="checkbox"/> I/II <input type="checkbox"/> III <input type="checkbox"/> IV  <input type="checkbox"/> EDD: <input type="checkbox"/> FAL Basic <input type="checkbox"/> Geotracker <input type="checkbox"/> Other: <u>          </u> <input type="checkbox"/> Custom: Contact FAL  <input type="checkbox"/> California State Drinking Water Form System #: <u>                                    </u> Source #: <u>                                    </u> Sampler: <u>                                    </u> Employer: <u>                                    </u>	<input type="checkbox"/> Hardcopy <input type="checkbox"/> CD (.pdf including EDDs if requested) <input checked="" type="checkbox"/> Email (.pdf including EDDs if requested)	

Sample ID	Date	Time	Matrix	# of containers	EPA 1613**	EPA 8290**	DLM 02.0	EPA 8280**	Appendix IX	EPA TO-9/9A	EPA 23/23A	EPA 1668	FAL 15	Other	**CONGENERS		**TEQ		Remarks	
															<input checked="" type="checkbox"/> 2,3,7,8-TCDD only	<input type="checkbox"/> 2,3,7,8-TCDD/F only	<input type="checkbox"/> 1998 WHO	<input checked="" type="checkbox"/> 2005 WHO		
1	IN-T-03-053019	5/30/19	0800	water	2				X							<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Only 2, 3, 7, 8 TCDD
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Samples will be disposed of 90 days after sample receipt unless other arrangements have been made and agreed upon in writing.

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
<u>Connor Haydon</u>			<u>Rebecca Ragon</u>	5.31.19	9:30am

Client understands that all terms described in the proposals, quotations, and/or the general terms provided in the current FAL price schedule will be followed.  
 FAL reserves the rights to terminate its service or withhold delivery of reports, if in FAL's sole discretion the terms of the project have been broken.

White Copy - Report  
Yellow Copy - Laboratory  
Pink Copy - Originator

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12435

Client:	Pioneer Technologies Corporation
Client Project ID:	Westman Mills
Date Received:	05/31/2019
Time Received:	09:30 am
Received By:	RR
Logged In By:	RR
# of Samples Received:	1
Duplicates:	1
Storage Location:	R-3

Method of Delivery:	Fed-Ex
Tracking Number:	775341195947
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	Yes
Test aqueous sample for residual Chlorine	Yes
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	Between 4 and 9
Anomalies or additional comments:	



Frontier Analytical Laboratory  
5172 Hillside Circle  
El Dorado Hills, CA 95762  
Tel: 916-934-0900  
Fax: 916-934-0999

FAL USE ONLY

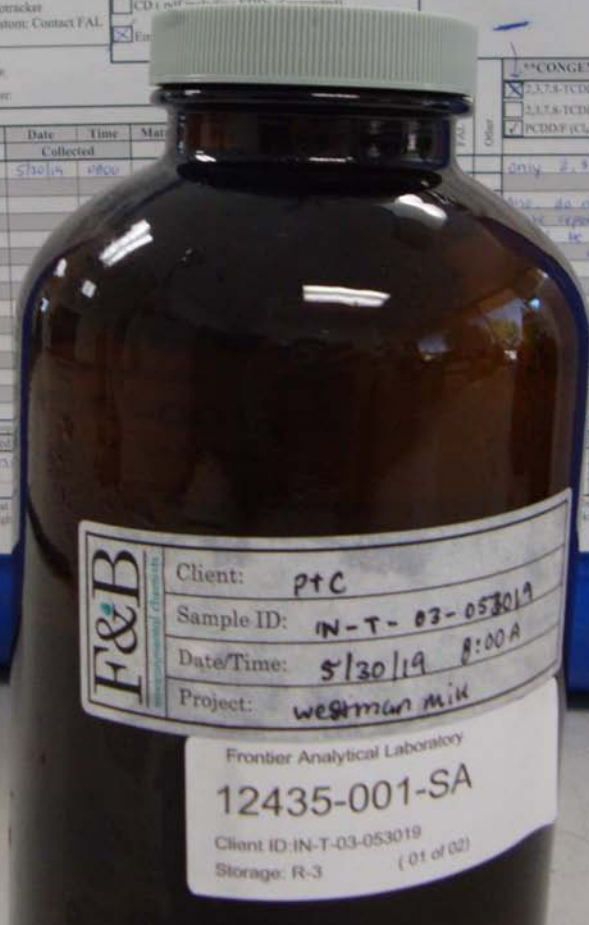
Laboratory Project No.: 12435  
Temperature: 0 °C

Chain of Custody

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Please Print in Pen Page      of     

<b>CLIENT INFORMATION</b> Company Name: Pioneer Technologies Corporation Contact Name: Connor Hayden Address: 8296 Corporate Cir. #3 2E St. A Olympia, WA 98503 Phone: 360-570-1700 Fax: <u>                    </u> Email: hayden@pioneer.com Call: 484-753-3390		<b>INVOICE INFORMATION</b> (if different from client info) Company Name: Same Contact Name: <u>                    </u> Address: <u>                    </u> Phone: <u>                    </u> Fax: <u>                    </u> Email: <u>                    </u>		<b>PROJECT INFORMATION</b> FAL Quote #: 3408 P.O. #: <u>                    </u> Project #: <u>                    </u> Project Name: <u>Westman Milk</u> TAT (business days): <input type="checkbox"/> 15 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 5* <input type="checkbox"/> 3* (vandal) * FAL must agree with price and RUSH TAT in writing.																																																															
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<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Date Collected</th> <th>Time</th> <th>Mat</th> </tr> </thead> <tbody> <tr><td>1</td><td>IN-T-03-053019</td><td>5/30/19</td><td>8:00A</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td><td></td></tr> <tr><td>13</td><td></td><td></td><td></td></tr> <tr><td>14</td><td></td><td></td><td></td></tr> <tr><td>15</td><td></td><td></td><td></td></tr> </tbody> </table>		Sample ID	Date Collected	Time	Mat	1	IN-T-03-053019	5/30/19	8:00A	2				3				4				5				6				7				8				9				10				11				12				13				14				15				<b>Remarks</b> only 2,3,7,8 TCDF this is not report 7/2019 we report all 7/2019 by 7/2019 normal this with a 7/2019	
Sample ID	Date Collected	Time	Mat																																																																
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White Copy - Report  
 Yellow Copy - Laboratory  
 Pink Copy - Customer

DRAFT

Date of Report: 06/03/19  
Date Received: 05/31/19  
Project: Westman Mills, F&BI 905607  
Date Extracted: 05/31/19  
Date Analyzed: 05/31/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 51-134)
IN-T-03-053019 905607-01	<100	98
Method Blank 09-867 MB	<100	109

DRAFT

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	IN-T-03-053019	Client:	Pioneer Technologies Corp
Date Received:	05/31/19	Project:	Westman Mills, F&BI 905607
Date Extracted:	06/03/19	Lab ID:	905607-01 1/2
Date Analyzed:	06/03/19	Data File:	060308.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	93	31	160
Benzo(a)anthracene-d12	96	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.4 jl
2-Methylnaphthalene	<0.4
1-Methylnaphthalene	<0.4

DRAFT

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	Not Applicable	Project:	Westman Mills, F&BI 905607
Date Extracted:	06/03/19	Lab ID:	09-1272 mb
Date Analyzed:	06/03/19	Data File:	060306.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	83	31	160
Benzo(a)anthracene-d12	93	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.2 jl
2-Methylnaphthalene	<0.2
1-Methylnaphthalene	<0.2



DRAFT

Analysis For Total Metals By EPA Method 6020B

Client ID:	IN-T-03-053019	Client:	Pioneer Technologies Corp
Date Received:	05/31/19	Project:	Westman Mills, F&BI 905607
Date Extracted:	05/31/19	Lab ID:	905607-01
Date Analyzed:	05/31/19	Data File:	905607-01.067
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	2.09

DRAFT

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	NA	Project:	Westman Mills, F&BI 905607
Date Extracted:	05/31/19	Lab ID:	I9-343 mb2
Date Analyzed:	05/31/19	Data File:	I9-343 mb2.048
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1



905607  
 Frontier Analytical Laboratory  
 5172 Hillside Circle  
 El Dorado Hills, CA 95762  
 Tel: 916-934-0900  
 Fax: 916-934-0999

FAL USE ONLY  
 Laboratory Project No.:  
 Temperature: °C

ME 02/31/19  
 Chain of Custody  
 www.frontieranalytical.com  
 Please Print in Pen Page \_\_\_ of \_\_\_  
 423

**CLIENT INFORMATION**

Company Name: Pioneer Technologies Corporation  
 Contact Name: Connor Hayden  
 Address: 5205 Corporate Cir. Ct. SE Ste. A Olympia, WA 98503  
 Phone: 360-570-1700 Fax: \_\_\_\_\_  
 Email: haydonic@uspioneer.com Cell: 484-753-3390

**INVOICE INFORMATION** (if different from client info)

Company Name: Same  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

**PROJECT INFORMATION**

FAL Quote #: 3406  
 P.O. #: \_\_\_\_\_  
 Project #: \_\_\_\_\_  
 Project Name: W&S/Sm/An M&L15  
 TAT (business days): 15  10  5  3\* (1 one)  
 \* FAL must agree with price and RUSH TAT in writing.

**REPORT INFORMATION**

Report Level:  I/II  III  IV  
 EDD:  FAL Basic  Geotracker  
 Other:  Custom: Contact FAL

California State Drinking Water Form

System #: \_\_\_\_\_ Source #: \_\_\_\_\_  
 Sampler: \_\_\_\_\_ Employer: \_\_\_\_\_

**REPORT DISTRIBUTION** (email only is preferred)

Hardcopy  
 CD (.pdf including EDDs if requested)  
 Email (.pdf including EDDs if requested)

**ADDITIONAL INSTRUCTIONS**

please run 3 tests in "other" below

Sample ID	Date Collected	Time	Matrix	# of containers	EPA 1613**	EPA 8290**	DLM 02.0	EPA 8280**	Appendix IX	EPA TO-9/9A	EPA 23/23A	EPA 1668	FAL 15	Other	**CONGENERS		**TEQ		Remarks
															2,3,7,8-TCDD only	1998 WHO	2,3,7,8-TCDD/F only	2005 WHO	
1	IN-T-03-053019	5/30/19	8:00 A	5										X	<input checked="" type="checkbox"/> SVOCs			8270 D (total naphthalenes)	
2															<input type="checkbox"/> TPH			Gasoline	
3															<input checked="" type="checkbox"/> EDD			(arsenic only)	
4																			
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13																			
14																			
15																			

Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Samples will be disposed of 90 days after sample receipt unless other arrangements have been made and agreed upon in writing.

Received by: (Signature and Printed Name) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Connor Hayden 5/31/19 0945

Client understands that all terms described in the proposals, quotations, and/or the general terms provided in the current FAL price schedules will be followed.  
 FAL reserves the rights to terminate its service or withhold delivery of reports, if in FAL's sole discretion the terms of the project have been broken.

June 25, 2019

**FAL Project: 12468**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503


Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12468**. This corresponds to your **Westman Mill** project. One aqueous sample was received on 6/13/2019 in good condition. This sample was extracted and analyzed by EPA Method 8280 for 2,3,7,8-TCDD only. Per your request, we have set our “reporting limit” equal to the lowest point of calibration. Therefore nothing below our “reporting limit” of 50pg/L, for a one-liter sample, will be reported. A turnaround time of ten business days was requested for project **12468**.

The following level I report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the sample referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory’s State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory’s State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12468**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Daniel P. Vickers  
Vice President

## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12468

Received on: 06/13/2019

Project Due: 06/28/2019 Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12468-001-SA	1	Westman Mill	IN-T-04-061119	EPA 8280 TCDD	Aqueous	06/11/2019	08:00 am	07/11/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12468-001-MB  
Client ID: Method Blank  
Matrix: Aqueous  
Batch No: X4952

Date Extracted: 06-20-2019  
Date Received: NA  
Amount: 1.000 L

ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 06-21-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.360

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	89.8	25.0 - 150	

Cleanup Surrogate	% Rec	QC Limits	Qual
37Cl-2,3,7,8-TCDD	89.2	25.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested Reporting Limit of 50pg/L

Analyst:   
Date: 6/25/2019

Reviewed By:   
Date: 6/25/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12468-001-OPR  
Client ID: OPR  
Matrix: Aqueous  
Batch No: X4952


Date Extracted: 06-20-2019  
Date Received: NA  
Amount: 1.000 L


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 06-21-2019  
WHO TEQ: NA

Compound	Conc	QC Limits
2,3,7,8-TCDD	9.69	7.00 - 13.0
Internal Standards	% Rec	QC Limits
13C-2,3,7,8-TCDD	90.6	25.0 - 150
Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	91.9	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested Reporting Limit of 50pg/L

Analyst:   
Date: 6/25/2019

Reviewed By:   
Date: 6/25/2019

EPA Modified Method 8280  
TCDD



FAL ID: 12468-001-SA  
Client ID: IN-T-04-061119  
Matrix: Aqueous  
Batch No: X4952

Date Extracted: 06-20-2019  
Date Received: 06-13-2019  
Amount: 0.487 L

ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 06-21-2019  
WHO TEQ: NA


Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	50.0	U,#	0.360

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	94.9	25.0 - 150	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	93.8	25.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- U Analyte Not Detected at Reporting Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested Reporting Limit of 50pg/L

Analyst:   
Date: 6/25/2019

Reviewed By:   
Date: 6/25/2019





906 214

Frontier Analytical Laboratory  
5172 Hillsdale Circle  
El Dorado Hills, CA 95762  
Tel: 916-934-0900  
Fax: 916-934-0999

FAL USE ONLY

Laboratory Project No.: 12468

Temperature: 4 °C

ME 06-12-19

Chain of Custody

804

www.frontieranalytical.com

Please Print in Pen Page 1 of 1

CLIENT INFORMATION	INVOICE INFORMATION (if different from client info)	PROJECT INFORMATION
Company Name: Pioneer Technologies Corporation Contact Name: Connor Haydon Address: 5205 Corporate Ctr. Ct. SE Ste. A Olympia, WA 98503 Phone: 360-570-1700 Fax: _____ Email: haydonc@uspioneer.com Cell: 484-753-3390	Company Name: Same Contact Name: _____ Address: _____ Phone: _____ Fax: _____ Email: _____	FAL Quote #: 3406 P.O. #: _____ Project #: _____ Project Name: <u>Western Mill</u> TAT (business days): <input type="checkbox"/> 15 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 5* <input type="checkbox"/> 3* (✓one) * FAL must agree with price and RUSH TAT in writing.

REPORT INFORMATION	REPORT DISTRIBUTION (email only is preferred)	ADDITIONAL INSTRUCTIONS
Report Level: <input type="checkbox"/> I/II <input type="checkbox"/> III <input type="checkbox"/> IV  <input type="checkbox"/> EDD: <input type="checkbox"/> FAL Basic <input type="checkbox"/> Geotracker <input type="checkbox"/> Other: _____ <input type="checkbox"/> Custom: Contact FAL  <input type="checkbox"/> California State Drinking Water Form System #: _____ Source #: _____ Sampler: _____ Employer: _____	<input type="checkbox"/> Hardcopy <input type="checkbox"/> CD (.pdf including EDDs if requested) <input checked="" type="checkbox"/> Email (.pdf including EDDs if requested)	<p style="text-align: right;"><i>10 day Ch 6/10/19</i></p>

Sample ID	LAB ID	Date Collected	Time	Matrix	# of containers	EPA 1613**	EPA 8290**	DLM 02.0	EPA 8280**	Appendix IX	EPA TO-9/9A	EPA 23/23A	EPA 1668	FAL 15	Other	**CONGENERS		**TEQ		Remarks	
																<input checked="" type="checkbox"/> 2,3,7,8-TCDD only	<input type="checkbox"/> 2,3,7,8-TCDD/F only	<input type="checkbox"/> 1998 WHO	<input checked="" type="checkbox"/> 2005 WHO		
1	IN-T-04-061119	6/11/19	0800	liquid	2				X								<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	only 2,3,7,8 TCDD
2																					Also don't report "J" values
3																					please report all "J" values at the method detection limit with a "Q" qualifier
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					Samples received at 4 °C
13																					
14																					
15																					

Samples will be disposed of 90 days after sample receipt unless other arrangements have been made and agreed upon in writing.

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
<i>Connor Haydon</i> Connor Haydon	6/11/19	8:30	<i>Dan Divo FBI</i> Dan Divo FBI	06-12-19	10:20
<i>Michael B. [unclear]</i> Michael B. [unclear]	6/12/19	1300	<i>Rebecca Rogan</i> Rebecca Rogan	6-13-19	9:19am

Client understands that all terms described in the proposals, quotations, and/or the general terms provided in the current FAL price schedule will be followed. FAL reserves the rights to terminate its service or withhold delivery of reports, if in FAL's sole discretion the terms of the project have been broken.

White Copy - Report  
Yellow Copy - Laboratory  
Pink Copy - Originator

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: **12468**

Client:	Pioneer Technologies Corporation
Client Project ID:	Westman Mill
Date Received:	06/13/2019
Time Received:	09:19 am
Received By:	RR
Logged In By:	KZ
# of Samples Received:	1
Duplicates:	1
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	813795597166
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	4
Cooling Method	Blue Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	Yes
Test aqueous sample for residual Chlorine	Yes
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	Between 4 and 9
Anomalies or additional comments:	

906214  
**FRONTIER**  
 ANALYTICAL LABORATORY  
 Frontier Analytical Laboratory  
 5172 Hillsdale Circle  
 El Dorado Hills, CA 95762  
 Tel: 916-934-0900  
 Fax: 916-934-0999

**FAL USE ONLY**  
 Laboratory Project No.: 12468  
 Temperature: 4 °C

ME 06-12-19  
**Chain of Custody** 804  
 www.frontieranalytical.com  
 Please Print in Pen Page 1 of 1

CLIENT INFORMATION	INVOICE INFORMATION (if different from client info)	PROJECT INFORMATION
Company Name: Pioneer Technologies Corporation Contact Name: Connor Haydon Address: 5205 Corporate Ctr. Ct. SE Ste. A Olympia, WA Phone: 360-570-1700 Fax: Email: haydonc@uspioneer.com Cell: 484-793-3333	Company Name: Same Client Name: Same Fax:	FAL Quote #: 3400 P.O. #:
<b>REPORT INFORMATION</b> Report Level: <input type="checkbox"/> I/II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> EDD: <input type="checkbox"/> FAL Basic <input type="checkbox"/> Other: <input type="checkbox"/> California State Drinking Water System #: _____ Sampler: _____	<b>SHIPPING DISTRIBUTION</b> (email only is preferred) Including EDDs if requested Including EDDs if requested	<b>ADDITIONAL INSTRUCTIONS</b> with price and RUSH TAT in writing.  ERS **TEQ only 1998 WHO only 2005 WHO Other Remarks 3, 2, B TOOD report "d" not all "T" at "C" detection in a "d" Date Time 6-12-19 10:20 6-13-19 9:19am
Sample ID: 1 IN-T-04-061119 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Frontier Analytical Laboratory 12468-001-SA Client ID: IN-T-04-061119 Storage: R-4 (01 of 02)	Frontier Analytical Laboratory 12468-001-SA Client ID: IN-T-04-061119 Storage: R-4 (02 of 02)
SAMPLE ID: 906214 IN-T-04-061119 SAMPLED BY: Haydon.c DATE: 6/11/19 TIME: 8:00 A LOCATION: Olympia, WA PRESERVATIVE: -01 ANALYSIS: 8280 CLIENT: PTLA Relinquished by: (Signature) Client: FAL	SAMPLE ID: 906214 IN-T-04-061119 SAMPLED BY: Haydon C DATE: 6/11/19 TIME: 8:00 A LOCATION: Olympia, WA PRESERVATIVE: -01 ANALYSIS: 8280 CLIENT: PTLB Date Time 6-12-19 10:20 6-13-19 9:19am	

2019/06/13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Yelena Aravkina, M.S.  
Michael Erdahl, B.S.  
Arina Podnozova, B.S.  
Eric Young, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

June 21, 2019

Chris Waldron, Project Manager  
Pioneer Technologies Corp  
5205 Corporate Center Ct, Suite A  
Lacey, WA 98503

Dear Mr Waldron:

Included are the results from the testing of material submitted on June 14, 2019 from the Westman Mill, F&BI 906277 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures  
c: Connor Haydon  
PTC0621R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on June 14, 2019 by Friedman & Bruya, Inc. from the Pioneer Technologies Corp Westman Mill, F&BI 906277 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID

906277 -01

Pioneer Technologies Corp

IN-T-04-061119

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/21/19  
Date Received: 06/14/19  
Project: Westman Mill, F&BI 906277  
Date Extracted: 06/18/19  
Date Analyzed: 06/18/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 51-134)
IN-T-04-061119 906277-01	<100	100
Method Blank 09-1406 MB	<100	106

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	IN-T-04-061119	Client:	Pioneer Technologies Corp
Date Received:	06/14/19	Project:	Westman Mill, F&BI 906277
Date Extracted:	06/18/19	Lab ID:	906277-01
Date Analyzed:	06/18/19	Data File:	906277-01.130
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	1.79
---------	------

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	NA	Project:	Westman Mill, F&BI 906277
Date Extracted:	06/18/19	Lab ID:	I9-375 mb
Date Analyzed:	06/18/19	Data File:	I9-375 mb.095
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	<1
---------	----



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	IN-T-04-061119	Client:	Pioneer Technologies Corp
Date Received:	06/14/19	Project:	Westman Mill, F&BI 906277
Date Extracted:	06/18/19	Lab ID:	906277-01 1/2
Date Analyzed:	06/18/19	Data File:	061809.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	31	160
Benzo(a)anthracene-d12	93	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.4
2-Methylnaphthalene	<0.4
1-Methylnaphthalene	<0.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 906277
Date Extracted:	06/18/19	Lab ID:	09-1430 mb
Date Analyzed:	06/18/19	Data File:	061807.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	87	31	160
Benzo(a)anthracene-d12	90	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.2
2-Methylnaphthalene	<0.2
1-Methylnaphthalene	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/21/19

Date Received: 06/14/19

Project: Westman Mill, F&BI 906277

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR TPH AS GASOLINE  
USING METHOD NWTPH-G<sub>x</sub>**

Laboratory Code: 906323-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	98	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/21/19

Date Received: 06/14/19

Project: Westman Mill, F&BI 906277

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 906321-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	11.1	101	98	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	93	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/21/19

Date Received: 06/14/19

Project: Westman Mill, F&BI 906277

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	ug/L (ppb)	1	78	82	67-116	5
2-Methylnaphthalene	ug/L (ppb)	1	79	83	63-122	5
1-Methylnaphthalene	ug/L (ppb)	1	81	85	65-122	5

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### **Data Qualifiers & Definitions**

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



November 12, 2019

**FAL Project: 12746**

Ms. Stephanie Herrera  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Ms. Herrera,

The following results are associated with Frontier Analytical Laboratory project **12746**. This corresponds to your **Westman Mill** project. One aqueous sample was received on 11/7/2019 in good condition. This sample was extracted and analyzed by EPA Method 8290 for 2,3,7,8-TCDD only. Per your request, we have set our “reporting limit” equal to the lowest point of calibration. Therefore nothing below our “reporting limit” of 5.00pg/L, for a one-liter sample, will be reported. A turnaround time of ten business days was requested for project **12746**.

The following level I report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the sample referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory’s State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory’s State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12746**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Bradley B. Silverbush  
Director of Operations



## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12746

Received on: 11/07/2019

Project Due: 11/22/2019 Storage: R-3

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12746-001-SA	1	Westman Mill	IN-T-02-110619	EPA 8290 TCDD	Aqueous	11/06/2019	12:30 pm	12/06/2019

FAL Sample ID	Notes
12746-001-SA	'Use sample ID from COC per Stephanie to Kathy.'

EPA Modified Method 8290  
TCDD



FAL ID: 12746-001-MB  
Client ID: Method Blank  
Matrix: Aqueous  
Batch No: X5118

Date Extracted: 11-11-2019  
Date Received: NA  
Amount: 1.000 L

ICal: PCDDFAL4-9-9-19  
GC Column: DB5MS  
Units: pg/L

Acquired: 11-11-2019  
WHO TEQ: NA

Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	5.00	U,#	0.447


Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	83.1	40.0 - 135	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	81.0	50.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested Reporting Limit of 5.00pg/L

Analyst:  \_\_\_\_\_

Date: 11/12/2019

Reviewed By:  \_\_\_\_\_

Date: 11/12/2019

EPA Modified Method 8290  
TCDD



FAL ID: 12746-001-OPR  
Client ID: OPR  
Matrix: Aqueous  
Batch No: X5118


Date Extracted: 11-11-2019  
Date Received: NA  
Amount: 1.000 L


ICal: PCDDFAL4-9-9-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 11-11-2019  
WHO TEQ: NA

Compound	Conc	QC Limits
2,3,7,8-TCDD	11.1	7.00 - 13.0
Internal Standards	% Rec	QC Limits
13C-2,3,7,8-TCDD	53.1	40.0 - 135
Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	56.1	50.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client request Reporting Limit of 5.00pg/L

Analyst:  \_\_\_\_\_  
Date: 11/12/2019

Reviewed By:  \_\_\_\_\_  
Date: 11/12/2019

EPA Modified Method 8290  
TCDD



FAL ID: 12746-001-SA  
Client ID: IN-T-02-110619  
Matrix: Aqueous  
Batch No: X5118

Date Extracted: 11-11-2019  
Date Received: 11-07-2019  
Amount: 1.047 L

ICal: PCDDFAL4-9-9-19  
GC Column: DB5MS  
Units: pg/L

Acquired: 11-11-2019  
WHO TEQ: NA

Compound	Conc	RL	Qual	MDL
2,3,7,8-TCDD	ND	5.00	U,#	0.447

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	58.1	40.0 - 135	

Cleanup Surrogate		
37Cl-2,3,7,8-TCDD	59.6	50.0 - 150

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- # Client requested Rreporting Limit of 5.00pg/L

Analyst:  \_\_\_\_\_

Date: 11/12/2019

Reviewed By:  \_\_\_\_\_

Date: 11/12/2019



Frontier Analytical Laboratory  
 5172 Hillsdale Circle  
 El Dorado Hills, CA 95762  
 Tel: 916-934-0900  
 Fax: 916-934-0999

FAL USE ONLY

Laboratory Project No.: 12746  
 Temperature: 0 °C

# Chain of Custody

www.frontieranalytical.com

Please Print in Pen Page 1 of 1

CLIENT INFORMATION	INVOICE INFORMATION (if different from client info)	PROJECT INFORMATION
Company Name: <u>Pioneer Technologies Corporation</u> Contact Name: <u>Stephanie Herrera</u> Address: <u>5205 Corporate Ctr. Ct. SE Ste. A Olympia, WA 98503</u> Phone: <u>360-570-1700</u> Fax: _____ Email: <u>herrerass@uspioneer.com</u> Cell: <u>484-753-3390</u>	Company Name: <u>Same</u> Contact Name: <u>Stephanie Herrera</u> Address: <u>5205 Corporate Center Ct. SE</u> Phone: <u>(360)570-1700</u> Fax: _____ Email: _____	FAL Quote #: <u>3406</u> P.O. #: _____ Project #: <u>Westman Mill</u> Project Name: _____ TAT (business days): <input type="checkbox"/> 15 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 5* <input type="checkbox"/> 3* (√ one) * FAL must agree with price and RUSH TAT in writing.

REPORT INFORMATION	REPORT DISTRIBUTION (email only is preferred)	ADDITIONAL INSTRUCTIONS
Report Level: <input type="checkbox"/> I/II <input type="checkbox"/> III <input type="checkbox"/> IV <input checked="" type="checkbox"/> EDD: <input type="checkbox"/> FAL Basic <input type="checkbox"/> Geotracker <input type="checkbox"/> Other: _____ <input type="checkbox"/> Custom: Contact FAL	<input type="checkbox"/> Hardcopy <input type="checkbox"/> CD (.pdf including EDDs if requested) <input checked="" type="checkbox"/> Email (.pdf including EDDs if requested)	

<input type="checkbox"/> California State Drinking Water Form	System #: _____ Source #: _____	Sampler: _____ Employer: _____
---	---------------------------------	--------------------------------

Sample ID	Date	Time	Matrix	# of containers	EPA 1613**	EPA 8290**	DLM 02.0	EPA 8280**	Appendix IX	EPA TO-9/9A	EPA 23/23A	EPA 1668	FAL 15	Other	**CONGENERS		**TEQ		Remarks
															<input type="checkbox"/> 2,3,7,8-TCDD only	<input type="checkbox"/> 2,3,7,8-TCDD/F only	<input type="checkbox"/> 1998 WHO	<input checked="" type="checkbox"/> 2005 WHO	
1	<u>11/6/19</u>	<u>12:30pm</u>	<u>water</u>	<u>2</u>		<input checked="" type="checkbox"/>													<u>- only report results for 2,3,7,8 TCDD (Cas No. 1746-01-6) Do Not report "J" values. "J" values should be reported at the method reporting limit with a "U" qualifier.</u>
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12	<u>Stephanie to Kathy - TCDD only.</u>																		
13	<u>Use Sample ID from doc.</u>																		
14																			
15																			

Samples will be disposed of 90 days after sample receipt unless other arrangements have been made and agreed upon in writing.

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
<u>Stephanie Herrera</u>	<u>11/6/19</u>	<u>12:30pm</u>	<u>Kathy Zap Kathy Zap</u>	<u>11/07/19</u>	<u>905</u>

Client understands that all terms described in the proposals, quotations, and/or the general terms provided in the current FAL price schedule will be followed. FAL reserves the rights to terminate its service or withhold delivery of reports, if in FAL's sole discretion the terms of the project have been broken.

White Copy - Report

Yellow Copy - Laboratory

Pink Copy - Originator

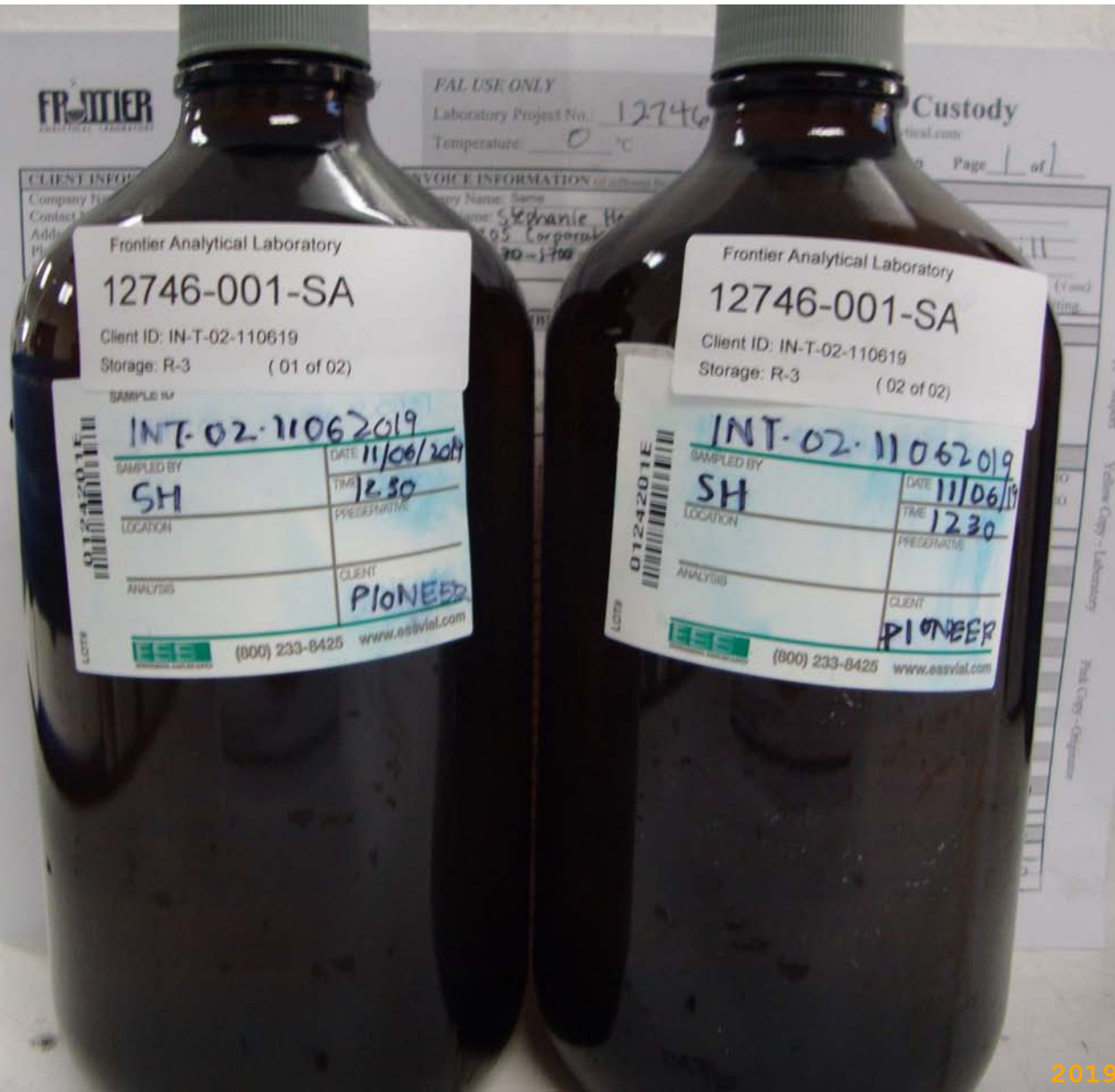
## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: **12746**

Client:	Pioneer Technologies Corporation
Client Project ID:	Westman Mill
Date Received:	11/07/2019
Time Received:	09:05 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	1
Duplicates:	1
Storage Location:	R-3

Method of Delivery:	Fed-Ex
Tracking Number:	776920011946
Shipping Container Received Intact	Yes
Custody seals(s) present?	Yes
Custody seals(s) intact?	Yes
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	Yes
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	Between 4 and 9
Anomalies or additional comments:	



2019/11/07

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Yelena Aravkina, M.S.  
Michael Erdahl, B.S.  
Arina Podnozova, B.S.  
Eric Young, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

November 19, 2019

Stephanie Herrera, Project Manager  
Pioneer Technologies Corp  
5205 Corporate Center Ct, Suite A  
Lacey, WA 98503

Dear Ms Herrera:

Included are the results from the testing of material submitted on November 7, 2019 from the Westman Mill, F&BI 911094 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures  
PTC1119R.DOC



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 7, 2019 by Friedman & Bruya, Inc. from the Pioneer Technologies Corp Westman Mill, F&BI 911094 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID

911094 -01

Pioneer Technologies Corp

IN-T-02-110619

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/19  
Date Received: 11/07/19  
Project: Westman Mill, F&BI 911094  
Date Extracted: 11/07/19  
Date Analyzed: 11/07/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 51-134)
IN-T-02-110619 911094-01	<100	88
Method Blank 09-2718 MB	<100	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/19  
Date Received: 11/07/19  
Project: Westman Mill, F&BI 911094  
Date Extracted: 11/08/19  
Date Analyzed: 11/08/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-D<sub>x</sub>**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 47-140)
IN-T-02-110619 911094-01 1/2	190 x	<500	97
Method Blank 09-2788 MB	<50	<250	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	IN-T-02-110619	Client:	Pioneer Technologies Corp
Date Received:	11/07/19	Project:	Westman Mill, F&BI 911094
Date Extracted:	11/13/19	Lab ID:	911094-01
Date Analyzed:	11/13/19	Data File:	911094-01.149
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	2.51
---------	------

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	NA	Project:	Westman Mill, F&BI 911094
Date Extracted:	11/13/19	Lab ID:	I9-728 mb
Date Analyzed:	11/13/19	Data File:	I9-728 mb.094
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
----------	-----------------------------

Arsenic	<1
---------	----

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	IN-T-02-110619	Client:	Pioneer Technologies Corp
Date Received:	11/07/19	Project:	Westman Mill, F&BI 911094
Date Extracted:	11/11/19	Lab ID:	911094-01 1/2
Date Analyzed:	11/11/19	Data File:	111111.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	87	31	160
Benzo(a)anthracene-d12	87	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.4
2-Methylnaphthalene	<0.4
1-Methylnaphthalene	<0.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 911094
Date Extracted:	11/11/19	Lab ID:	09-2791 mb
Date Analyzed:	11/11/19	Data File:	111108.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	84	31	160
Benzo(a)anthracene-d12	84	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.2
2-Methylnaphthalene	<0.2
1-Methylnaphthalene	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/19

Date Received: 11/07/19

Project: Westman Mill, F&BI 911094

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR TPH AS GASOLINE  
USING METHOD NWTPH-G<sub>x</sub>**

Laboratory Code: 911068-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	96	69-134



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/19

Date Received: 11/07/19

Project: Westman Mill, F&BI 911094

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-D<sub>x</sub>**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	108	108	61-133	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/19

Date Received: 11/07/19

Project: Westman Mill, F&BI 911094

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 911139-01 x20 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	<20	99	95	75-125	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	95	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/19

Date Received: 11/07/19

Project: Westman Mill, F&BI 911094

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	ug/L (ppb)	1	81	76	57-114	6
2-Methylnaphthalene	ug/L (ppb)	1	80	77	63-122	4
1-Methylnaphthalene	ug/L (ppb)	1	82	79	65-122	4

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### **Data Qualifiers & Definitions**

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

91094

SAMPLE CHAIN OF CUSTODY

M.E. 11-07-19

Page # 1 of 1 vwl  
AIC

Report To Stephanie Herrera

Company PIONEER Technologies Corp.

Address 5205 Corporate Center Ct SE

City, State, ZIP Lacey, WA 98503

Phone (360) 530-1360 Email HerreraS@Pioneer.com

SAMPLERS (signature) <u>Stephanie Herrera</u>	PO #
PROJECT NAME <u>Westman Wetman Mill</u>	INVOICE TO <u>Stephanie Herrera</u>
REMARKS	

TURNAROUND TIME <input checked="" type="checkbox"/> Standard turnaround <input type="checkbox"/> RUSH <u>(10 days)</u> Rush charges authorized by:	AP \$
SAMPLE DISPOSAL <input type="checkbox"/> Archive samples <input type="checkbox"/> Other Default: Dispose after 30 days	

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED										Notes		
						NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Naphthalenes SW846-8270D	AS SW846-6020				
N-T-02-110619	01A-E	11/6/19	12:30pm	WW	2 <sup>AS</sup> X5	X	X								X	X		Naphthalenes + AS per historical data ME 11/7/19

Samples received at 2 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<u>Stephanie Herrera</u>	Stephanie Herrera	PIONEER Tech. Corp.	11/6/19	12:30pm
Relinquished by:				
Received by: <u>ml/ep/lmr</u>	Nhan Phan	FBI	11/7/19	1425
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.  
 3012 16th Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282



3155 NE Sunset Blvd, Suite A  
Renton, WA 98056  
Phone: 425.207.8345  
Email: [lab@esnanalytical.com](mailto:lab@esnanalytical.com)  
Web: [www.esnanalytical.com](http://www.esnanalytical.com)

January 11, 2021

Ms. Hannah Briley  
Pioneer Technologies, Corp.  
5205 Corporate Ctr. Ct. SE, Ste. A  
Olympia, WA 98503-5901

Dear Ms. Hannah,

Please find enclosed analytical data report for **PROJECT: Port of Olympia** (Westman Mill, F&BI 903400) in Olympia, WA. One water sample was analyzed for Total Naphthalenes by EPA Method 8270, Gasoline by NWTPH-Gx, Arsenic by EPA 6020 and 2,3,7,8-TCDD by EPA Method 1613B on January 06, 2021.

The results of the analyses are summarized and included on this report. Applicable detection limits and QA/QC data are included.

ESN Analytical appreciates the opportunity to have provided services for this project. If you have any further questions about the data report, please give us a call at 425-207-8345.

Thank you so much and it was a pleasure working with your company on this project. We are looking forward to the next opportunity to work together.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dely Grace Agoy', is written over a light blue horizontal line.

Dely Grace Agoy  
Senior Chemist  
425-207-8345  
[delygrace.agoy@esnanalytical.com](mailto:delygrace.agoy@esnanalytical.com)



3155 NE Sunset Blvd, Suite A  
Renton, WA 98056  
Phone: 425.207.8345  
Email: [lab@esnanalytical.com](mailto:lab@esnanalytical.com)  
Web: [www.esnanalytical.com](http://www.esnanalytical.com)

# ANALYTICAL DATA REPORT

## Project: Port of Olympia

Location: Westman Mill-Olympia, WA

Submitted to: PIONEER TECHNOLOGIES CORP.

Sample Matrix: Water

Sample ID: IN-T-06-010621



## CONTENTS

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1. SAMPLE INFORMATION .....	1
2. TEST RESULTS .....	2
3. CHAIN OF CUSTODY .....	3





3155 NE Sunset Blvd, Suite A  
Renton, WA 98056  
Phone: 425.207.8345  
Email: [lab@esnanalytical.com](mailto:lab@esnanalytical.com)  
Web: [www.esnanalytical.com](http://www.esnanalytical.com)

## SAMPLE INFORMATION

<b>SAMPLE ID</b>	<b>ESN Analytical ID</b>	<b>SAMPLING DATE</b>	<b>SAMPLING TIME</b>	<b>Analysis</b>
IN-T-06-010621	S210601.1	01/06/21	0820AM	Total Naphthalenes, Arsenic, Gasoline, 2,3,7,8-TCDD



## TEST RESULTS

Sampling date: January 06,2021

### Analysis of Total Naphthalenes in Water by Method 8270E

Analytical Results				
	Reporting	MTH BLK	LCS	IN-T-06- 010621
Date extracted	Limits	01/06/21	01/06/21	01/06/21
Date analyzed	(ug/L)	01/06/21	01/06/21	01/06/21
Naphthalene	0.1	nd	116%	nd
2-Methylnaphthalene	0.1	nd	116%	nd
1-Methylnaphthalene	0.1	nd	113%	nd
<b>Surrogate recoveries:</b>				
2-Fluorobiphenyl		131%	131%	141%
p-Terphenyl-d14		136%	123%	138%

#### Data Qualifiers and Analytical Comments

\* - Carcinogenic Analyte  
 nd - not detected at listed reporting limits  
 ns - not spiked  
 Acceptable Recovery limits: 50% TO 150%  
 Acceptable RPD limit: 35%

### Analysis of Gasoline Range Organics by Method NWTPH-Gx

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline Range Organics (ug/L)
Method Blank	1/7/2021	104	nd
LCS	1/7/2021	97	90%
IN-T-06-010621	1/7/2021	105	nd
IN-T-06-010621 Duplicate	1/7/2021	109	nd
<b>Reporting Limits</b>			<b>100</b>



"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

## RESULT FROM THIRD PARTY LABORATORY

### Arsenic by Method 6020

 <b>DRAGON ANALYTICAL LABORATORY</b> 													
627 Durell Road SE, STE B105, Tumwater, WA 98501 (360)866-0543 Customerservice@DragonLaboratory.com Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water Mobile Environmental Laboratory													
ESN Northwest 1210 Eastside Street SE, Suite 200 Olympia, WA 98501 Sampled By: Unk DAL Project No.: 210106-10						Project Name: Port Of Olympia Project No.: n/a PO No.: n/a Date Collected: 1/6/2021,08:00 Date Received: 1/6/2021, 13:54 Temperature Received (°C): 6 Report Date: 1/7/2021							
Preparation Method: US EPA 200.8 Digested Analytical Method: US EPA 200.8 Date Prepared: 1/6/2021 Date Analyzed: 1/7/2021 Analyst: TM						Units: ug/L Matrix: Non-Potable Water Reporting Limits: Standard Instrument ID: Agilent 7500 Lab Data File: 21A07100							
TOTAL HEAVY METALS ANALYTICAL RESULTS													
Analyte	CAS No.	MRL	Method	N-T-06-Blank	010								
Arsenic (As)	7440-38-2	1.3	nd	4.5									
Dilution Factor			1.25	1.25									
TOTAL HEAVY METALS QUALITY CONTROL RESULTS													
LABORATORY CONTROL SAMPLE AND MATRIX SPIKE													
QC Batch ID: 210107-Metals			MS/MSD Sample ID: 210107-Metals MS/MSD						LCS Sample ID: 210107-Metals LCS				
Analyte	MS/MSD Level (ug/L)	Sample Conc. (ug/L)	MS Recovery (ug/L)	MS Percent Recovery	MSD Recovery (ug/L)	MSD Percent Recovery	MS/MSD Limits (%)	RPD	MS/MSD RPD Limits	LCS Level (ug/L)	LCS Recovery (ug/L)	LCS Percent Recovery	LCS Limits (%)
Arsenic (As)	50	1.2	50.2	98.1%	48.2	94.0%	70-130	4.2	≤ 25%	50	49.1	98.2%	85-115
WA-DOE-Laboratory Certification No.: C890 "nd" indicates the analyte was not detected at or above the listed Method Reporting Limit. n/a indicates not applicable Comments and Explanations: None.													
Data Reviewed by: _____			Page 1 of 1						DAL Project No.: 210106-10 Prepared by: TS				

**2,3,7,8-TCDD by Method 1613B**



**EPA Method 1613B**

<b>Quality Assurance Sample</b> <b>Method Blank</b>  <b>Project ID:</b> Port of Olympia	<b>QC Batch #:</b> 2315 <b>Matrix:</b> Aqueous <b>Sample Size:</b> 1.000 L	<b>Date Received:</b> NA <b>Date Extracted:</b> 1/8/2021 <b>ZB-5MS Analysis:</b> 1/9/2021
--	--	---

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 1.35	0.772	5.00		13C-2378-TCDD	82.5	31-137	
					<u>CRS</u>			
					37Cl4-2378-TCDD	91.0	35-197	
DL - Signifies Non-Detect (ND) at sample specific detection limit. EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit								

Analyst: JMH

Reviewed by: BS



3155 NE Sunset Blvd, Suite A  
 Renton, WA 98056  
 Phone: 425.207.8345  
 Email: lab@esnanalytical.com  
 Web: www.esnanalytical.com

# CHAIN-OF-CUSTODY RECORD



**CLIENT:** PIONEER Technologies Corporation  
**ADDRESS:** 5205 Corporate Ctr. Ct. E.  
**PHONE:** 206.570.1700 **EMAIL:** brileyh@pioneer.com  
**CLIENT PROJECT #:** PROJECT MANAGER:

**DATE:** 01/06/21 **PAGE:** 1 **OF:** 1  
**PROJECT NAME:** Port of Olympia  
**LOCATION:** Olympia, WA (Westman Mill)  
**COLLECTOR:** Hannah Briley **DATE OF COLLECTION:** 01/06

Sample Number	Depth	Time	Sample Type	Container Type	TPH-HCl	TPH-DIESEL AND OIL	TPH-GASOLINE	BTEX B280	VOC B280CL	VOC B280	SEMIVOC B270	PAHs B270	PCB'S B082	CL PESTICIDES B081	PCPA & Metals	MTCAs & Metals	FB	ASBESTOS PLM	GRO SURE B30-1	DRO SURE B30-1	WFO SURE B30-1	AGENTIC 6010	2,3,7,8 TCDF		
1. IN-T-06-010621	✓	000	WASTE WATER	bottle	+																				
2.																									
3.																									
4.																									
5.																									
6.																									
7.																									
8.																									
9.																									
10.																									
11.																									
12.																									
13.																									
14.																									
15.																									
16.																									
17.																									
18.																									

**RELINQUISHED BY (Signature):** [Signature] **DATE/TIME:** 01/06/21 9:06  
**RECEIVED BY (Signature):** [Signature] **DATE/TIME:** 01/06/21 9:09 AM  
**LABORATORY NOTES:**  
 TOTAL NUMBER OF CONTAINERS  
 CHAIN OF CUSTODY SEALS Y/N/NA  
 SEALS INTACT? Y/N/NA  
 RECEIVED GOOD COND./COLD  
**NOTES:**  
 Turn Around Time: 24 HR, 48 HR, 5 DAY  
 WebSite: www.esnmw.com  
 E-Mail: lab@esnmw.com

1210 Eastside Street SE, Suite 200  
 Olympia, Washington 98501  
 Phone: 360-459-4670  
 Fax: 360-459-3432

# Appendix F

# Memo



5205 Corporate Ctr. Ct. SE, Ste. A  
Olympia, WA 98503-5901  
Phone: 360.570.1700  
Fax: 360.570.1777  
www.uspioneer.com

**To:** Mohsen Kourehdar, PE (Washington State Department of Ecology)  
**From:** Connor Haydon, EIT  
**Cc:** Rachel Jamison (Port of Olympia), Chris Waldron, PE (PIONEER), Levi Fernandes, PE (PIONEER)  
**Date:** April 29, 2019  
**Subject:** Dust Monitoring Results for the Westman Mill Development (i.e., Lot 11 at the East Bay Redevelopment Site) Agreed Order DE14072, Ecology Facility/Site No. 5785176, Cleanup Site ID No. 407)

Per the Ecology-approved Engineering Design Report (EDR) for the Westman Mill Development (i.e., Lot 11 at the East Bay Redevelopment Site/Agreed Order DE14072, Ecology Facility/Site No. 5785176, Cleanup Site ID No. 407), PIONEER Technologies Corporation (PIONEER) conducted dust level monitoring between March 11, 2019 and June 26 to ensure that dust levels were below (1 mg/m<sup>3</sup>) during construction activities (PIONEER 2018). Dust monitoring was required "To verify that the contractor's means and methods for excavating potentially-contaminated soil does not create an airborne dust issue..." (PIONEER 2018). The EDR specified that "dust monitoring will be conducted during the first week of soil excavation activities associated with the installation of deep subsurface utilities (north of the main building and at the southeast corner of Lot 11 for the sanitary sewer connection to main in State Avenue NE) and grade beams (for both the main building and townhomes)..." (PIONEER 2018). Discontinuation of dust monitoring will be determined in consultation with Ecology.

Note: Because dioxins and furans were detected in one, historical on-site excavation, a more protective airborne dust action level of 1 milligram per cubic meter (1 mg/m<sup>3</sup>) was used to evaluate dust levels instead of the 5 mg/m<sup>3</sup> specified in Washington State's permissible exposure limit for the respirable fraction of nuisance dust. The purpose of this memo is to document the results of the dust monitoring event and describe the procedures used to collect the data.

## Dust Monitoring Results

Sixty-six (66) averaged dust monitoring measurements were collected over 107 work days at the site, which included the days with intrusive soil work and the highest potential to generate dust. All 8-hour time-weighted average dust particulate concentrations collected during work days were below 1 mg/m<sup>3</sup> (see Table 1). The best management practices (BMPs) employed by the construction contractor (e.g., covering stockpiles, general good housekeeping practices) have shown to be effective in managing dust levels. Consequently, dust monitoring will be discontinued at the site unless there is a change in conditions or a change in BMPs or construction methods that would increase the potential for dust generation.

## Dust Monitoring Procedures

Dust monitoring was performed during soil excavation activities (and also during the pile drilling activities, which overlapped). One to three passive personal DataRAM™ (model pDR-1000AN) air sampling units (dust monitoring units) were used to log concentrations of airborne particulates every minute, each working day. These manufacturer-calibrated units were zeroed daily and then placed on the fence that borders the site and/or on a construction crew member. Border fence units were positioned to be between the site activity and the nearby Hands On Children's

Museum and East Bay water body receptors, and/or positioned at the closest site boundary to dust-generating activity. The dust monitoring units were programmed to produce an audible alarm if the measured particulate concentration exceeded 1 mg/m<sup>3</sup>. At the end of the work day, dust monitoring units were switched off and collected, and the logged data were downloaded.

## Enclosures

Table 1: Dust Monitoring Tracking Table



**Table 1: Westman Mill Dust Monitoring Results**

Date	DM	Tag	Location	TWA (mg/m <sup>3</sup> )
3/11/2019	6389	1	South Fence	0.009
3/11/2019	2737	1	North Fence	0.021
3/12/2019	6389	2	South Fence	0.015
3/12/2019	2737	2	North Fence	0.0010
3/13/2019	6389	3	South Fence	0.036
3/13/2019	2737	3	North Fence	0.028
3/13/2019	2518	1	Operator	0.10
3/14/2019	6389	4	South Fence	0.020
3/14/2019	2737	4	North Fence	0.0
3/14/2019	2518	2	Operator	0.027
3/15/2019	2737	5	South Fence	0.0010
3/15/2019	6389	6	Operator	0.12
3/18/2019	6389	7	Near Stockpile towards the North End	0.050
3/18/2019	2737	6	South Fence	0.024
3/18/2019	2518	3	Operator	Data not recorded
3/19/2019	2518	3	South Fence	0.12
3/19/2019	6389	8	Near Stockpile towards the North End	0.026
3/19/2019	2737	7	Operator	0.16
3/20/2019	2518	4	South Fence	0.052
3/20/2019	6389	9	Near Stockpile towards the North End	0.033
3/20/2019	2737	8	Operator	0.11
3/21/2019	2518	5	South Fence	0.084
3/21/2019	6389	10	Operator	0.087
3/21/2019	2737	9	North Fence	0.055
3/22/2019	6389	11	North Fence	0.018
3/22/2019	2737	10	South Fence	0.025
3/22/2019	6389	12	North Fence	0.030
4/2/2019	2518	1	West Fence - at Exit	0.82
4/2/2019	6389	13	West Fence - South of Work	0.037
4/3/2019	2737	11	West Fence - South of Work	0.010
4/3/2019	2518	2	West Fence - at Exit	0.034
4/4/2019	2737	12	West Fence - South of Work	0.13
4/4/2019	2518	3	West Fence - at Exit	Insufficient data logged
4/5/2019	2737	13	West Fence - at Exit	0.072
4/5/2019	2518	4	West Fence - South of Work	Insufficient data logged
4/8/2019	6389	14	South Fence	0.012
4/8/2019	2737	14	West Fence - at Exit	0.051
4/9/2019	6389	15	South Fence	0.016
4/9/2019	2737	15	West Fence - at Exit	0.053
4/10/2019	2518	1	South Fence	0.0040
4/11/2019	2518	2	West Fence - at Exit	0.0050
4/11/2019	2737	16	South Fence	0.0020
4/12/2019	2737	17	South Fence	0.010
4/12/2019	6389	16	West Fence - at Exit	0.025
4/15/2019	2737	18	South Fence	Data not recorded
4/15/2019	2518	3	West Fence - at Exit	0.025
4/16/2019	2737	18	Operator	0.062
4/16/2019	6389	17	South Fence	0.0090

**Table 1: Westman Mill Dust Monitoring Results**

Date	DM	Tag	Location	TWA (mg/m <sup>3</sup> )
4/22/2019	6389	18	South Fence	0.012
4/22/2019	2737	19	North Fence	0.027
4/23/2019	6389	19	West Fence	0.0060
4/23/2019	2518	4	South Fence	0.0
4/24/2019	2737	5	South Fence	0.041
4/25/2019	2518	5	West Fence	0.053
4/25/2019	2737	6	South Fence	0.036
4/26/2019	6389	20	North Fence	0.023
4/26/2019	2518	6	South Fence	0.065
4/30/2019	2737	23	North Fence	0.045
5/7/2019	2737	24	North Fence	0.055
5/7/2019	6389	21	South Fence	0.018
5/28/2019	6389	22	South Fence	0.018
5/29/2019	2737	25	West Fence	0.053
5/29/2019	6389	23	South Fence	0.021
5/30/2019	2737	26	West Fence	0.036
6/10/2019	6389	24	North Inner Fence	0.011
6/11/2019	2737	27	West Fence	0.059
6/11/2019	6389	25	North Inner Fence	0.0
6/12/2019	2737	28	South Fence	0.067
6/17/2019	6389	26	North Inner Fence	0.0
6/26/2019	2737	29	North Inner Fence	0.060

**Notes:**

Color scale set to turn red at 1.

# **Appendix G**

# Memo



5205 Corporate Ctr. Ct. SE, Ste. A  
Olympia, WA 98503-5901  
Phone: 360.570.1700  
Fax: 360.570.1777  
www.uspioneer.com

**To:** Lisa Parks  
**From:** Joel Hecker, LG, LHG  
**Cc:** Chris Waldron, PE (PIONEER)  
**Date:** December 4, 2021  
**Subject:** Waste Soil Characterization and Disposal Documentation for the Westman Mill Development (i.e., Lot 11 at the East Bay Redevelopment Site)  
Agreed Order DE14072, Ecology Facility/Site No. 5785176, Cleanup Site ID No. 407

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This memorandum summarizes soil sampling data in support of waste characterization and landfill profiling associated with the excavation of contaminated soil at the Westman Mill Development (i.e., Lot 11 at the East Bay Redevelopment Site/Agreed Order DE14072, Ecology Facility/Site No. 5785176, Cleanup Site ID No. 407). Excavation of contaminated soil was completed per the Washington Department of Ecology-approved Engineering Design Report (EDR) for Lot 11 (PIONEER 2018). The purpose of the characterization was to determine if the soil was suitable to be used as fill for any open excavations. In general, the soil that was collected from the excavations was placed in stockpiles ranging from approximately 100 to approximately 450 cubic yards (CY) and from each stockpile, a 3 or 5-point composite soil sample was taken. Laboratory analytical reports for the stockpile sampling are provided in Attachment A. Initially, a total of 4 stockpiles were sampled and a decision was made to discontinue sampling for because the material was no longer desired as a fill substitute. The decision was altered and a 5th stockpile was sampled to determine if the soil could be used to backfill the elevator pit and footings for the base of the main building. A summary of collected discrete and composite soil stockpile samples are as follows:

Stockpile A: 3 composite samples were collected from approximately 100 CY of material. The results showed no exceedances of site constituent of concern (COC) Remediation Levels (RLs).<sup>1</sup>

Stockpile B: 5 composite samples were collected from approximately 300 CY of material. The results showed a sample with elevated dioxin/furan concentrations which would identify this stockpile as unsuitable for reuse.

Stockpile C: 5 composite samples were collected from approximately 450 CY of material. The results showed a sample with elevated dioxin/furan concentrations which would identify this stockpile as unsuitable for reuse.

Stockpile D: 5 composite samples were collected from approximately 250 CY of material. The results showed no exceedances of COC RLs.

Stockpile E: 5 composite samples were collected from approximately 350 CY of material. The results showed no exceedances of COC RLs.

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<sup>1</sup> The site COCs include arsenic, lead, total carcinogenic polycyclic aromatic hydrocarbons (cPAHs), total chlorinated dibenzo-p-dioxins and chlorinated dibenzofurans (dioxins/furans), total petroleum hydrocarbons (TPH) in the diesel and heavy oil range (TPH-D and TPH-HO), TPH in the gasoline range (TPH-G), and total naphthalenes.

No sampling was required for stockpiles F, G, H, and J due to the consistent nature of the material when compared to other previously sampled soil.<sup>2</sup>

Based on process knowledge and review of excavation sampling results, the contaminated soil is not designated as a listed or characteristic hazardous waste. Based on communication with Nichole Chambers (Environmental Specialist for Waste Connections), the contaminated soil in the separate stockpiles was managed under one soil profile given the excavations were completed within close proximity and on one property. The approved profile from Waste Connections is included in Attachment B. Landfill disposal documentation is included in Attachment C.

## References

PIONEER. 2018. Engineering Design Report (Lot 11). East Bay Redevelopment Site (Lot 11), Olympia, Washington. June.

## Enclosures

Attachment A	Excavation Stockpile Laboratory Analytical Results
Attachment B	Landfill Profile Approval
Attachment C	Landfill Disposal Documents

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<sup>2</sup> There is no stockpile I. The lettering went from stockpile H to stockpile J.

# **Attachment A**

March 22, 2019

**FAL Project: 12257**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12257**. This corresponds to your **Port of Olympia** project. Four soil samples were received on 3/15/2019 in good condition. These samples were extracted and analyzed by EPA Method 8290 for tetra through octa chlorinated dibenzo dioxins and furans. The Toxic Equivalency (TEQ) for your samples has been calculated using the 2005 World Health Organization's (WHO's) toxic equivalency factors (TEFs). The TEQ value is located in the upper right hand portion of each sample data sheet. A **RUSH** turnaround time of five business days was provided for project **12257**.

Please note that due to high levels of hexa chlorinated dibenzo dioxins (HxCDD), hepta chlorinated dibenzo dioxins (HpCDD), octa chlorinated dibenzo dioxin (OCDD) and octa chlorinated dibenzo furan (OCDF), samples 12257-003-SA and 12257-004-SA (Pioneer Technologies Corp. Sample IDs: SO-UTSP-02-031319-0.5-1 and SO-UTSP-03-031319-0.5-1 respectively) had to be diluted and reanalyzed. All results taken from dilutions have been noted with the "\*" qualifier.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the samples referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12257**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Thomas C. Crabtree  
Director

## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12257

Received on: 03/15/2019

Project Due: 03/25/2019 Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12257-001-SA	0	Port of Olympia	SO-UTSP-01-031319-0.5-1	EPA 8290 D/F	Soil	03/13/2019	02:20 pm	04/12/2019
12257-002-SA	0	Port of Olympia	SO-UTSP-01-031319-0.5-1-(01)	EPA 8290 D/F	Soil	03/13/2019	02:25 pm	04/12/2019
12257-003-SA	0	Port of Olympia	SO-UTSP-02-031319-0.5-1	EPA 8290 D/F	Soil	03/13/2019	02:30 pm	04/12/2019
12257-004-SA	0	Port of Olympia	SO-UTSP-03-031319-0.5-1	EPA 8290 D/F	Soil	03/13/2019	02:35 pm	04/12/2019



EPA Method 8290  
PCDD/F



FAL ID: 12257-001-MB  
Client ID: Method Blank  
Matrix: Soil  
Batch No: X4831

Date Extracted: 03-18-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-20-2019  
2005 WHO TEQ: 0.0  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.126		-	0.0331				
1,2,3,7,8-PeCDD	ND	0.256		-	0.0536				
1,2,3,4,7,8-HxCDD	ND	0.407		-	0.0540				
1,2,3,6,7,8-HxCDD	ND	0.410		-	0.0538	Total TCDD	ND	0.126	
1,2,3,7,8,9-HxCDD	ND	0.392		-	0.0518	Total PeCDD	ND	0.256	
1,2,3,4,6,7,8-HpCDD	ND	0.569		-	0.0695	Total HxCDD	ND	0.410	
OCDD	ND	0.869		-	0.116	Total HpCDD	ND	0.569	
2,3,7,8-TCDF	ND	0.144		-	0.0345				
1,2,3,7,8-PeCDF	ND	0.208		-	0.0417				
2,3,4,7,8-PeCDF	ND	0.213		-	0.0449				
1,2,3,4,7,8-HxCDF	ND	0.235		-	0.0351				
1,2,3,6,7,8-HxCDF	ND	0.245		-	0.0382				
2,3,4,6,7,8-HxCDF	ND	0.252		-	0.0379				
1,2,3,7,8,9-HxCDF	ND	0.386		-	0.0423	Total TCDF	ND	0.144	
1,2,3,4,6,7,8-HpCDF	ND	0.254		-	0.0415	Total PeCDF	ND	0.213	
1,2,3,4,7,8,9-HpCDF	ND	0.336		-	0.0532	Total HxCDF	ND	0.386	
OCDF	ND	0.430		-	0.0833	Total HpCDF	ND	0.336	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	96.4	40.0 - 135	
13C-1,2,3,7,8-PeCDD	88.6	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	101	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	105	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	86.1	40.0 - 135	
13C-OCDD	61.9	40.0 - 135	
13C-2,3,7,8-TCDF	98.1	40.0 - 135	
13C-1,2,3,7,8-PeCDF	94.2	40.0 - 135	
13C-2,3,4,7,8-PeCDF	96.2	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	124	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	123	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	123	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	107	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	97.3	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	93.9	40.0 - 135	
13C-OCDF	70.9	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	88.1	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/22/2019

Reviewed By:   
Date: 3/22/2019

EPA Method 8290  
PCDD/F



FAL ID: 12257-001-OPR  
Client ID: OPR  
Matrix: Soil  
Batch No: X4831


Date Extracted: 03-18-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: ng/ml

Acquired: 03-20-2019  
2005 WHO TEQ: NA

Compound	Conc	QC Limits	Qual
2,3,7,8-TCDD	8.82	7.00 - 13.0	
1,2,3,7,8-PeCDD	48.1	35.0 - 65.0	
1,2,3,4,7,8-HxCDD	52.2	35.0 - 65.0	
1,2,3,6,7,8-HxCDD	52.0	35.0 - 65.0	
1,2,3,7,8,9-HxCDD	52.8	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDD	49.5	35.0 - 65.0	
OCDD	101	70.0 - 130	
2,3,7,8-TCDF	9.53	7.00 - 13.0	
1,2,3,7,8-PeCDF	47.6	35.0 - 65.0	
2,3,4,7,8-PeCDF	48.2	35.0 - 65.0	
1,2,3,4,7,8-HxCDF	48.5	35.0 - 65.0	
1,2,3,6,7,8-HxCDF	49.3	35.0 - 65.0	
2,3,4,6,7,8-HxCDF	48.7	35.0 - 65.0	
1,2,3,7,8,9-HxCDF	50.3	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDF	49.4	35.0 - 65.0	
1,2,3,4,7,8,9-HpCDF	49.5	35.0 - 65.0	
OCDF	97.0	70.0 - 130	
Internal Standards			
13C-2,3,7,8-TCDD	101	40.0 - 135	
13C-1,2,3,7,8-PeCDD	99.8	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	96.3	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	97.2	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	97.9	40.0 - 135	
13C-OCDD	75.9	40.0 - 135	
13C-2,3,7,8-TCDF	103	40.0 - 135	
13C-1,2,3,7,8-PeCDF	102	40.0 - 135	
13C-2,3,4,7,8-PeCDF	102	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	116	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	112	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	112	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	108	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	105	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	112	40.0 - 135	
13C-OCDF	90.9	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	93.0	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/22/2019

Reviewed By:   
Date: 3/22/2019

EPA Method 8290  
PCDD/F



FAL ID: 12257-001-SA  
Client ID: SO-UTSP-01-031319-0.5-1  
Matrix: Soil  
Batch No: X4831

Date Extracted: 03-18-2019  
Date Received: 03-15-2019  
Amount: 5.03 g  
% Solids: 90.35


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-20-2019  
2005 WHO TEQ: 0.564  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.160		-	0.0331				
1,2,3,7,8-PeCDD	ND	0.333		-	0.0536				
1,2,3,4,7,8-HxCDD	ND	0.301		-	0.0540				
1,2,3,6,7,8-HxCDD	1.05	-	J	0.105	0.0538	Total TCDD	1.12	-	
1,2,3,7,8,9-HxCDD	0.515	-	J	0.0515	0.0518	Total PeCDD	0.686	-	J
1,2,3,4,6,7,8-HpCDD	20.3	-		0.203	0.0695	Total HxCDD	7.50	-	
OCDD	187	-		0.0561	0.116	Total HpCDD	40.6	-	
2,3,7,8-TCDF	ND	0.133		-	0.0345				
1,2,3,7,8-PeCDF	ND	0.229		-	0.0417				
2,3,4,7,8-PeCDF	ND	0.227		-	0.0449				
1,2,3,4,7,8-HxCDF	0.601	-	J	0.0601	0.0351				
1,2,3,6,7,8-HxCDF	ND	0.288		-	0.0382				
2,3,4,6,7,8-HxCDF	ND	0.302		-	0.0379				
1,2,3,7,8,9-HxCDF	ND	0.412		-	0.0423	Total TCDF	0.485	-	J
1,2,3,4,6,7,8-HpCDF	7.72	-		0.0772	0.0415	Total PeCDF	2.08	-	J,M
1,2,3,4,7,8,9-HpCDF	0.525	-	J	0.00525	0.0532	Total HxCDF	7.90	-	
OCDF	18.1	-		0.00543	0.0833	Total HpCDF	22.4	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	102	40.0 - 135	
13C-1,2,3,7,8-PeCDD	95.8	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	100	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	103	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	99.0	40.0 - 135	
13C-OCDD	79.4	40.0 - 135	
13C-2,3,7,8-TCDF	102	40.0 - 135	
13C-1,2,3,7,8-PeCDF	97.6	40.0 - 135	
13C-2,3,4,7,8-PeCDF	98.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	118	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	117	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	116	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	113	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	109	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	115	40.0 - 135	
13C-OCDF	90.9	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	93.4	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/22/2019

Reviewed By:   
Date: 3/22/2019

EPA Method 8290  
PCDD/F



FAL ID: 12257-002-SA  
Client ID: SO-UTSP-01-031319-0.5-1-(01)  
Matrix: Soil  
Batch No: X4831

Date Extracted: 03-18-2019  
Date Received: 03-15-2019  
Amount: 5.02 g  
% Solids: 89.93


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-20-2019  
2005 WHO TEQ: 0.407  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.142		-	0.0331				
1,2,3,7,8-PeCDD	ND	0.298		-	0.0536				
1,2,3,4,7,8-HxCDD	ND	0.404		-	0.0540				
1,2,3,6,7,8-HxCDD	0.772	-	J	0.0772	0.0538	Total TCDD	0.728	-	J
1,2,3,7,8,9-HxCDD	0.718	-	J	0.0718	0.0518	Total PeCDD	0.595	-	J
1,2,3,4,6,7,8-HpCDD	15.1	-		0.151	0.0695	Total HxCDD	6.26	-	
OCDD	142	-		0.0426	0.116	Total HpCDD	30.6	-	
2,3,7,8-TCDF	ND	0.182		-	0.0345				
1,2,3,7,8-PeCDF	ND	0.299		-	0.0417				
2,3,4,7,8-PeCDF	ND	0.297		-	0.0449				
1,2,3,4,7,8-HxCDF	ND	0.336		-	0.0351				
1,2,3,6,7,8-HxCDF	ND	0.341		-	0.0382				
2,3,4,6,7,8-HxCDF	ND	0.373		-	0.0379				
1,2,3,7,8,9-HxCDF	ND	0.488		-	0.0423	Total TCDF	ND	0.182	
1,2,3,4,6,7,8-HpCDF	5.66	-		0.0566	0.0415	Total PeCDF	1.76	-	J
1,2,3,4,7,8,9-HpCDF	0.427	-	J	0.00427	0.0532	Total HxCDF	5.33	-	
OCDF	12.8	-		0.00384	0.0833	Total HpCDF	16.4	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	95.6	40.0 - 135	
13C-1,2,3,7,8-PeCDD	92.5	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	91.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	93.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	91.7	40.0 - 135	
13C-OCDD	73.6	40.0 - 135	
13C-2,3,7,8-TCDF	98.3	40.0 - 135	
13C-1,2,3,7,8-PeCDF	94.2	40.0 - 135	
13C-2,3,4,7,8-PeCDF	97.1	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	112	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	109	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	109	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	106	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	103	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	106	40.0 - 135	
13C-OCDF	86.3	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	87.3	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/22/2019

Reviewed By:   
Date: 3/22/2019

EPA Method 8290  
PCDD/F



FAL ID: 12257-003-SA  
Client ID: SO-UTSP-02-031319-0.5-1  
Matrix: Soil  
Batch No: X4831

Date Extracted: 03-18-2019  
Date Received: 03-15-2019  
Amount: 5.03 g  
% Solids: 86.21


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-20-2019  
2005 WHO TEQ: 295  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	6.70	-		6.70	0.0331				
1,2,3,7,8-PeCDD	24.0	-		24.0	0.0536				
1,2,3,4,7,8-HxCDD	27.4	-		2.74	0.0540				
1,2,3,6,7,8-HxCDD	249	-		24.9	0.0538	Total TCDD	531		-
1,2,3,7,8,9-HxCDD	58.5	-		5.85	0.0518	Total PeCDD	695		-
1,2,3,4,6,7,8-HpCDD	6030	-	*	60.3	0.0695	Total HxCDD	1680		-
OCDD	43700	-	*	13.1	0.116	Total HpCDD	10600		-
2,3,7,8-TCDF	27.9	-	F	2.79	0.0345				
1,2,3,7,8-PeCDF	35.8	-		1.07	0.0417				
2,3,4,7,8-PeCDF	175	-		52.5	0.0449				
1,2,3,4,7,8-HxCDF	435	-		43.5	0.0351				
1,2,3,6,7,8-HxCDF	87.9	-		8.79	0.0382				
2,3,4,6,7,8-HxCDF	120	-		12.0	0.0379				
1,2,3,7,8,9-HxCDF	83.4	-		8.34	0.0423	Total TCDF	608		- D,M
1,2,3,4,6,7,8-HpCDF	2330	-		23.3	0.0415	Total PeCDF	1050		- D,M
1,2,3,4,7,8,9-HpCDF	186	-		1.86	0.0532	Total HxCDF	3460		- D,M
OCDF	11700	-	*	3.51	0.0833	Total HpCDF	11400		-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	104	40.0 - 135	
13C-1,2,3,7,8-PeCDD	99.6	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	92.7	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	95.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	103	40.0 - 135	*
13C-OCDD	95.5	40.0 - 135	*
13C-2,3,7,8-TCDF	101	40.0 - 135	
13C-1,2,3,7,8-PeCDF	107	40.0 - 135	
13C-2,3,4,7,8-PeCDF	107	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	107	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	107	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	109	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	108	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	107	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	110	40.0 - 135	
13C-OCDF	106	40.0 - 135	*
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	94.5	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/22/2019

Reviewed By:   
Date: 3/22/2019

EPA Method 8290  
PCDD/F



FAL ID: 12257-004-SA  
Client ID: SO-UTSP-03-031319-0.5-1  
Matrix: Soil  
Batch No: X4831

Date Extracted: 03-18-2019  
Date Received: 03-15-2019  
Amount: 5.01 g  
% Solids: 80.24


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-20-2019  
2005 WHO TEQ: 18.5  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.154		-	0.0331				
1,2,3,7,8-PeCDD	0.586	-	J	0.586	0.0536				
1,2,3,4,7,8-HxCDD	1.00	-	J	0.100	0.0540				
1,2,3,6,7,8-HxCDD	15.5	-		1.55	0.0538	Total TCDD	16.9	-	
1,2,3,7,8,9-HxCDD	2.45	-	J	0.245	0.0518	Total PeCDD	38.0	-	
1,2,3,4,6,7,8-HpCDD	896	-		8.96	0.0695	Total HxCDD	157	-	
OCDD	11000	-	*	3.30	0.116	Total HpCDD	1440	-	
2,3,7,8-TCDF	0.683	-	J	0.0683	0.0345				
1,2,3,7,8-PeCDF	0.817	-	J	0.0245	0.0417				
2,3,4,7,8-PeCDF	3.43	-	J	1.03	0.0449				
1,2,3,4,7,8-HxCDF	7.56	-		0.756	0.0351				
1,2,3,6,7,8-HxCDF	1.64	-	J	0.164	0.0382				
2,3,4,6,7,8-HxCDF	2.52	-	J	0.252	0.0379				
1,2,3,7,8,9-HxCDF	1.89	-	J	0.189	0.0423	Total TCDF	11.9	-	D,M
1,2,3,4,6,7,8-HpCDF	98.2	-		0.982	0.0415	Total PeCDF	26.6	-	
1,2,3,4,7,8,9-HpCDF	4.37	-	J	0.0437	0.0532	Total HxCDF	96.5	-	D,M
OCDF	898	-		0.269	0.0833	Total HpCDF	405	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	104	40.0 - 135	
13C-1,2,3,7,8-PeCDD	100	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	93.8	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	97.7	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	97.0	40.0 - 135	
13C-OCDD	81.6	40.0 - 135	*
13C-2,3,7,8-TCDF	105	40.0 - 135	
13C-1,2,3,7,8-PeCDF	103	40.0 - 135	
13C-2,3,4,7,8-PeCDF	107	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	108	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	108	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	109	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	106	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	105	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	106	40.0 - 135	
13C-OCDF	89.9	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	96.2	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection


Analyst:   
Date: 3/22/2019

Reviewed By:   
Date: 3/22/2019

Chain of Custody Record

Project Name: Port of Olympia

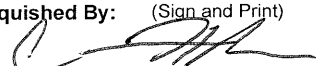
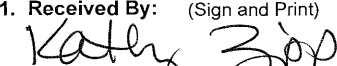
CHOC Number: 01\_1.1\_E87\_12978\_12032019

<p><b>Send Results To:</b>                  waldronc@uspioneer.com, HaydonC@uspioneer.com,                  heckerj@uspioneer.com</p>	<p><b>Site Contact:</b>                  PIONEER                  Connor Haydon                  Phone: 360-570-1700 Email: HaydonC@uspioneer.com</p>	<p>PIONEER Technologies Corporation.                  5205 Corporate Ctr. Court SE, Suite A                  Lacey, WA 98503                  Phone: 360.570.1700                  Fax: 360.570.1777                  www.uspioneer.com</p> 
<p><b>Send Invoice To:</b>                  PIONEER Technologies Corporation                  Chris Waldron                  Phone: 360-570-1700 Email: waldronc@uspioneer.com</p>	<p><b>Laboratory Information:</b>                  Frontier Analytical Laboratory                  Bradley Silverbush                  Phone: 916-943-0900 Email: brads@frontieranalytical.com</p>	<p>CHOC Version: 0.99.05                  Copyright © 2003 - 2015.                  PIONEER Technologies Corp.                  All Rights Reserved</p>

Sample Information						Analytes																
Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Special Lab Instructions Included ==>			MS/MSD 8290 -- 8290	<== Special Lab Instructions														
				Leachate	Filtered			Comments for Sample														
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SO-UTSP-01-031319-0.5-1(01)	03/13/2019	CH 00:00 14:25	CH				X															
SO-UTSP-02-031319-0.5-1	03/13/2019	CH 00:00 14:30	CH				X															
SO-UTSP-03-031319-0.5-1	03/13/2019	CH 00:00 14:35	CH				X															
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<del>SO-UTSP-05-031319-0.5-1</del>	<del>03/13/2019</del>	<del>00:00</del>	<del>CH</del>				X															
<del>SO-UTSP-06-031319-0.5-1</del>	<del>03/13/2019</del>	<del>00:00</del>	<del>CH</del>				X															
Cooler (Yes/No): Cooler Temp: <i>ooc</i>				Turnaround Time: 5-day		Hazard Identification: Low		Sample Disposal: Lab to Dispose												Lab Use Only:		

These data are protected by Attorney/Client Privilege. No Un-Authorized distribution is allowed.


QA/QC Requirements:

<p>1. Relinquished By: (Sign and Print)                    Date/Time: 3/14/19 0800</p>	<p>1. Received By: (Sign and Print)   K. ZIPP                  Date/Time: 3/15/2019 915</p>
<p>2. Relinquished By: (Sign and Print)                  Date/Time:</p>	<p>2. Received By: (Sign and Print)                  Date/Time:</p>
<p>3. Relinquished By: (Sign and Print)                  Date/Time:</p>	<p>3. Received By: (Sign and Print)                  Date/Time:</p>

000009 of 000012

Special Instructions for Laboratory

CHOC Number: 01\_1.1\_E87\_12978\_12032019

<b>Send Results To:</b> waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com		<b>Site Contact:</b> PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com		PIONEER Technologies Corporation. 5205 Corporate Ctr. Court SE, Suite A Lacey, WA 98503 Phone: 360.570.1700 Fax: 360.570.1777 	
<b>Send Invoice To:</b> PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com		<b>Laboratory Information:</b> Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com		CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corporation All Rights Reserved	
Analytical Method	Lab Comments	Specified Analyte	Samples Included		
8290 -- 8290		Total Dioxin/Furans (2378-TCDD TEQs)	SO-UTSP-01-031319-0.5-1 SO-UTSP-02-031319-0.5-1 SO-UTSP-03-031319-0.5-1 <del>SO-UTSP-04-031319-0.5-1</del> <del>SO-UTSP-05-031319-0.5-1</del> <del>SO-UTSP-06-031319-0.5-1</del> SO-UTSP-01-031319-0.5-1-(01) <del>EB-01-031319</del>		



## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: **12257**

Client:	Pioneer Technologies Corporation
Client Project ID:	Port of Olympia
Date Received:	03/15/2019
Time Received:	09:15 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	4
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	774688034265
Shipping Container Received Intact	Yes
Custody seals(s) present?	Yes
Custody seals(s) intact?	Yes
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	No
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	N/A
Anomalies or additional comments:	
5-DAY RUSH TAT!	

Chain of Custody Record

Project Name: Port of Olympia

CHOC Number: 01\_1.1\_E87\_12978\_12032019

Send Results To: waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com		Site Contact: PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com		PIONEER Technologies Corporation. 5205 Corporate Ctr. Court SE, Suite A Lacey, WA 98503 Phone: 360.570.1700 Fax: 360.570.1777 www.uspioneer.com	
Send Invoice To: PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com		Laboratory Information: Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com		CHOC Version: 0.99.05 Copyright © 2003 - 2015, PIONEER Technologies Corp. All Rights Reserved	

Sample Information			Special Lab Instructions Included ==>				Analytes				<== Special Lab Instructions	
Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Leachate Filtered	MS/MSD	8250 - 8290						Comments for Sample
SO-UTSP-01-031319-0-5-1	03/13/2019	00:00	CH									
SO-UTSP-01-031319-0-5-1	03/13/2019	00:00 14:20	CH									
SO-UTSP-01-031319-0-5-1(01)	03/13/2019	00:00 14:25	CH									
SO-UTSP-02-031319-0-5-1	03/13/2019	00:00 14:30	CH									
SO-UTSP-03-031319-0-5-1	03/13/2019	00:00 14:35	CH									
SO-UTSP-04-031319-0-5-1	03/13/2019	00:00	CH									
SO-UTSP-05-031319-0-5-1	03/13/2019	00:00	CH									
SO-UTSP-06-031319-0-5-1	03/13/2019	00:00	CH									
SO-UTSP-07-031319-0-5-1	03/13/2019	00:00	CH									

Cooler (Yes/No):  Yes  
Cooler Temp: 00C

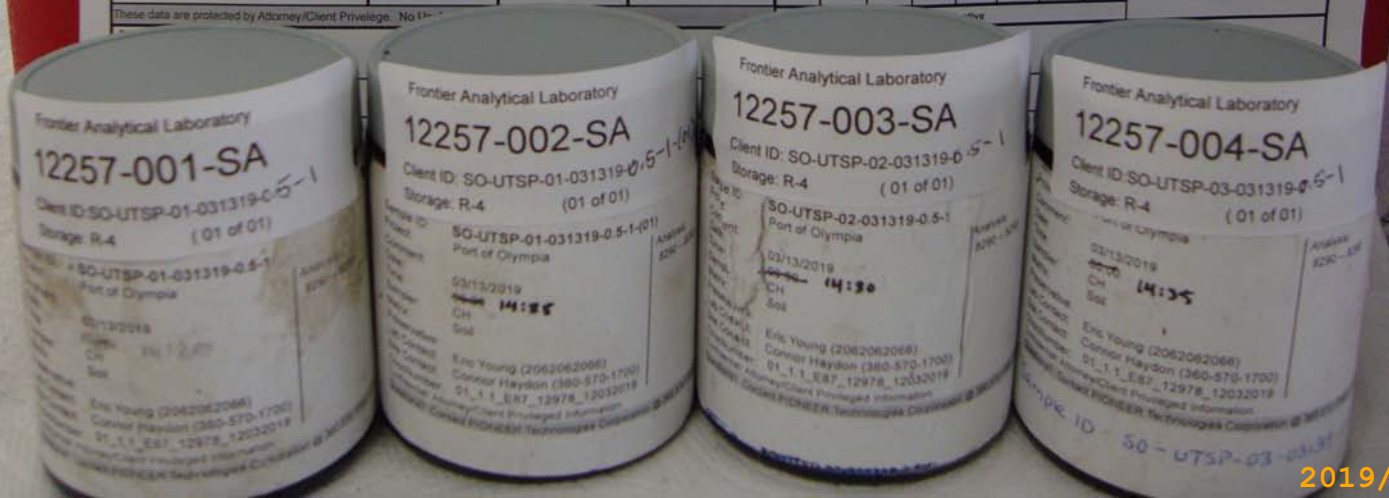
Turnaround Time: 5-day

Hazard Identification: Low

Sample Disposal: Lab to Dispose

Lab Use Only:

These data are protected by Attorney/Client Privilege. No 11-



2019/03/15

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Yelena Aravkina, M.S.  
Michael Erdahl, B.S.  
Arina Podnozova, B.S.  
Eric Young, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

March 25, 2019

Chris Waldron, Project Manager  
Pioneer Technologies Corporation  
5205 Corporate Ctr. Ct. SE, Ste. A  
Lacey, WA 98503

Dear Mr Waldron:

Included are the results from the testing of material submitted on March 15, 2019 from the Westman Mill, F&BI 903287 project. There are 25 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures

c: Connor Haydon, Joel Hecker  
PTC0325R.DOC

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 15, 2019 by Friedman & Bruya, Inc. from the Pioneer Technologies Corporation Westman Mill, F&BI 903287 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Pioneer Technologies Corporation</u>
903287 -01	SO-UTSP-01-031319-0.5-1
903287 -02	SO-UTSP-01-031319-0.5-1-(01)
903287 -03	SO-UTSP-02-031319-0.5-1
903287 -04	SO-UTSP-03-031319-0.5-1

An 8270D internal standard failed the acceptance criteria for sample SO-UTSP-02-031319-0.5-1. The sample was diluted and reanalyzed with acceptable results. Both data sets were reported.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/19  
Date Received: 03/15/19  
Project: Westman Mill, F&BI 903287  
Date Extracted: 03/18/19  
Date Analyzed: 03/18/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SO-UTSP-01-031319-0.5-1 903287-01	<5	82
SO-UTSP-01-031319-0.5-1-(01) 903287-02	<5	79
SO-UTSP-02-031319-0.5-1 903287-03	<5	78
SO-UTSP-03-031319-0.5-1 903287-04	<5	79
Method Blank 09-495 MB	<5	80

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/19  
Date Received: 03/15/19  
Project: Westman Mill, F&BI 903287  
Date Extracted: 03/15/19  
Date Analyzed: 03/15/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis  
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
SO-UTSP-01-031319-0.5-1 903287-01	<50	<250	91
SO-UTSP-01-031319-0.5-1-(01) 903287-02	<50	<250	103
SO-UTSP-02-031319-0.5-1 903287-03	680 x	2,800	93
SO-UTSP-03-031319-0.5-1 903287-04	<50	<250	90
Method Blank 09-604 MB	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -01-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/20/19	Lab ID:	903287-01
Date Analyzed:	03/20/19	Data File:	903287-01.058
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.54
Barium	45.1
Cadmium	<1
Chromium	14.1
Lead	3.31
Mercury	<1
Selenium	<1
Silver	<1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -01-031319-0.5-1-(01)	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/20/19	Lab ID:	903287-02
Date Analyzed:	03/20/19	Data File:	903287-02.059
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.14
Barium	40.1
Cadmium	<1
Chromium	12.4
Lead	3.15
Mercury	<1
Selenium	<1
Silver	<1



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -02-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/20/19	Lab ID:	903287-03
Date Analyzed:	03/20/19	Data File:	903287-03.060
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.83
Barium	55.0
Cadmium	<1
Chromium	12.4
Lead	21.9
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -03-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/20/19	Lab ID:	903287-04
Date Analyzed:	03/20/19	Data File:	903287-04.061
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.81
Barium	44.2
Cadmium	<1
Chromium	12.4
Lead	15.3
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	NA	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/20/19	Lab ID:	I9-186 mb
Date Analyzed:	03/20/19	Data File:	I9-186 mb.042
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-UTSP -01-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-01
Date Analyzed:	03/19/19	Data File:	903287-01.040
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Barium	<1	100
Cadmium	<1	1.0
Chromium	<1	5.0
Lead	<1	5.0
Mercury	<0.1	0.2
Selenium	<1	1.0
Silver	<1	5.0

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-UTSP-01-031319-0.5-1-(01)	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-02
Date Analyzed:	03/21/19	Data File:	903287-02.029
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Barium	<1	100
Cadmium	<1	1.0
Chromium	<1	5.0
Lead	<1	5.0
Mercury	<0.1	0.2
Selenium	<1	1.0
Silver	<1	5.0

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-UTSP-02-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-03
Date Analyzed:	03/21/19	Data File:	903287-03.030
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Barium	<1	100
Cadmium	<1	1.0
Chromium	<1	5.0
Lead	<1	5.0
Mercury	<0.1	0.2
Selenium	<1	1.0
Silver	<1	5.0

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-UTSP-03-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-04
Date Analyzed:	03/21/19	Data File:	903287-04.031
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Barium	<1	100
Cadmium	<1	1.0
Chromium	<1	5.0
Lead	<1	5.0
Mercury	<0.1	0.2
Selenium	<1	1.0
Silver	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	NA	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	I9-181 mb
Date Analyzed:	03/19/19	Data File:	I9-181 mb.030
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Barium	<1	100
Cadmium	<1	1.0
Chromium	<1	5.0
Lead	<1	5.0
Mercury	<0.1	0.2
Selenium	<1	1.0
Silver	<1	5.0



# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -01-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-01 1/5
Date Analyzed:	03/19/19	Data File:	031913.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	89	31	163
Benzo(a)anthracene-d12	106	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -01-031319-0.5-1-(01)	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-02 1/5
Date Analyzed:	03/19/19	Data File:	031914.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	98	31	163
Benzo(a)anthracene-d12	110	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -02-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-03 1/5
Date Analyzed:	03/19/19	Data File:	031915.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	90	31	163
Benzo(a)anthracene-d12	109	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.013
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	0.013
Chrysene	0.016
Benzo(a)pyrene	<0.01 J
Benzo(b)fluoranthene	0.021 J
Benzo(k)fluoranthene	<0.01 J
Indeno(1,2,3-cd)pyrene	<0.01 J
Dibenz(a,h)anthracene	<0.01 J

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -02-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-03 1/50
Date Analyzed:	03/20/19	Data File:	032009.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	142 d	31	163
Benzo(a)anthracene-d12	106 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -03-031319-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/15/19	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	903287-04 1/5
Date Analyzed:	03/19/19	Data File:	031916.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	87	31	163
Benzo(a)anthracene-d12	110	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 903287
Date Extracted:	03/18/19	Lab ID:	09-589 mb 1/5
Date Analyzed:	03/18/19	Data File:	031808.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	88	31	163
Benzo(a)anthracene-d12	103	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/19

Date Received: 03/15/19

Project: Westman Mill, F&BI 903287

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TPH AS GASOLINE  
USING METHOD NWTPH-Gx**

Laboratory Code: 903287-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	85	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/19

Date Received: 03/15/19

Project: Westman Mill, F&BI 903287

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 903301-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	110	114	73-135	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	74-139



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/19

Date Received: 03/15/19

Project: Westman Mill, F&BI 903287

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 903335-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	6.91	99	106	75-125	7
Barium	mg/kg (ppm)	50	40.4	92	94	75-125	2
Cadmium	mg/kg (ppm)	10	<1	97	98	75-125	1
Chromium	mg/kg (ppm)	50	13.0	91	93	75-125	2
Lead	mg/kg (ppm)	50	3.49	97	99	75-125	2
Mercury	mg/kg (ppm)	5	<1	98	103	75-125	5
Selenium	mg/kg (ppm)	5	<1	93	92	75-125	1
Silver	mg/kg (ppm)	10	<1	95	97	75-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	100	80-120
Barium	mg/kg (ppm)	50	104	80-120
Cadmium	mg/kg (ppm)	10	104	80-120
Chromium	mg/kg (ppm)	50	105	80-120
Lead	mg/kg (ppm)	50	107	80-120
Mercury	mg/kg (ppm)	5	92	80-120
Selenium	mg/kg (ppm)	5	105	80-120
Silver	mg/kg (ppm)	10	108	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/19

Date Received: 03/15/19

Project: Westman Mill, F&BI 903287

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF SOIL/SOLID SAMPLES  
FOR TCLP METALS USING  
EPA METHODS 6020B AND 1311**

Laboratory Code: 903287-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	95	93	75-125	2
Barium	mg/L (ppm)	5.0	<1	105	104	75-125	1
Cadmium	mg/L (ppm)	0.5	<1	103	103	75-125	0
Chromium	mg/L (ppm)	2.0	<1	103	101	75-125	2
Lead	mg/L (ppm)	1.0	<1	93	92	75-125	1
Mercury	mg/L (ppm)	1.0	<0.1	96	96	75-125	0
Selenium	mg/L (ppm)	0.5	<1	96	95	75-125	1
Silver	mg/L (ppm)	0.5	<1	83	86	75-125	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	97	80-120
Barium	mg/L (ppm)	5.0	101	80-120
Cadmium	mg/L (ppm)	0.5	100	80-120
Chromium	mg/L (ppm)	2.0	100	80-120
Lead	mg/L (ppm)	1.0	98	80-120
Mercury	mg/L (ppm)	1.0	95	80-120
Selenium	mg/L (ppm)	0.5	98	80-120
Silver	mg/L (ppm)	0.5	92	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/19

Date Received: 03/15/19

Project: Westman Mill, F&BI 903287

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: 903123-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.17	<0.01	75	44-129
2-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	83	45-135
1-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	82	40-141
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.01	87	23-144
Chrysene	mg/kg (ppm)	0.17	<0.01	82	32-149
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	<0.01	95	23-176
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01	94	42-139
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01	91	21-163
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01	89	23-170
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	83	31-146

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	83	84	58-121	1
2-Methylnaphthalene	mg/kg (ppm)	0.17	89	92	58-123	3
1-Methylnaphthalene	mg/kg (ppm)	0.17	88	90	60-124	2
Benz(a)anthracene	mg/kg (ppm)	0.17	95	93	51-115	2
Chrysene	mg/kg (ppm)	0.17	91	91	55-129	0
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	98	101	56-123	3
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	97	98	54-131	1
Benzo(a)pyrene	mg/kg (ppm)	0.17	91	93	51-118	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	90	97	49-148	7
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	90	93	50-141	3

# FRIEDMAN & BRUYA, INC.

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## ENVIRONMENTAL CHEMISTS

### **Data Qualifiers & Definitions**

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

903 287

ME 03-15-19

CHOC Number: 01\_1.1\_E87\_4928\_13032019

VS1/ RT2

Send Results To:  
waldronc@uspioneer.com, HaydonC@uspioneer.com,  
heckerj@uspioneer.com

Site Contact:  
PIONEER  
Connor Haydon  
Phone: 360-570-1700

Patricia Obryper per CH 3/22/19  
Westman Mill per CW 3/24/19  
Email: HaydonC@uspioneer.com

PIONEER Technologies Corporation,  
5205 Corporate Cir. Court SE, Suite A  
Lacey, WA 98503  
Phone: 360.570.1700  
Fax: 360.570.1777  
www.uspioneer.com  
P I O N E E R  
T E C H N O L O G I E S C O R P O R A T I O N

Send Invoice To:  
PIONEER Technologies Corporation  
Chris Waldron  
Phone: 360-570-1700 Email: waldronc@uspioneer.com

Laboratory Information:  
Friedman & Bruya, Inc.  
Eric Young  
Phone: 2062062066

Email: eyoung@friedmanandbruya.com

CHOC Version: 0.99.05  
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Sample ID (Auto Generated)	Lab ID	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Leachate Filtered	MS/MSD	Special Lab Instructions Included ==>				Analytes	Special Lab Instructions		
							6020A - *	Inorganics by p,p,p,p	8270D - *	8270D			NWTPH-D -	NWTPH-D
SO-UTSP-01-031319-0-5-1	01A-E	03/13/2019	00:00	GH			X	X	X	X				
SO-UTSP-01-031319-0-5-1 (01)	02	03/13/2019	00:00	CH			X	X	X	X				*TOTAL & TCEP
SO-UTSP-02-031319-0-5-1	03	03/13/2019	00:00	CH			X	X	X	X				ECRA METALS - PER
SO-UTSP-03-031319-0-5-1	04	03/13/2019	00:00	CH			X	X	X	X				CW 03/15/19
SO-UTSP-04-031319-0-5-1		03/13/2019	00:00	GH			X	X	X	X				* - 2 PARTS w/ Naphthalene
SO-UTSP-05-031319-0-5-1		03/13/2019	00:00	CH			X	X	X	X				03/15/19

These data are protected by Attorney-Client Privilege. No Un-Authorized distribution is allowed.

QA/QC Requirements:

Sampling Event Comments:

Samples received at 3 °C

1. Relinquished By: (Sign and Print) Date/Time: 3/14/19 0800

2. Relinquished By: (Sign and Print) Date/Time: Received By: Elizabeth Webber-Brya 3/15/19 10:25

3. Relinquished By: (Sign and Print) Date/Time:

1. Received By: (Sign and Print) Date/Time:

2. Received By: (Sign and Print) Date/Time:

3. Received By: (Sign and Print) Date/Time:

Stat Form: 01 - 07/24/2015

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Yelena Aravkina, M.S.  
Michael Erdahl, B.S.  
Arina Podnozova, B.S.  
Eric Young, B.S.

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March 27, 2019

Chris Waldron, Project Manager  
Pioneer Technologies Corporation  
5205 Corporate Ctr. Ct. SE, Ste. A  
Lacey, WA 98503

Dear Mr Waldron:

Included are the results from the testing of material submitted on March 19, 2019 from the Westman Mill, F&BI 903335 project. There are 23 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures

c: Connor Haydon, Joel Hecker  
PTC0327R.DOC

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 19, 2019 by Friedman & Bruya, Inc. from the Pioneer Technologies Corporation Westman Mill, F&BI 903335 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Pioneer Technologies Corporation</u>
903335 -01	SO-UTSP-04-031819-0.5-1
903335 -02	SO-UTSP-05-031819-0.5-1
903335 -03	SO-UTSP-06-031819-0.5-1
903335 -04	SO-UTSP-07-031819-0.5-1
903335 -05	SO-UTSP-08-031819-0.5-1

A 6020B internal standard failed the acceptance criteria for samples SO-UTSP-04-031819-0.5-1 and SO-UTSP-06-031819-0.5-1. The samples were diluted and reanalyzed with acceptable results. Both data sets were reported.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/27/19  
Date Received: 03/19/19  
Project: Westman Mill, F&BI 903335  
Date Extracted: 03/20/19  
Date Analyzed: 03/20/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SO-UTSP-04-031819-0.5-1 903335-01	<5	82
SO-UTSP-05-031819-0.5-1 903335-02	<5	80
SO-UTSP-06-031819-0.5-1 903335-03	<5	77
SO-UTSP-07-031819-0.5-1 903335-04	<5	79
SO-UTSP-08-031819-0.5-1 903335-05	<5	75
Method Blank 09-498 MB2	<5	81



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/27/19  
Date Received: 03/19/19  
Project: Westman Mill, F&BI 903335  
Date Extracted: 03/20/19  
Date Analyzed: 03/20/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis  
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> (% Recovery) (Limit 48-168)
SO-UTSP-04-031819-0.5-1 903335-01	610 x	1,500	89
SO-UTSP-05-031819-0.5-1 903335-02	1,200 x	2,000	92
SO-UTSP-06-031819-0.5-1 903335-03	1,800 x	2,900	88
SO-UTSP-07-031819-0.5-1 903335-04	900 x	3,200	78
SO-UTSP-08-031819-0.5-1 903335-05	<50	<250	107
Method Blank 09-623 MB	<50	<250	88

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -04-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-01
Date Analyzed:	03/20/19	Data File:	903335-01.044
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.34
Barium	44.8
Cadmium	<1
Chromium	14.9 J
Lead	12.9
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-04-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-01 x5
Date Analyzed:	03/20/19	Data File:	903335-01 x5.064
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
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Chromium	17.0
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# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -05-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-02
Date Analyzed:	03/20/19	Data File:	903335-02.045
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.18
Barium	37.0
Cadmium	<1
Chromium	12.5
Lead	8.18
Mercury	<1
Selenium	<1
Silver	<1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-06-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-03
Date Analyzed:	03/20/19	Data File:	903335-03.046
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.24
Barium	41.7
Cadmium	<1
Chromium	17.2 J
Lead	9.69
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -06-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-03 x5
Date Analyzed:	03/20/19	Data File:	903335-03 x5.065
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
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Chromium	18.9
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# FRIEDMAN & BRUYA, INC.

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## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -07-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-04
Date Analyzed:	03/20/19	Data File:	903335-04.047
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.67
Barium	32.9
Cadmium	<1
Chromium	10.9
Lead	6.37
Mercury	<1
Selenium	<1
Silver	<1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-08-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-05
Date Analyzed:	03/20/19	Data File:	903335-05.048
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.76
Barium	45.4
Cadmium	<1
Chromium	14.6
Lead	3.92
Mercury	<1
Selenium	<1
Silver	<1



# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	NA	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	I9-186 mb
Date Analyzed:	03/20/19	Data File:	I9-186 mb.042
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -04-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-01 1/5
Date Analyzed:	03/20/19	Data File:	032015.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	90	31	163
Benzo(a)anthracene-d12	108	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	2.0 ve
2-Methylnaphthalene	0.51
1-Methylnaphthalene	0.29
Benz(a)anthracene	0.21
Chrysene	0.17
Benzo(a)pyrene	0.17
Benzo(b)fluoranthene	0.24
Benzo(k)fluoranthene	0.076
Indeno(1,2,3-cd)pyrene	0.043
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -04-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-01 1/50
Date Analyzed:	03/21/19	Data File:	032127.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	133 d	31	163
Benzo(a)anthracene-d12	120 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	2.1
2-Methylnaphthalene	0.52
1-Methylnaphthalene	0.30
Benz(a)anthracene	0.22
Chrysene	0.19
Benzo(a)pyrene	0.17
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -05-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-02 1/5
Date Analyzed:	03/20/19	Data File:	032014.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	87	31	163
Benzo(a)anthracene-d12	104	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.43
2-Methylnaphthalene	0.24
1-Methylnaphthalene	0.16
Benz(a)anthracene	0.11
Chrysene	0.094
Benzo(a)pyrene	0.097
Benzo(b)fluoranthene	0.12
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.022
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -06-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-03 1/50
Date Analyzed:	03/21/19	Data File:	032128.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	125 d	31	163
Benzo(a)anthracene-d12	109 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.18
2-Methylnaphthalene	0.11
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -07-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-04 1/5
Date Analyzed:	03/20/19	Data File:	032013.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	88	31	163
Benzo(a)anthracene-d12	116	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.015
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	0.010
Chrysene	0.016
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -08-031819-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/19/19	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	903335-05 1/5
Date Analyzed:	03/20/19	Data File:	032010.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	92	31	163
Benzo(a)anthracene-d12	106	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 903335
Date Extracted:	03/20/19	Lab ID:	09-619 mb 1/5
Date Analyzed:	03/20/19	Data File:	032006.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	91	31	163
Benzo(a)anthracene-d12	104	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/27/19

Date Received: 03/19/19

Project: Westman Mill, F&BI 903335

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TPH AS GASOLINE  
USING METHOD NWTPH-Gx**

Laboratory Code: 903327-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/27/19

Date Received: 03/19/19

Project: Westman Mill, F&BI 903335

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 903335-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	98	110	73-135	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	106	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/27/19

Date Received: 03/19/19

Project: Westman Mill, F&BI 903335

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 903335-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	6.91	99	106	75-125	7
Barium	mg/kg (ppm)	50	40.4	92	94	75-125	2
Cadmium	mg/kg (ppm)	10	<1	97	98	75-125	1
Chromium	mg/kg (ppm)	50	13.0	91	93	75-125	2
Lead	mg/kg (ppm)	50	3.49	97	99	75-125	2
Mercury	mg/kg (ppm)	5	<1	98	103	75-125	5
Selenium	mg/kg (ppm)	5	<1	93	92	75-125	1
Silver	mg/kg (ppm)	10	<1	95	97	75-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	100	80-120
Barium	mg/kg (ppm)	50	104	80-120
Cadmium	mg/kg (ppm)	10	104	80-120
Chromium	mg/kg (ppm)	50	105	80-120
Lead	mg/kg (ppm)	50	107	80-120
Mercury	mg/kg (ppm)	5	92	80-120
Selenium	mg/kg (ppm)	5	105	80-120
Silver	mg/kg (ppm)	10	108	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/27/19

Date Received: 03/19/19

Project: Westman Mill, F&BI 903335

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: 903335-05 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.17	<0.01	74	44-129
2-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	84	45-135
1-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	82	40-141
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.01	90	23-144
Chrysene	mg/kg (ppm)	0.17	<0.01	84	32-149
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	<0.01	97	23-176
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01	91	42-139
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01	98	21-163
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01	100	23-170
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	94	31-146

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	81	81	58-121	0
2-Methylnaphthalene	mg/kg (ppm)	0.17	91	89	58-123	2
1-Methylnaphthalene	mg/kg (ppm)	0.17	89	88	60-124	1
Benz(a)anthracene	mg/kg (ppm)	0.17	92	94	51-115	2
Chrysene	mg/kg (ppm)	0.17	89	89	55-129	0
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	100	100	56-123	0
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	99	98	54-131	1
Benzo(a)pyrene	mg/kg (ppm)	0.17	94	97	51-118	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	112	116	49-148	4
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	107	115	50-141	7

**Data Qualifiers & Definitions**

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

903335

ME 03-19-19

CHOC Number: 01\_1\_1\_E87\_78066\_18032019

MS/MSD

Send Results To:  
 waldronc@uspioneer.com, HaydonC@uspioneer.com,  
 heckerrf@uspioneer.com

Send Invoice To:  
 PIONEER Technologies Corporation  
 Chris Waldron  
 Phone: 360-570-1700 Email: waldronc@uspioneer.com

Site Contact:  
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 Connor Haydon  
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 PIONEER TECHNOLOGIC CORPORATION  
 CHOC Version: 0.99.05  
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Sample Information

Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Special Lab Instructions Included =>			Analytes						Special Lab Instructions Comments for Sample				
				Leachate	Filtered	MS/MSD	1311 - TCLP	RCRA 8	8270D - 8270D	NWTPH-D - NWTPH-D	NWTPH-Gx - NWTPH-Gx						
SO-UTSP-04-031819-0.5-1	03/18/2019	13:00	CH				X	X	X	X	X						
SO-UTSP-05-031819-0.5-1	03/18/2019	13:05	CH				X	X	X	X	X						
SO-UTSP-06-031819-0.5-1	03/18/2019	13:10	CH				X	X	X	X	X						
SO-UTSP-07-031819-0.5-1	03/18/2019	13:15	CH				X	X	X	X	X						
SO-UTSP-08-031819-0.5-1	03/18/2019	13:20	CH				X	X	X	X	X						

Cooler (Yes/No):	Turnaround Time:	Hazard Identification:	Sample Disposal:	None	None	Preservative	Lab Use Only:
Yes	3 5-day	Low	Lab to Dispose				

These data are protected by Attorney/Client Privilege. No Un-Authorized distribution is allowed.

Preservative

Sampling Event Comments:

1. Relinquished By: (Sign and Print) *Connor Haydon* Date/Time: *3/18/19 3:30*

2. Relinquished By: (Sign and Print) *Eric Young* Date/Time: *3/19/19 09:10*

3. Relinquished By: (Sign and Print) *Dylan Pham* Date/Time: *3/19/19 09:10*

March 26, 2019

**FAL Project: 12260**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12260**. This corresponds to your **Port of Olympia** project. Five soil samples were received on 3/19/2019 in good condition. These samples were extracted and analyzed by EPA Method 8290 for tetra through octa chlorinated dibenzo dioxins and furans. The Toxic Equivalency (TEQ) for your samples has been calculated using the 2005 World Health Organization's (WHO's) toxic equivalency factors (TEFs). The TEQ value is located in the upper right hand portion of each sample data sheet. A **RUSH** turnaround time of five business days was provided for project **12260**.

Please note that due to high levels of hexa chlorinated dibenzo dioxins (HxCDD), hepta chlorinated dibenzo dioxins (HpCDD), octa chlorinated dibenzo dioxin (OCDD), hepta chloro dibenzo furan (HpCDF) and octa chlorinated dibenzo furan (OCDF), samples 12260-001-SA, 12260-002-SA and 12260-003-SA (Pioneer Technologies Corp. Sample IDs: SO-UTSP-04-031819-0.5-1, SO-UTSP-05-031819-0.5-1 and SO-UTSP-06-031819-0.5-1 respectively) had to be diluted and reanalyzed. All results taken from dilutions have been noted with the "\*" qualifier.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the samples referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12260**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Thomas C. Crabtree  
Director

## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12260

Received on: 03/19/2019

Project Due: 03/27/2019 Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12260-001-SA	0	Port of Olympia	SO-UTSP-04-031819-0.5-1	EPA 8290 D/F	Soil	03/18/2019	01:00 pm	04/17/2019
12260-002-SA	0	Port of Olympia	SO-UTSP-05-031819-0.5-1	EPA 8290 D/F	Soil	03/18/2019	01:05 pm	04/17/2019
12260-003-SA	0	Port of Olympia	SO-UTSP-06-031819-0.5-1	EPA 8290 D/F	Soil	03/18/2019	01:10 pm	04/17/2019
12260-004-SA	0	Port of Olympia	SO-UTSP-07-031819-0.5-1	EPA 8290 D/F	Soil	03/18/2019	01:15 pm	04/17/2019
12260-005-SA	0	Port of Olympia	SO-UTSP-08-031819-0.5-1	EPA 8290 D/F	Soil	03/18/2019	01:20 pm	04/17/2019



EPA Method 8290  
PCDD/F



FAL ID: 12260-001-MB  
Client ID: Method Blank  
Matrix: Soil  
Batch No: X4833

Date Extracted: 03-19-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-20-2019  
2005 WHO TEQ: 0.0  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.161		-	0.0331				
1,2,3,7,8-PeCDD	ND	0.286		-	0.0536				
1,2,3,4,7,8-HxCDD	ND	0.495		-	0.0540				
1,2,3,6,7,8-HxCDD	ND	0.481		-	0.0538	Total TCDD	ND	0.161	
1,2,3,7,8,9-HxCDD	ND	0.468		-	0.0518	Total PeCDD	ND	0.286	
1,2,3,4,6,7,8-HpCDD	ND	0.725		-	0.0695	Total HxCDD	ND	0.495	
OCDD	ND	1.39		-	0.116	Total HpCDD	ND	0.725	
2,3,7,8-TCDF	ND	0.174		-	0.0345				
1,2,3,7,8-PeCDF	ND	0.250		-	0.0417				
2,3,4,7,8-PeCDF	ND	0.277		-	0.0449				
1,2,3,4,7,8-HxCDF	ND	0.280		-	0.0351				
1,2,3,6,7,8-HxCDF	ND	0.309		-	0.0382				
2,3,4,6,7,8-HxCDF	ND	0.351		-	0.0379				
1,2,3,7,8,9-HxCDF	ND	0.509		-	0.0423	Total TCDF	ND	0.174	
1,2,3,4,6,7,8-HpCDF	ND	0.428		-	0.0415	Total PeCDF	ND	0.277	
1,2,3,4,7,8,9-HpCDF	ND	0.622		-	0.0532	Total HxCDF	ND	0.509	
OCDF	ND	0.954		-	0.0833	Total HpCDF	ND	0.622	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	89.8	40.0 - 135	
13C-1,2,3,7,8-PeCDD	79.2	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	78.5	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	83.7	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	74.3	40.0 - 135	
13C-OCDD	52.9	40.0 - 135	
13C-2,3,7,8-TCDF	89.4	40.0 - 135	
13C-1,2,3,7,8-PeCDF	78.7	40.0 - 135	
13C-2,3,4,7,8-PeCDF	77.3	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	106	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	106	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	96.9	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	90.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	89.9	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	85.3	40.0 - 135	
13C-OCDF	64.5	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	78.8	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12260-001-OPR  
Client ID: OPR  
Matrix: Soil  
Batch No: X4833


Date Extracted: 03-19-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: ng/ml

Acquired: 03-20-2019  
2005 WHO TEQ: NA

Compound	Conc	QC Limits	Qual
2,3,7,8-TCDD	9.10	7.00 - 13.0	
1,2,3,7,8-PeCDD	47.3	35.0 - 65.0	
1,2,3,4,7,8-HxCDD	49.7	35.0 - 65.0	
1,2,3,6,7,8-HxCDD	50.5	35.0 - 65.0	
1,2,3,7,8,9-HxCDD	49.1	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDD	48.0	35.0 - 65.0	
OCDD	97.3	70.0 - 130	
2,3,7,8-TCDF	9.34	7.00 - 13.0	
1,2,3,7,8-PeCDF	48.3	35.0 - 65.0	
2,3,4,7,8-PeCDF	49.4	35.0 - 65.0	
1,2,3,4,7,8-HxCDF	46.2	35.0 - 65.0	
1,2,3,6,7,8-HxCDF	47.6	35.0 - 65.0	
2,3,4,6,7,8-HxCDF	47.4	35.0 - 65.0	
1,2,3,7,8,9-HxCDF	48.1	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDF	49.0	35.0 - 65.0	
1,2,3,4,7,8,9-HpCDF	49.4	35.0 - 65.0	
OCDF	92.8	70.0 - 130	
Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	89.7	40.0 - 135	
13C-1,2,3,7,8-PeCDD	82.1	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	85.2	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	89.8	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	78.6	40.0 - 135	
13C-OCDD	54.4	40.0 - 135	
13C-2,3,7,8-TCDF	90.9	40.0 - 135	
13C-1,2,3,7,8-PeCDF	82.4	40.0 - 135	
13C-2,3,4,7,8-PeCDF	81.1	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	110	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	109	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	101	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	95.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	92.7	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	90.0	40.0 - 135	
13C-OCDF	66.4	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	84.6	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12260-001-SA  
Client ID: SO-UTSP-04-031819-0.5-1  
Matrix: Soil  
Batch No: X4833

Date Extracted: 03-19-2019  
Date Received: 03-19-2019  
Amount: 3.03 g  
% Solids: 89.47


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-21-2019  
2005 WHO TEQ: 708  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.693	-	J	0.693	0.0331				
1,2,3,7,8-PeCDD	1.86	-	J	1.86	0.0536				
1,2,3,4,7,8-HxCDD	16.7	-		1.67	0.0540				
1,2,3,6,7,8-HxCDD	605	-		60.5	0.0538	Total TCDD	127	-	
1,2,3,7,8,9-HxCDD	66.4	-		6.64	0.0518	Total PeCDD	606	-	
1,2,3,4,6,7,8-HpCDD	18800	-	*	188	0.0695	Total HxCDD	3400	-	
OCDD	181000	-	*	54.3	0.116	Total HpCDD	32600	-	*
2,3,7,8-TCDF	8.72	-	F	0.872	0.0345				
1,2,3,7,8-PeCDF	35.2	-		1.06	0.0417				
2,3,4,7,8-PeCDF	389	-		117	0.0449				
1,2,3,4,7,8-HxCDF	1250	-		125	0.0351				
1,2,3,6,7,8-HxCDF	195	-		19.5	0.0382				
2,3,4,6,7,8-HxCDF	281	-		28.1	0.0379				
1,2,3,7,8,9-HxCDF	230	-		23.0	0.0423	Total TCDF	256	-	D,M
1,2,3,4,6,7,8-HpCDF	6540	-	*	65.4	0.0415	Total PeCDF	2140	-	D,M
1,2,3,4,7,8,9-HpCDF	503	-		5.03	0.0532	Total HxCDF	10800	-	D,M
OCDF	32600	-	*	9.78	0.0833	Total HpCDF	30200	-	*

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	108	40.0 - 135	
13C-1,2,3,7,8-PeCDD	107	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	89.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	91.0	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	105	40.0 - 135	*
13C-OCDD	103	40.0 - 135	*
13C-2,3,7,8-TCDF	92.4	40.0 - 135	
13C-1,2,3,7,8-PeCDF	90.6	40.0 - 135	
13C-2,3,4,7,8-PeCDF	89.5	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	127	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	127	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	123	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	107	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	114	40.0 - 135	*
13C-1,2,3,4,7,8,9-HpCDF	113	40.0 - 135	*
13C-OCDF	107	40.0 - 135	*
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	101	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12260-002-SA  
Client ID: SO-UTSP-05-031819-0.5-1  
Matrix: Soil  
Batch No: X4833

Date Extracted: 03-19-2019  
Date Received: 03-19-2019  
Amount: 5.12 g  
% Solids: 90.34


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-21-2019  
2005 WHO TEQ: 117  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.480	-	J	0.480	0.0331				
1,2,3,7,8-PeCDD	1.56	-	J	1.56	0.0536				
1,2,3,4,7,8-HxCDD	4.10	-	J	0.410	0.0540				
1,2,3,6,7,8-HxCDD	128	-		12.8	0.0538	Total TCDD	18.4	-	
1,2,3,7,8,9-HxCDD	15.1	-		1.51	0.0518	Total PeCDD	73.8	-	
1,2,3,4,6,7,8-HpCDD	3630	-		36.3	0.0695	Total HxCDD	508	-	
OCDD	34100	-	*	10.2	0.116	Total HpCDD	6300	-	
2,3,7,8-TCDF	1.71	-		0.171	0.0345				
1,2,3,7,8-PeCDF	4.88	-		0.146	0.0417				
2,3,4,7,8-PeCDF	45.1	-		13.5	0.0449				
1,2,3,4,7,8-HxCDF	143	-		14.3	0.0351				
1,2,3,6,7,8-HxCDF	25.4	-		2.54	0.0382				
2,3,4,6,7,8-HxCDF	36.5	-		3.65	0.0379				
1,2,3,7,8,9-HxCDF	24.3	-		2.43	0.0423	Total TCDF	44.8	-	D,M
1,2,3,4,6,7,8-HpCDF	1350	-		13.5	0.0415	Total PeCDF	261	-	D,M
1,2,3,4,7,8,9-HpCDF	78.7	-		0.787	0.0532	Total HxCDF	1590	-	D,M
OCDF	9450	-	*	2.84	0.0833	Total HpCDF	7230	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	102	40.0 - 135	
13C-1,2,3,7,8-PeCDD	89.6	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	92.3	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	92.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	94.1	40.0 - 135	
13C-OCDD	88.5	40.0 - 135	*
13C-2,3,7,8-TCDF	99.3	40.0 - 135	
13C-1,2,3,7,8-PeCDF	93.4	40.0 - 135	
13C-2,3,4,7,8-PeCDF	93.2	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	107	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	107	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	110	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	102	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	105	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	106	40.0 - 135	
13C-OCDF	94.1	40.0 - 135	*
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	91.9	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12260-003-SA  
Client ID: SO-UTSP-06-031819-0.5-1  
Matrix: Soil  
Batch No: X4833

Date Extracted: 03-19-2019  
Date Received: 03-19-2019  
Amount: 5.30 g  
% Solids: 91.18


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-21-2019  
2005 WHO TEQ: 62.7  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.168		-	0.0331				
1,2,3,7,8-PeCDD	0.917	-	J	0.917	0.0536				
1,2,3,4,7,8-HxCDD	2.52	-	J	0.252	0.0540				
1,2,3,6,7,8-HxCDD	79.9	-		7.99	0.0538	Total TCDD	10.1	-	
1,2,3,7,8,9-HxCDD	10.1	-		1.01	0.0518	Total PeCDD	52.9	-	
1,2,3,4,6,7,8-HpCDD	2210	-		22.1	0.0695	Total HxCDD	346	-	
OCDD	19800	-	*	5.94	0.116	Total HpCDD	3810	-	
2,3,7,8-TCDF	0.794	-	J	0.0794	0.0345				
1,2,3,7,8-PeCDF	1.92	-	J	0.0576	0.0417				
2,3,4,7,8-PeCDF	16.6	-		4.98	0.0449				
1,2,3,4,7,8-HxCDF	49.6	-		4.96	0.0351				
1,2,3,6,7,8-HxCDF	8.95	-		0.895	0.0382				
2,3,4,6,7,8-HxCDF	17.8	-		1.78	0.0379				
1,2,3,7,8,9-HxCDF	9.12	-		0.912	0.0423	Total TCDF	30.3	-	D,M
1,2,3,4,6,7,8-HpCDF	849	-		8.49	0.0415	Total PeCDF	116	-	D,M
1,2,3,4,7,8,9-HpCDF	40.2	-		0.402	0.0532	Total HxCDF	875	-	D,M
OCDF	6340	-		1.90	0.0833	Total HpCDF	4820	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	95.2	40.0 - 135	
13C-1,2,3,7,8-PeCDD	86.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	89.4	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	92.0	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	93.6	40.0 - 135	
13C-OCDD	74.5	40.0 - 135	*
13C-2,3,7,8-TCDF	90.1	40.0 - 135	
13C-1,2,3,7,8-PeCDF	83.3	40.0 - 135	
13C-2,3,4,7,8-PeCDF	86.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	111	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	110	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	109	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	101	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	105	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	105	40.0 - 135	
13C-OCDF	85.3	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	84.7	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12260-004-SA  
Client ID: SO-UTSP-07-031819-0.5-1  
Matrix: Soil  
Batch No: X4833

Date Extracted: 03-19-2019  
Date Received: 03-19-2019  
Amount: 5.19 g  
% Solids: 91.08


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-21-2019  
2005 WHO TEQ: 20.3  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.164		-	0.0331				
1,2,3,7,8-PeCDD	0.857	-	J	0.857	0.0536				
1,2,3,4,7,8-HxCDD	1.47	-	J	0.147	0.0540				
1,2,3,6,7,8-HxCDD	27.1	-		2.71	0.0538	Total TCDD	3.66	-	
1,2,3,7,8,9-HxCDD	4.52	-	J	0.452	0.0518	Total PeCDD	10.8	-	
1,2,3,4,6,7,8-HpCDD	647	-		6.47	0.0695	Total HxCDD	98.8	-	
OCDD	5060	-		1.52	0.116	Total HpCDD	1050	-	
2,3,7,8-TCDF	0.707	-	J	0.0707	0.0345				
1,2,3,7,8-PeCDF	0.863	-	J	0.0259	0.0417				
2,3,4,7,8-PeCDF	6.26	-		1.88	0.0449				
1,2,3,4,7,8-HxCDF	15.1	-		1.51	0.0351				
1,2,3,6,7,8-HxCDF	3.63	-	J	0.363	0.0382				
2,3,4,6,7,8-HxCDF	5.21	-		0.521	0.0379				
1,2,3,7,8,9-HxCDF	4.06	-	J	0.406	0.0423	Total TCDF	35.9	-	D,M
1,2,3,4,6,7,8-HpCDF	271	-		2.71	0.0415	Total PeCDF	54.6	-	D,M
1,2,3,4,7,8,9-HpCDF	12.5	-		0.125	0.0532	Total HxCDF	264	-	D,M
OCDF	1760	-		0.528	0.0833	Total HpCDF	1380	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	100	40.0 - 135	
13C-1,2,3,7,8-PeCDD	93.3	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	88.0	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	91.5	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	98.1	40.0 - 135	
13C-OCDD	79.9	40.0 - 135	
13C-2,3,7,8-TCDF	103	40.0 - 135	
13C-1,2,3,7,8-PeCDF	96.0	40.0 - 135	
13C-2,3,4,7,8-PeCDF	98.0	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	115	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	115	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	116	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	113	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	110	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	112	40.0 - 135	
13C-OCDF	93.1	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	92.2	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12260-005-SA  
Client ID: SO-UTSP-08-031819-0.5-1  
Matrix: Soil  
Batch No: X4833

Date Extracted: 03-19-2019  
Date Received: 03-19-2019  
Amount: 5.04 g  
% Solids: 91.16


ICal: PCDDFAL3-12-3-18  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-21-2019  
2005 WHO TEQ: 22.9  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.225		-	0.0331				
1,2,3,7,8-PeCDD	3.18	-	J	3.18	0.0536				
1,2,3,4,7,8-HxCDD	2.21	-	J	0.221	0.0540				
1,2,3,6,7,8-HxCDD	46.4	-		4.64	0.0538	Total TCDD	8.57	-	
1,2,3,7,8,9-HxCDD	29.7	-		2.97	0.0518	Total PeCDD	30.6	-	
1,2,3,4,6,7,8-HpCDD	326	-		3.26	0.0695	Total HxCDD	226	-	
OCDD	2690	-		0.807	0.116	Total HpCDD	604	-	
2,3,7,8-TCDF	0.514	-	J	0.0514	0.0345				
1,2,3,7,8-PeCDF	0.997	-	J	0.0299	0.0417				
2,3,4,7,8-PeCDF	2.79	-	J	0.837	0.0449				
1,2,3,4,7,8-HxCDF	6.23	-		0.623	0.0351				
1,2,3,6,7,8-HxCDF	3.53	-	J	0.353	0.0382				
2,3,4,6,7,8-HxCDF	7.04	-		0.704	0.0379				
1,2,3,7,8,9-HxCDF	2.59	-	J	0.259	0.0423	Total TCDF	9.03	-	
1,2,3,4,6,7,8-HpCDF	479	-		4.79	0.0415	Total PeCDF	57.5	-	
1,2,3,4,7,8,9-HpCDF	4.93	-	J	0.0493	0.0532	Total HxCDF	397	-	D,M
OCDF	294	-		0.0882	0.0833	Total HpCDF	946	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	63.3	40.0 - 135	
13C-1,2,3,7,8-PeCDD	62.7	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	69.7	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	73.4	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	72.4	40.0 - 135	
13C-OCDD	56.6	40.0 - 135	
13C-2,3,7,8-TCDF	63.5	40.0 - 135	
13C-1,2,3,7,8-PeCDF	62.0	40.0 - 135	
13C-2,3,4,7,8-PeCDF	64.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	85.7	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	87.1	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	86.9	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	82.0	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	85.3	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	84.7	40.0 - 135	
13C-OCDF	66.3	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	87.5	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019



Reviewed By:   
Date: 3/26/2019





Special Instructions for Laboratory

CHOC Number: 01\_1.1\_E87\_51535\_18032019

<b>Send Results To:</b> waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com		<b>Site Contact:</b> PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com		PIONEER Technologies Corporation. 5205 Corporate Ctr. Court SE, Suite A Lacey, WA 98503  Phone: 360.570.1700 Fax: 360.570.1777 	
<b>Send Invoice To:</b> PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com		<b>Laboratory Information:</b> Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com		CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corporation All Rights Reserved	
Analytical Method	Lab Comments	Specified Analyte	Samples Included		
8290 -- 8290		Total Dioxin/Furans (2378-TCDD TEQs)	SO-UTSP-04-031819-0.5-1 SO-UTSP-05-031819-0.5-1 SO-UTSP-06-031819-0.5-1 SO-UTSP-07-031819-0.5-1 SO-UTSP-08-031819-0.5-1		

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12260

Client:	Pioneer Technologies Corporation
Client Project ID:	Port of Olympia
Date Received:	03/19/2019
Time Received:	09:20 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	5
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	774731546428
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	No
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	N/A
Anomalies or additional comments:	
RUSH 5-DAY TAT.	

Chain of Custody Record

Port of Olympia

12260  
0°C

CHOC Number: 01\_1\_1\_E87\_51535\_18032019

Send Results To: waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com		Site Contact: PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com		PIONEER Technologies Corporation, 5204 Corporate Ct. Court SE, Suite A, Lacey, WA 98503 Phone: 360-570-1700 Fax: 360-570-1777 www.uspioneer.com		
Send Invoice To: PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com		Laboratory Information: Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com		 CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corp. All Rights Reserved		
Sample Information		Special Lab Instructions included =>			Analytes	
Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Leachate Filtered	MS/MSD E290 - E295	Special Lab Instructions
SO-UTSP-04-031819-0.5-1	03/18/2019	13:00	CH		X	
SO-UTSP-05-031819-0.5-1	03/18/2019	13:05	CH		X	
SO-UTSP-06-031819-0.5-1	03/18/2019	13:10	CH		X	
SO-UTSP-07-031819-0.5-1	03/18/2019	13:15	CH		X	
SO-UTSP-08-031819-0.5-1	03/18/2019	13:20	CH		X	
Cooler (Yes/No): Cooler Temp: 0°C						
Turnaround Time: 5-day		Hazard Identification: Low		Sample Disposed: Lab to Dispose		Lab Use Only



2019/03/19

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Yelena Aravkina, M.S.  
Michael Erdahl, B.S.  
Arina Podnozova, B.S.  
Eric Young, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

March 29, 2019

Chris Waldron, Project Manager  
Pioneer Technologies Corporation  
5205 Corporate Ctr. Ct. SE, Ste. A  
Olympia, WA 98503

Dear Mr Waldron:

Included are the results from the testing of material submitted on March 21, 2019 from the Westman Mill, F&BI 903391 project. There are 32 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures

c: Connor Haydon, Joel Hecker  
PTC0329R.DOC

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 21, 2019 by Friedman & Bruya, Inc. from the Pioneer Technologies Corporation Westman Mill, F&BI 903391 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Pioneer Technologies Corporation</u>
903391 -01	EB-01-032019
903391 -02	SO-UTSP-09-032019-0.5-1
903391 -03	SO-UTSP-10-032019-0.5-1
903391 -04	SO-UTSP-11-032019-0.5-1
903391 -05	SO-UTSP-12-032019-0.5-1
903391 -06	SO-UTSP-13-032019-0.5-1

Sample EB-01-032019 was received with headspace present in the sample. The data were flagged accordingly.

An 8270D soil internal standard failed the acceptance criteria for samples SO-UTSP-09-032019-0.5-1 and SO-UTSP-13-032019-0.5-1. The samples were diluted and reanalyzed with acceptable results. Both data sets were reported.

The 8270D water laboratory control sample and laboratory control sample duplicate failed the relative percent difference for indeno(1,2,3-cd)pyrene. The analyte was not detected therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19  
Date Received: 03/21/19  
Project: Westman Mill, F&BI 903391  
Date Extracted: 03/22/19  
Date Analyzed: 03/22/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SO-UTSP-09-032019-0.5-1 903391-02	<5	79
SO-UTSP-10-032019-0.5-1 903391-03	<5	81
SO-UTSP-11-032019-0.5-1 903391-04	<5	82
SO-UTSP-12-032019-0.5-1 903391-05	<5	80
SO-UTSP-13-032019-0.5-1 903391-06	<5	80
Method Blank 09-503 MB	<5	80

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19  
Date Received: 03/21/19  
Project: Westman Mill, F&BI 903391  
Date Extracted: 03/21/19  
Date Analyzed: 03/21/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate <u>(% Recovery)</u> (Limit 51-134)
EB-01-032019 hs 903391-01 1/5	<500	93
Method Blank 09-496 MB	<100	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19  
Date Received: 03/21/19  
Project: Westman Mill, F&BI 903391  
Date Extracted: 03/22/19  
Date Analyzed: 03/22/19

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-Dx**  
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> (% Recovery) (Limit 47-140)
EB-01-032019 903391-01 1/2	<100	<500	112
Method Blank 09-645 MB	<50	<250	104



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19  
Date Received: 03/21/19  
Project: Westman Mill, F&BI 903391  
Date Extracted: 03/21/19  
Date Analyzed: 03/21/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis  
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
SO-UTSP-09-032019-0.5-1 903391-02	<50	<250	111
SO-UTSP-10-032019-0.5-1 903391-03	<50	310	112
SO-UTSP-11-032019-0.5-1 903391-04	<50	<250	107
SO-UTSP-12-032019-0.5-1 903391-05	120 x	<250	111
SO-UTSP-13-032019-0.5-1 903391-06	670 x	2,800	108
Method Blank 09-643 MB	<50	<250	112

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	EB-01-032019	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/26/19	Lab ID:	903391-01 1/2
Date Analyzed:	03/27/19	Data File:	032712.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	95	31	160
Benzo(a)anthracene-d12	109	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.4
2-Methylnaphthalene	<0.4
1-Methylnaphthalene	<0.4
Benz(a)anthracene	<0.04
Chrysene	<0.04
Benzo(a)pyrene	<0.04
Benzo(b)fluoranthene	<0.04
Benzo(k)fluoranthene	<0.04
Indeno(1,2,3-cd)pyrene	<0.04
Dibenz(a,h)anthracene	<0.04

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/27/19	Lab ID:	09-650 mb2
Date Analyzed:	03/27/19	Data File:	032709.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	31	160
Benzo(a)anthracene-d12	106	25	165

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.2
2-Methylnaphthalene	<0.2
1-Methylnaphthalene	<0.2
Benz(a)anthracene	<0.02
Chrysene	<0.02
Benzo(a)pyrene	<0.02
Benzo(b)fluoranthene	<0.02
Benzo(k)fluoranthene	<0.02
Indeno(1,2,3-cd)pyrene	<0.02
Dibenz(a,h)anthracene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -09-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-02 1/5
Date Analyzed:	03/22/19	Data File:	032209.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	98	31	163
Benzo(a)anthracene-d12	109	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01 J
Benzo(b)fluoranthene	0.011 J
Benzo(k)fluoranthene	<0.01 J
Indeno(1,2,3-cd)pyrene	<0.01 J
Dibenz(a,h)anthracene	<0.01 J

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -09-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-02 1/50
Date Analyzed:	03/22/19	Data File:	032134.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	155 d	31	163
Benzo(a)anthracene-d12	119 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-10-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-03 1/5
Date Analyzed:	03/22/19	Data File:	032205.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	95	31	163
Benzo(a)anthracene-d12	109	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	0.022
Chrysene	0.027
Benzo(a)pyrene	0.025
Benzo(b)fluoranthene	0.032
Benzo(k)fluoranthene	0.013
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-11-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-04 1/5
Date Analyzed:	03/22/19	Data File:	032206.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	99	31	163
Benzo(a)anthracene-d12	116	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	0.010
Benzo(a)pyrene	0.014
Benzo(b)fluoranthene	0.023
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-12-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-05 1/5
Date Analyzed:	03/22/19	Data File:	032207.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	94	31	163
Benzo(a)anthracene-d12	114	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	0.012
Benzo(a)pyrene	0.011
Benzo(b)fluoranthene	0.017
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-13-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-06 1/5
Date Analyzed:	03/22/19	Data File:	032208.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	96	31	163
Benzo(a)anthracene-d12	128	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	0.016
Chrysene	0.056
Benzo(a)pyrene	<0.01 J
Benzo(b)fluoranthene	0.030 J
Benzo(k)fluoranthene	<0.01 J
Indeno(1,2,3-cd)pyrene	<0.01 J
Dibenz(a,h)anthracene	<0.01 J

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -13-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-06 1/50
Date Analyzed:	03/21/19	Data File:	032130.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	140 d	31	163
Benzo(a)anthracene-d12	128 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	09-644 mb 1/5
Date Analyzed:	03/21/19	Data File:	032122.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	101	31	163
Benzo(a)anthracene-d12	113	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	EB-01-032019	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/22/19	Lab ID:	903391-01
Date Analyzed:	03/22/19	Data File:	903391-01.043
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	1.12
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	NA	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/22/19	Lab ID:	I9-191 mb
Date Analyzed:	03/22/19	Data File:	I9-191 mb.037
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -09-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-02
Date Analyzed:	03/22/19	Data File:	903391-02.030
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.11
Barium	42.1
Cadmium	<1
Chromium	13.6
Lead	6.26
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-10-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-03
Date Analyzed:	03/22/19	Data File:	903391-03.031
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.98
Barium	55.8
Cadmium	<1
Chromium	13.7
Lead	63.0
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -11-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-04
Date Analyzed:	03/22/19	Data File:	903391-04.032
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	13.4
Barium	48.7
Cadmium	<1
Chromium	18.2
Lead	8.77
Mercury	<1
Selenium	<1
Silver	<1



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-12-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-05
Date Analyzed:	03/22/19	Data File:	903391-05.033
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.15
Barium	49.6
Cadmium	<1
Chromium	16.6
Lead	159
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-13-032019-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/21/19	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	903391-06
Date Analyzed:	03/22/19	Data File:	903391-06.034
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.63
Barium	46.9
Cadmium	<1
Chromium	16.8
Lead	9.93
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	NA	Project:	Westman Mill, F&BI 903391
Date Extracted:	03/21/19	Lab ID:	I9-188 mb
Date Analyzed:	03/21/19	Data File:	I9-188 mb.049
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TPH AS GASOLINE  
USING METHOD NWTPH-Gx**

Laboratory Code: 903403-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	110	110	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR TPH AS GASOLINE  
USING METHOD NWTPH-Gx**

Laboratory Code: 903377-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	100	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	104	108	61-133	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 903391-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	100	124	114	63-146	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: Laboratory Control Sample 1/0.25

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	ug/L (ppb)	0.25	88	90	67-116	2
2-Methylnaphthalene	ug/L (ppb)	0.25	90	93	63-122	3
1-Methylnaphthalene	ug/L (ppb)	0.25	90	92	65-122	2
Benz(a)anthracene	ug/L (ppb)	0.25	98	100	60-118	2
Chrysene	ug/L (ppb)	0.25	92	97	66-125	5
Benzo(b)fluoranthene	ug/L (ppb)	0.25	100	102	55-135	2
Benzo(k)fluoranthene	ug/L (ppb)	0.25	102	101	62-125	1
Benzo(a)pyrene	ug/L (ppb)	0.25	100	106	58-127	6
Indeno(1,2,3-cd)pyrene	ug/L (ppb)	0.25	88	111	36-142	23 vo
Dibenz(a,h)anthracene	ug/L (ppb)	0.25	80	95	37-133	17



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: 903391-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.17	<0.01	79	44-129
2-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	84	45-135
1-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	85	40-141
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.01	92	23-144
Chrysene	mg/kg (ppm)	0.17	<0.01	82	32-149
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	0.0096 J	130 J	23-176
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01 J	126 J	42-139
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01 J	103 J	21-163
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01 J	42 J	23-170
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01 J	42 J	31-146

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	86	89	58-121	3
2-Methylnaphthalene	mg/kg (ppm)	0.17	90	94	58-123	4
1-Methylnaphthalene	mg/kg (ppm)	0.17	91	94	60-124	3
Benz(a)anthracene	mg/kg (ppm)	0.17	94	99	51-115	5
Chrysene	mg/kg (ppm)	0.17	93	96	55-129	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	96	96	56-123	0
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	101	101	54-131	0
Benzo(a)pyrene	mg/kg (ppm)	0.17	95	97	51-118	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	100	112	49-148	11
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	100	110	50-141	10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 903377-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	1.67	108	107	75-125	1
Barium	ug/L (ppb)	50	105	93	93	75-125	0
Cadmium	ug/L (ppb)	5	<1	99	99	75-125	0
Chromium	ug/L (ppb)	20	<1	106	104	75-125	2
Lead	ug/L (ppb)	10	<1	85	84	75-125	1
Mercury	ug/L (ppb)	5	<1	93	93	75-125	0
Selenium	ug/L (ppb)	5	1.03	111	112	75-125	1
Silver	ug/L (ppb)	5	<1	101	102	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	97	80-120
Barium	ug/L (ppb)	50	97	80-120
Cadmium	ug/L (ppb)	5	97	80-120
Chromium	ug/L (ppb)	20	100	80-120
Lead	ug/L (ppb)	10	99	80-120
Mercury	ug/L (ppb)	5	100	80-120
Selenium	ug/L (ppb)	5	99	80-120
Silver	ug/L (ppb)	5	99	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/29/19

Date Received: 03/21/19

Project: Westman Mill, F&BI 903391

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 903351-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	1.97	103	100	75-125	3
Barium	mg/kg (ppm)	50	30.6	100	99	75-125	1
Cadmium	mg/kg (ppm)	10	<1	106	104	75-125	2
Chromium	mg/kg (ppm)	50	15.1	96	97	75-125	1
Lead	mg/kg (ppm)	50	1.66	103	103	75-125	0
Mercury	mg/kg (ppm)	5	<1	105	96	75-125	9
Selenium	mg/kg (ppm)	5	<1	98	96	75-125	2
Silver	mg/kg (ppm)	10	<1	98	98	75-125	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	93	80-120
Barium	mg/kg (ppm)	50	100	80-120
Cadmium	mg/kg (ppm)	10	101	80-120
Chromium	mg/kg (ppm)	50	102	80-120
Lead	mg/kg (ppm)	50	103	80-120
Mercury	mg/kg (ppm)	5	90	80-120
Selenium	mg/kg (ppm)	5	94	80-120
Silver	mg/kg (ppm)	10	97	80-120

**Data Qualifiers & Definitions**

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

903391  
Chemical Custody Record

ME 03/21/19  
B23 / VS1 / WJ1 / A04

CHOC Number: 01\_1\_1\_E87\_18830\_19032019

Send Results To: waldronc@uspioneer.com, HaydonC@uspioneer.com, heckenj@uspioneer.com

Send Invoice To: PIONEER Technologies Corporation  
Chris Waldron  
Phone: 360-570-1700 Email: waldronc@uspioneer.com

Site Contact: PIONEER  
Connor Haydon  
Phone: 360-570-1700 Email: HaydonC@uspioneer.com

Laboratory Information:  
Friedman & Bruya, Inc.  
Eric Young  
Phone: 2062062066 Email: eyoung@friedmanandbruya.com

PIONEER Technologies Corporation  
5205 Corporate Ctr. Court SE, Suite A  
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www.uspioneer.com

CHOC Version: 0.99.05  
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Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Leachate	Filtered	MS/MSD	Analytes				Special Lab Instructions	Comments for Sample
							1311 - TCEP RCRA 8 8270D - 8270D	NWTPH-D - NWTPH-D	NWTPH-GX - NWTPH-GX	Preservative		
EB-01-032019	03/20/2019	09:00	CH				X	X	X	X		
SO-UJSP-09-032019-0.5-1	03/20/2019	09:00	CH				X	X	X	X		
SO-UJSP-10-032019-0.5-1	03/20/2019	09:05	CH				X	X	X	X		
SO-UJSP-11-032019-0.5-1	03/20/2019	09:10	CH				X	X	X	X		
SO-UJSP-12-032019-0.5-1	03/20/2019	09:15	CH				X	X	X	X		
SO-UJSP-13-032019-0.5-1	03/20/2019	09:20	CH				X	X	X	X		

QA/QC Requirements:

Sampling Event Comments:

1. Relinquished By: (Sign and Print) Connor Haydon 3/20/19 10:15 Date/Time: 3/20/2019 10:15

2. Relinquished By: (Sign and Print) Eric Young 3/21/19 10:10 Date/Time: 3/21/2019 10:10

3. Relinquished By: (Sign and Print) Received By: (Sign and Print) Date/Time: 3/21/2019 10:10

Special Lab Instructions included =>

Lab Use Only:

March 26, 2019

**FAL Project: 12265**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12265**. This corresponds to your **Port of Olympia** project. Five soil samples and one aqueous sample were received on 3/21/2019 in good condition. These samples were extracted and analyzed by EPA Method 8290 for tetra through octa chlorinated dibenzo dioxins and furans. The Toxic Equivalency (TEQ) for your samples has been calculated using the 2005 World Health Organization's (WHO's) toxic equivalency factors (TEFs). The TEQ value is located in the upper right hand portion of each sample data sheet. A **RUSH** turnaround time of five business days was provided for project **12265**.

Please note that due to high levels of hepta chlorinated dibenzo dioxins (HpCDD) and octa chlorinated dibenzo dioxin (OCDD) samples 12265-003-SA and 12265-005-SA (Pioneer Technologies Corp. sample IDs: SO-UTSP-10-032019-0.5-1 and SO-UTSP-12-032019-0.5-1 respectively) had to be diluted and reanalyzed. All results taken from dilutions have been noted with the "\*" qualifier.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the samples referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12265**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Bradley B. Silverbush  
Director of Operations

## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12265

Received on: 03/21/2019

Project Due: 03/29/2019

Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12265-001-SA	0	Port of Olympia	EB-01-032019	EPA 8290 D/F	Aqueous	03/20/2019	09:00 am	04/19/2019
12265-002-SA	0	Port of Olympia	SO-UTSP-09-032019-0.5-1	EPA 8290 D/F	Soil	03/20/2019	09:00 am	04/19/2019
12265-003-SA	0	Port of Olympia	SO-UTSP-10-032019-0.5-1	EPA 8290 D/F	Soil	03/20/2019	09:05 am	04/19/2019
12265-004-SA	0	Port of Olympia	SO-UTSP-11-032019-0.5-1	EPA 8290 D/F	Soil	03/20/2019	09:10 am	04/19/2019
12265-005-SA	0	Port of Olympia	SO-UTSP-12-032019-0.5-1	EPA 8290 D/F	Soil	03/20/2019	09:15 am	04/19/2019
12265-006-SA	0	Port of Olympia	SO-UTSP-13-032019-0.5-1	EPA 8290 D/F	Soil	03/20/2019	09:20 am	04/19/2019

EPA Method 8290  
PCDD/F



FAL ID: 12265-001-MB  
Client ID: Method Blank  
Matrix: Aqueous  
Batch No: X4839

Date Extracted: 03-25-2019  
Date Received: NA  
Amount: 1.000 L


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/L


Acquired: 03-25-2019  
2005 WHO TEQ: 0.0

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.899		-	0.447				
1,2,3,7,8-PeCDD	ND	1.60		-	0.552				
1,2,3,4,7,8-HxCDD	ND	1.70		-	0.622				
1,2,3,6,7,8-HxCDD	ND	1.92		-	0.689	Total TCDD	ND	0.899	
1,2,3,7,8,9-HxCDD	ND	1.69		-	0.614	Total PeCDD	ND	1.60	
1,2,3,4,6,7,8-HpCDD	ND	2.30		-	0.874	Total HxCDD	ND	1.92	
OCDD	ND	4.16		-	1.93	Total HpCDD	ND	2.30	
2,3,7,8-TCDF	ND	0.789		-	0.303				
1,2,3,7,8-PeCDF	ND	0.788		-	0.576				
2,3,4,7,8-PeCDF	ND	0.778		-	0.585				
1,2,3,4,7,8-HxCDF	ND	0.864		-	0.479				
1,2,3,6,7,8-HxCDF	ND	0.920		-	0.521				
2,3,4,6,7,8-HxCDF	ND	0.979		-	0.512				
1,2,3,7,8,9-HxCDF	ND	1.24		-	0.691	Total TCDF	ND	0.789	
1,2,3,4,6,7,8-HpCDF	ND	1.16		-	0.661	Total PeCDF	ND	0.788	
1,2,3,4,7,8,9-HpCDF	ND	1.39		-	0.839	Total HxCDF	ND	1.24	
OCDF	ND	3.66		-	0.965	Total HpCDF	ND	1.39	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	84.0	40.0 - 135	
13C-1,2,3,7,8-PeCDD	78.4	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	76.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	78.2	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	73.0	40.0 - 135	
13C-OCDD	72.6	40.0 - 135	
13C-2,3,7,8-TCDF	89.4	40.0 - 135	
13C-1,2,3,7,8-PeCDF	83.4	40.0 - 135	
13C-2,3,4,7,8-PeCDF	85.0	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	85.5	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	87.9	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	87.5	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	79.0	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	87.0	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	81.5	40.0 - 135	
13C-OCDF	76.2	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	85.4	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019



EPA Method 8290  
PCDD/F



FAL ID: 12265-001-OPR  
Client ID: OPR  
Matrix: Aqueous  
Batch No: X4839

Date Extracted: 03-25-2019  
Date Received: NA  
Amount: 1.000 L

ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 03-25-2019  
2005 WHO TEQ: NA

Compound	Conc	QC Limits	Qual
2,3,7,8-TCDD	11.2	7.00 - 13.0	
1,2,3,7,8-PeCDD	54.9	35.0 - 65.0	
1,2,3,4,7,8-HxCDD	55.0	35.0 - 65.0	
1,2,3,6,7,8-HxCDD	56.2	35.0 - 65.0	
1,2,3,7,8,9-HxCDD	54.0	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDD	56.3	35.0 - 65.0	
OCDD	108	70.0 - 130	
2,3,7,8-TCDF	11.4	7.00 - 13.0	
1,2,3,7,8-PeCDF	59.1	35.0 - 65.0	
2,3,4,7,8-PeCDF	58.9	35.0 - 65.0	
1,2,3,4,7,8-HxCDF	59.4	35.0 - 65.0	
1,2,3,6,7,8-HxCDF	58.5	35.0 - 65.0	
2,3,4,6,7,8-HxCDF	57.2	35.0 - 65.0	
1,2,3,7,8,9-HxCDF	59.0	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDF	58.1	35.0 - 65.0	
1,2,3,4,7,8,9-HpCDF	58.3	35.0 - 65.0	
OCDF	117	70.0 - 130	
Internal Standards			
13C-2,3,7,8-TCDD	54.2	40.0 - 135	
13C-1,2,3,7,8-PeCDD	51.4	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	53.0	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	53.7	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	47.8	40.0 - 135	
13C-OCDD	44.8	40.0 - 135	
13C-2,3,7,8-TCDF	58.3	40.0 - 135	
13C-1,2,3,7,8-PeCDF	54.7	40.0 - 135	
13C-2,3,4,7,8-PeCDF	55.1	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	60.5	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	62.2	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	61.3	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	54.8	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	60.1	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	54.0	40.0 - 135	
13C-OCDF	47.4	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	58.3	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:  \_\_\_\_\_

Date: 3/26/2019

Reviewed By:  \_\_\_\_\_

Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12265-001-SA  
Client ID: EB-01-032019  
Matrix: Aqueous  
Batch No: X4839

Date Extracted: 03-25-2019  
Date Received: 03-21-2019  
Amount: 0.485 L

ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/L

Acquired: 03-25-2019  
2005 WHO TEQ: 0.308

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	1.53		-	0.447				
1,2,3,7,8-PeCDD	ND	2.52		-	0.552				
1,2,3,4,7,8-HxCDD	ND	2.76		-	0.622				
1,2,3,6,7,8-HxCDD	ND	3.05		-	0.689	Total TCDD	ND	1.53	
1,2,3,7,8,9-HxCDD	ND	2.71		-	0.614	Total PeCDD	ND	2.52	
1,2,3,4,6,7,8-HpCDD	18.2	-	J	0.182	0.874	Total HxCDD	ND	3.05	
OCDD	148	-		0.0444	1.93	Total HpCDD	33.3	-	J
2,3,7,8-TCDF	ND	1.54		-	0.303				
1,2,3,7,8-PeCDF	ND	1.67		-	0.576				
2,3,4,7,8-PeCDF	ND	1.88		-	0.585				
1,2,3,4,7,8-HxCDF	ND	1.42		-	0.479				
1,2,3,6,7,8-HxCDF	ND	1.41		-	0.521				
2,3,4,6,7,8-HxCDF	ND	1.49		-	0.512				
1,2,3,7,8,9-HxCDF	ND	2.03		-	0.691	Total TCDF	ND	1.54	
1,2,3,4,6,7,8-HpCDF	7.17	-	J	0.0717	0.661	Total PeCDF	ND	1.88	
1,2,3,4,7,8,9-HpCDF	ND	2.22		-	0.839	Total HxCDF	8.92	-	J
OCDF	33.6	-	J	0.0101	0.965	Total HpCDF	27.9	-	J

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	98.6	40.0 - 135	
13C-1,2,3,7,8-PeCDD	95.4	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	109	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	101	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	107	40.0 - 135	
13C-OCDD	103	40.0 - 135	
13C-2,3,7,8-TCDF	107	40.0 - 135	
13C-1,2,3,7,8-PeCDF	103	40.0 - 135	
13C-2,3,4,7,8-PeCDF	102	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	115	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	121	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	120	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	110	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	125	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	121	40.0 - 135	
13C-OCDF	113	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	99.5	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst: 

Date: 3/26/2019

Reviewed By: 

Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12265-001-MB  
Client ID: Method Blank  
Matrix: Soil  
Batch No: X4837

Date Extracted: 03-21-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-25-2019  
2005 WHO TEQ: 0.0  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.167		-	0.0464				
1,2,3,7,8-PeCDD	ND	0.320		-	0.0791				
1,2,3,4,7,8-HxCDD	ND	0.329		-	0.0846				
1,2,3,6,7,8-HxCDD	ND	0.358		-	0.0993	Total TCDD	ND	0.167	
1,2,3,7,8,9-HxCDD	ND	0.321		-	0.0861	Total PeCDD	ND	0.320	
1,2,3,4,6,7,8-HpCDD	ND	0.450		-	0.0980	Total HxCDD	ND	0.358	
OCDD	ND	0.649		-	0.122	Total HpCDD	ND	0.450	
2,3,7,8-TCDF	ND	0.179		-	0.0397				
1,2,3,7,8-PeCDF	ND	0.205		-	0.0626				
2,3,4,7,8-PeCDF	ND	0.212		-	0.0713				
1,2,3,4,7,8-HxCDF	ND	0.176		-	0.0513				
1,2,3,6,7,8-HxCDF	ND	0.194		-	0.0576				
2,3,4,6,7,8-HxCDF	ND	0.205		-	0.0623				
1,2,3,7,8,9-HxCDF	ND	0.236		-	0.0715	Total TCDF	ND	0.179	
1,2,3,4,6,7,8-HpCDF	ND	0.206		-	0.0753	Total PeCDF	ND	0.212	
1,2,3,4,7,8,9-HpCDF	ND	0.252		-	0.0868	Total HxCDF	ND	0.236	
OCDF	ND	0.794		-	0.156	Total HpCDF	ND	0.252	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	82.7	40.0 - 135	
13C-1,2,3,7,8-PeCDD	88.8	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	90.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	91.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	88.3	40.0 - 135	
13C-OCDD	77.1	40.0 - 135	
13C-2,3,7,8-TCDF	85.9	40.0 - 135	
13C-1,2,3,7,8-PeCDF	91.3	40.0 - 135	
13C-2,3,4,7,8-PeCDF	92.2	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	101	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	103	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	98.3	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	96.8	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	101	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	103	40.0 - 135	
13C-OCDF	86.5	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	80.3	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12265-001-OPR  
Client ID: OPR  
Matrix: Soil  
Batch No: X4837


Date Extracted: 03-21-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 03-25-2019  
2005 WHO TEQ: NA

Compound	Conc	QC Limits	Qual
2,3,7,8-TCDD	10.6	7.00 - 13.0	
1,2,3,7,8-PeCDD	52.4	35.0 - 65.0	
1,2,3,4,7,8-HxCDD	51.6	35.0 - 65.0	
1,2,3,6,7,8-HxCDD	50.5	35.0 - 65.0	
1,2,3,7,8,9-HxCDD	49.6	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDD	52.6	35.0 - 65.0	
OCDD	99.7	70.0 - 130	
2,3,7,8-TCDF	10.5	7.00 - 13.0	
1,2,3,7,8-PeCDF	54.1	35.0 - 65.0	
2,3,4,7,8-PeCDF	54.0	35.0 - 65.0	
1,2,3,4,7,8-HxCDF	54.6	35.0 - 65.0	
1,2,3,6,7,8-HxCDF	54.3	35.0 - 65.0	
2,3,4,6,7,8-HxCDF	54.0	35.0 - 65.0	
1,2,3,7,8,9-HxCDF	54.3	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDF	55.3	35.0 - 65.0	
1,2,3,4,7,8,9-HpCDF	54.8	35.0 - 65.0	
OCDF	107	70.0 - 130	
Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	102	40.0 - 135	
13C-1,2,3,7,8-PeCDD	98.2	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	110	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	111	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	107	40.0 - 135	
13C-OCDD	98.0	40.0 - 135	
13C-2,3,7,8-TCDF	109	40.0 - 135	
13C-1,2,3,7,8-PeCDF	109	40.0 - 135	
13C-2,3,4,7,8-PeCDF	107	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	116	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	120	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	117	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	116	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	124	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	126	40.0 - 135	
13C-OCDF	108	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	99.4	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12265-002-SA  
Client ID: SO-UTSP-09-032019-0.5-1  
Matrix: Soil  
Batch No: X4837

Date Extracted: 03-21-2019  
Date Received: 03-21-2019  
Amount: 5.03 g  
% Solids: 88.68


Ical: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-25-2019  
2005 WHO TEQ: 7.15  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.590	-	J	0.590	0.0464				
1,2,3,7,8-PeCDD	1.18	-	J	1.18	0.0791				
1,2,3,4,7,8-HxCDD	1.10	-	J	0.110	0.0846				
1,2,3,6,7,8-HxCDD	6.17	-		0.617	0.0993	Total TCDD	14.7		-
1,2,3,7,8,9-HxCDD	1.67	-	J	0.167	0.0861	Total PeCDD	16.6		-
1,2,3,4,6,7,8-HpCDD	143	-		1.43	0.0980	Total HxCDD	44.4		-
OCDD	1370	-		0.411	0.122	Total HpCDD	257		-
2,3,7,8-TCDF	0.958	-	J	0.0958	0.0397				
1,2,3,7,8-PeCDF	0.800	-	J	0.0240	0.0626				
2,3,4,7,8-PeCDF	1.90	-	J	0.570	0.0713				
1,2,3,4,7,8-HxCDF	3.82	-	J	0.382	0.0513				
1,2,3,6,7,8-HxCDF	1.65	-	J	0.165	0.0576				
2,3,4,6,7,8-HxCDF	2.30	-	J	0.230	0.0623				
1,2,3,7,8,9-HxCDF	1.23	-	J	0.123	0.0715	Total TCDF	15.4		- D,M
1,2,3,4,6,7,8-HpCDF	97.7	-		0.977	0.0753	Total PeCDF	20.5		-
1,2,3,4,7,8,9-HpCDF	2.80	-	J	0.0280	0.0868	Total HxCDF	93.3		-
OCDF	181	-		0.0543	0.156	Total HpCDF	247		-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	80.4	40.0 - 135	
13C-1,2,3,7,8-PeCDD	81.3	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	81.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	84.6	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	79.2	40.0 - 135	
13C-OCDD	71.4	40.0 - 135	
13C-2,3,7,8-TCDF	82.4	40.0 - 135	
13C-1,2,3,7,8-PeCDF	84.1	40.0 - 135	
13C-2,3,4,7,8-PeCDF	81.8	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	85.8	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	88.1	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	85.5	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	83.8	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	95.0	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	91.2	40.0 - 135	
13C-OCDF	78.9	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	78.3	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12265-003-SA  
Client ID: SO-UTSP-10-032019-0.5-1  
Matrix: Soil  
Batch No: X4837

Date Extracted: 03-21-2019  
Date Received: 03-21-2019  
Amount: 5.03 g  
% Solids: 76.01

ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g

Acquired: 03-25-2019  
2005 WHO TEQ: 1340  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	38.0	-		38.0	0.0464				
1,2,3,7,8-PeCDD	554	-		554	0.0791				
1,2,3,4,7,8-HxCDD	1520	-		152	0.0846				
1,2,3,6,7,8-HxCDD	2340	-		234	0.0993	Total TCDD	13000	-	
1,2,3,7,8,9-HxCDD	1910	-		191	0.0861	Total PeCDD	39400	-	
1,2,3,4,6,7,8-HpCDD	12000	-	*	120	0.0980	Total HxCDD	59300	-	
OCDD	9560	-	*	2.87	0.122	Total HpCDD	21500	-	*
2,3,7,8-TCDF	48.4	-	F	4.84	0.0397				
1,2,3,7,8-PeCDF	49.0	-		1.47	0.0626				
2,3,4,7,8-PeCDF	80.3	-		24.1	0.0713				
1,2,3,4,7,8-HxCDF	57.8	-		5.78	0.0513				
1,2,3,6,7,8-HxCDF	34.5	-		3.45	0.0576				
2,3,4,6,7,8-HxCDF	38.9	-		3.89	0.0623				
1,2,3,7,8,9-HxCDF	13.5	-		1.35	0.0715	Total TCDF	2190	-	D,M
1,2,3,4,6,7,8-HpCDF	529	-		5.29	0.0753	Total PeCDF	866	-	D,M
1,2,3,4,7,8,9-HpCDF	26.4	-		0.264	0.0868	Total HxCDF	696	-	D,M
OCDF	1080	-		0.324	0.156	Total HpCDF	1400	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	81.7	40.0 - 135	
13C-1,2,3,7,8-PeCDD	90.1	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	81.0	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	83.9	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	88.5	40.0 - 135	*
13C-OCDD	86.3	40.0 - 135	*
13C-2,3,7,8-TCDF	84.6	40.0 - 135	
13C-1,2,3,7,8-PeCDF	91.2	40.0 - 135	
13C-2,3,4,7,8-PeCDF	91.0	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	79.9	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	87.4	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	84.7	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	87.5	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	92.2	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	96.3	40.0 - 135	
13C-OCDF	86.6	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	79.5	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst: 

Date: 3/26/2019

Reviewed By: 

Date: 3/26/2019

000009 of 000016

EPA Method 8290  
PCDD/F



FAL ID: 12265-004-SA  
Client ID: SO-UTSP-11-032019-0.5-1  
Matrix: Soil  
Batch No: X4837

Date Extracted: 03-21-2019  
Date Received: 03-21-2019  
Amount: 5.04 g  
% Solids: 89.34

ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g

Acquired: 03-25-2019  
2005 WHO TEQ: 26.1  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.948	-	J	0.948	0.0464				
1,2,3,7,8-PeCDD	2.48	-	J	2.48	0.0791				
1,2,3,4,7,8-HxCDD	3.94	-	J	0.394	0.0846				
1,2,3,6,7,8-HxCDD	29.8	-	-	2.98	0.0993	Total TCDD	31.7	-	-
1,2,3,7,8,9-HxCDD	7.24	-	-	0.724	0.0861	Total PeCDD	38.9	-	-
1,2,3,4,6,7,8-HpCDD	507	-	-	5.07	0.0980	Total HxCDD	179	-	-
OCDD	5180	-	-	1.55	0.122	Total HpCDD	890	-	-
2,3,7,8-TCDF	1.51	-	F	0.151	0.0397				
1,2,3,7,8-PeCDF	2.53	-	J	0.0759	0.0626				
2,3,4,7,8-PeCDF	5.27	-	-	1.58	0.0713				
1,2,3,4,7,8-HxCDF	14.9	-	-	1.49	0.0513				
1,2,3,6,7,8-HxCDF	5.35	-	-	0.535	0.0576				
2,3,4,6,7,8-HxCDF	8.70	-	-	0.870	0.0623				
1,2,3,7,8,9-HxCDF	4.02	-	J	0.402	0.0715	Total TCDF	27.9	-	D,M
1,2,3,4,6,7,8-HpCDF	653	-	-	6.53	0.0753	Total PeCDF	68.2	-	D,M
1,2,3,4,7,8,9-HpCDF	9.29	-	-	0.0929	0.0868	Total HxCDF	455	-	D,M
OCDF	589	-	-	0.177	0.156	Total HpCDF	1340	-	-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	104	40.0 - 135	
13C-1,2,3,7,8-PeCDD	111	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	108	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	108	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	115	40.0 - 135	
13C-OCDD	113	40.0 - 135	
13C-2,3,7,8-TCDF	111	40.0 - 135	
13C-1,2,3,7,8-PeCDF	115	40.0 - 135	
13C-2,3,4,7,8-PeCDF	116	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	104	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	112	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	115	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	119	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	127	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	131	40.0 - 135	
13C-OCDF	117	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	101	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst: 

Date: 3/26/2019

Reviewed By: 

Date: 3/26/2019

EPA Method 8290  
PCDD/F



FAL ID: 12265-005-SA  
Client ID: SO-UTSP-12-032019-0.5-1  
Matrix: Soil  
Batch No: X4837

Date Extracted: 03-21-2019  
Date Received: 03-21-2019  
Amount: 5.00 g  
% Solids: 76.06


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-26-2019  
2005 WHO TEQ: 43.6  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	1.19	-		1.19	0.0464				
1,2,3,7,8-PeCDD	3.45	-	J	3.45	0.0791				
1,2,3,4,7,8-HxCDD	4.90	-	J	0.490	0.0846				
1,2,3,6,7,8-HxCDD	47.0	-		4.70	0.0993	Total TCDD	155		-
1,2,3,7,8,9-HxCDD	8.72	-		0.872	0.0861	Total PeCDD	80.6		-
1,2,3,4,6,7,8-HpCDD	1220	-		12.2	0.0980	Total HxCDD	285		-
OCDD	9620	-	*	2.89	0.122	Total HpCDD	2050		-
2,3,7,8-TCDF	3.31	-	F	0.331	0.0397				
1,2,3,7,8-PeCDF	3.68	-	J	0.110	0.0626				
2,3,4,7,8-PeCDF	14.0	-		4.20	0.0713				
1,2,3,4,7,8-HxCDF	26.8	-		2.68	0.0513				
1,2,3,6,7,8-HxCDF	9.05	-		0.905	0.0576				
2,3,4,6,7,8-HxCDF	17.1	-		1.71	0.0623				
1,2,3,7,8,9-HxCDF	5.67	-		0.567	0.0715	Total TCDF	85.8		- D,M
1,2,3,4,6,7,8-HpCDF	598	-		5.98	0.0753	Total PeCDF	120		- D,M
1,2,3,4,7,8,9-HpCDF	31.8	-		0.318	0.0868	Total HxCDF	583		- D,M
OCDF	3370	-		1.01	0.156	Total HpCDF	2560		-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	106	40.0 - 135	
13C-1,2,3,7,8-PeCDD	111	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	103	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	106	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	119	40.0 - 135	
13C-OCDD	108	40.0 - 135	*
13C-2,3,7,8-TCDF	112	40.0 - 135	
13C-1,2,3,7,8-PeCDF	116	40.0 - 135	
13C-2,3,4,7,8-PeCDF	115	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	103	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	113	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	111	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	117	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	129	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	134	40.0 - 135	
13C-OCDF	123	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	104	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019



EPA Method 8290  
PCDD/F



FAL ID: 12265-006-SA  
Client ID: SO-UTSP-13-032019-0.5-1  
Matrix: Soil  
Batch No: X4837

Date Extracted: 03-21-2019  
Date Received: 03-21-2019  
Amount: 5.03 g  
% Solids: 87.41


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-26-2019  
2005 WHO TEQ: 11.7  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	1.16	-		1.16	0.0464				
1,2,3,7,8-PeCDD	3.91	-	J	3.91	0.0791				
1,2,3,4,7,8-HxCDD	2.43	-	J	0.243	0.0846				
1,2,3,6,7,8-HxCDD	8.90	-		0.890	0.0993	Total TCDD	41.3	-	
1,2,3,7,8,9-HxCDD	3.71	-	J	0.371	0.0861	Total PeCDD	48.3	-	
1,2,3,4,6,7,8-HpCDD	129	-		1.29	0.0980	Total HxCDD	71.3	-	
OCDD	1130	-		0.339	0.122	Total HpCDD	243	-	
2,3,7,8-TCDF	1.82	-	F	0.182	0.0397				
1,2,3,7,8-PeCDF	1.62	-	J	0.0486	0.0626				
2,3,4,7,8-PeCDF	3.21	-	J	0.963	0.0713				
1,2,3,4,7,8-HxCDF	4.73	-	J	0.473	0.0513				
1,2,3,6,7,8-HxCDF	2.26	-	J	0.226	0.0576				
2,3,4,6,7,8-HxCDF	3.25	-	J	0.325	0.0623				
1,2,3,7,8,9-HxCDF	1.38	-	J	0.138	0.0715	Total TCDF	65.7	-	D,M
1,2,3,4,6,7,8-HpCDF	108	-		1.08	0.0753	Total PeCDF	44.1	-	D,M
1,2,3,4,7,8,9-HpCDF	3.07	-	J	0.0307	0.0868	Total HxCDF	101	-	D,M
OCDF	168	-		0.0504	0.156	Total HpCDF	255	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	103	40.0 - 135	
13C-1,2,3,7,8-PeCDD	113	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	106	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	106	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	113	40.0 - 135	
13C-OCDD	111	40.0 - 135	
13C-2,3,7,8-TCDF	107	40.0 - 135	
13C-1,2,3,7,8-PeCDF	113	40.0 - 135	
13C-2,3,4,7,8-PeCDF	113	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	99.2	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	107	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	109	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	114	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	122	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	128	40.0 - 135	
13C-OCDF	112	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	101	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection


Analyst:   
Date: 3/26/2019

Reviewed By:   
Date: 3/26/2019



Special Instructions for Laboratory

CHOC Number: 01\_1.1\_E87\_9362\_19032019

<b>Send Results To:</b> waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com		<b>Site Contact:</b> PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com		PIONEER Technologies Corporation. 5205 Corporate Ctr. Court SE, Suite A Lacey, WA 98503 Phone: 360.570.1700 Fax: 360.570.1777  PIONEER TECHNOLOGIES CORPORATION	
<b>Send Invoice To:</b> PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com		<b>Laboratory Information:</b> Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com		CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corporation All Rights Reserved	
Analytical Method	Lab Comments	Specified Analyte	Samples Included		
8290 -- 8290		Total Dioxin/Furans (2378-TCDD TEQs)	EB-01-032019 SO-UTSP-09-032019-0.5-1 SO-UTSP-10-032019-0.5-1 SO-UTSP-11-032019-0.5-1 SO-UTSP-12-032019-0.5-1 SO-UTSP-13-032019-0.5-1		

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12265

Client:	Pioneer Technologies Corporation
Client Project ID:	Port of Olympia
Date Received:	03/21/2019
Time Received:	09:05 am
Received By:	KZ
Logged In By:	KC
# of Samples Received:	6
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	774746799533
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	6
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	Yes
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	Between 4 and 9
Anomalies or additional comments:	

Chain of Custody Record

12265  
69C

CHOC Number: 01\_1\_1\_E87\_9362\_19032019

<b>Send Results To:</b> waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com	<b>Site Contact:</b> PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com	PIONEER Technologies Corporation 5306 Corporate Ct. Court SE, Suite A Lacey, WA 98603 Phone: 360.570.1700 Fax: 360.570.1777 www.uspioneer.com 
<b>Sample Information</b> Corporation Email: waldronc@uspioneer.com	<b>Laboratory Information:</b> Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com	CHOC Version: 0.99.05 Copyright © 2003 - 2015, PIONEER Technologies Corp. All Rights Reserved

Frontier Analytical Laboratory  
**12265-001-SA**  
 Client ID: EB-01-032019  
 Storage: R-4 (01 of 01)

Sample ID: EB-01-032019  
 Project: Port of Olympia  
 Date: 03/20/2019  
 Time: 09:00  
 Sampler: CH  
 Matrix: Equipment Blank  
 Preservative: Lab Contact: Bradley Silverbush (916-943-0900)  
 Site Contact: Connor Haydon (360-570-1700)  
 ChocNumber: 01\_1\_1\_E87\_9362\_19032019  
 Confidential: Attorney/Client Privileged Information  
 Signature: Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12265-005-SA**  
 Client ID: SO-UTSP-12-032019-0-5-1  
 Storage: R-4 (01 of 01)

Project: Port of Olympia  
 Date: 03/20/2019  
 Time: 09:15  
 Sampler: CH  
 Matrix: Soil  
 Preservative: Lab Contact: Bradley Silverbush (916-943-0900)  
 Site Contact: Connor Haydon (360-570-1700)  
 ChocNumber: 01\_1\_1\_E87\_9362\_19032019  
 Confidential: Attorney/Client Privileged Information  
 Signature: Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12265-006-SA**  
 Client ID: SO-UTSP-13-032019-0-5-1  
 Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-13-032019-0-5-1  
 Project: Port of Olympia  
 Date: 03/20/2019  
 Time: 09:20  
 Sampler: CH  
 Matrix: Soil  
 Preservative: Lab Contact: Bradley Silverbush (916-943-0900)  
 Site Contact: Connor Haydon (360-570-1700)  
 ChocNumber: 01\_1\_1\_E87\_9362\_19032019  
 Confidential: Attorney/Client Privileged Information  
 Signature: Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12265-002-SA**  
 Client ID: SO-UTSP-09-032019-0-5-1  
 Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-09-032019-0-5-1  
 Project: Port of Olympia  
 Date: 03/20/2019  
 Time: 09:00  
 Sampler: CH  
 Matrix: Soil  
 Preservative: Lab Contact: Bradley Silverbush (916-943-0900)  
 Site Contact: Connor Haydon (360-570-1700)  
 ChocNumber: 01\_1\_1\_E87\_9362\_19032019  
 Confidential: Attorney/Client Privileged Information  
 Signature: Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12265-003-SA**  
 Client ID: SO-UTSP-10-032019-0-5-1  
 Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-10-032019-0-5-1  
 Project: Port of Olympia  
 Date: 03/20/2019  
 Time: 09:05  
 Sampler: CH  
 Matrix: Soil  
 Preservative: Lab Contact: Bradley Silverbush (916-943-0900)  
 Site Contact: Connor Haydon (360-570-1700)  
 ChocNumber: 01\_1\_1\_E87\_9362\_19032019  
 Confidential: Attorney/Client Privileged Information  
 Signature: Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12265-004-SA**  
 Client ID: SO-UTSP-11-032019-0-5-1  
 Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-11-032019-0-5-1  
 Project: Port of Olympia  
 Date: 03/20/2019  
 Time: 09:10  
 Sampler: CH  
 Matrix: Soil  
 Preservative: Lab Contact: Bradley Silverbush (916-943-0900)  
 Site Contact: Connor Haydon (360-570-1700)  
 ChocNumber: 01\_1\_1\_E87\_9362\_19032019  
 Confidential: Attorney/Client Privileged Information  
 Signature: Contact PIONEER Technologies Corporation @ 360.570.1700

March 29, 2019

**FAL Project: 12274**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12274**. This corresponds to your **Port of Olympia** project. Five soil samples were received on 3/26/2019 in good condition. These samples were extracted and analyzed by EPA Method 8290 for tetra through octa chlorinated dibenzo dioxins and furans. The Toxic Equivalency (TEQ) for your samples has been calculated using the 2005 World Health Organization's (WHO's) toxic equivalency factors (TEFs). The TEQ value is located in the upper right hand portion of each sample data sheet. A **RUSH** turnaround time of five business days was provided for project **12274**.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the samples referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12274**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,



Bradley B. Silverbush  
Director of Operations

## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12274

Received on: 03/26/2019

Project Due: 04/03/2019

Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12274-001-SA	0	Port of Olympia	SO-UTSP-14-032519-0.5-1	EPA 8290 D/F	Soil	03/25/2019	11:30 am	04/24/2019
12274-002-SA	0	Port of Olympia	SO-UTSP-15-032519-0.5-1	EPA 8290 D/F	Soil	03/25/2019	11:35 am	04/24/2019
12274-003-SA	0	Port of Olympia	SO-UTSP-16-032519-0.5-1	EPA 8290 D/F	Soil	03/25/2019	11:40 am	04/24/2019
12274-004-SA	0	Port of Olympia	SO-UTSP-17-032519-0.5-1	EPA 8290 D/F	Soil	03/25/2019	11:45 am	04/24/2019
12274-005-SA	0	Port of Olympia	SO-UTSP-18-032519-0.5-1	EPA 8290 D/F	Soil	03/25/2019	11:50 am	04/24/2019

FAL Sample ID

Notes

12274-001-SA

'Sample jar was cracked upon arrival, transferred sample to a new amber jar and will continue with analysis.'

EPA Method 8290  
PCDD/F



FAL ID: 12274-001-MB  
Client ID: Method Blank  
Matrix: Soil  
Batch No: X4841

Date Extracted: 03-26-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-28-2019  
2005 WHO TEQ: 0.0  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.118		-	0.0464				
1,2,3,7,8-PeCDD	ND	0.145		-	0.0791				
1,2,3,4,7,8-HxCDD	ND	0.193		-	0.0846				
1,2,3,6,7,8-HxCDD	ND	0.198		-	0.0993	Total TCDD	ND	0.118	
1,2,3,7,8,9-HxCDD	ND	0.183		-	0.0861	Total PeCDD	ND	0.145	
1,2,3,4,6,7,8-HpCDD	ND	0.348		-	0.0980	Total HxCDD	ND	0.198	
OCDD	ND	0.798		-	0.122	Total HpCDD	ND	0.348	
2,3,7,8-TCDF	ND	0.0950		-	0.0397				
1,2,3,7,8-PeCDF	ND	0.136		-	0.0626				
2,3,4,7,8-PeCDF	ND	0.144		-	0.0713				
1,2,3,4,7,8-HxCDF	ND	0.114		-	0.0513				
1,2,3,6,7,8-HxCDF	ND	0.127		-	0.0576				
2,3,4,6,7,8-HxCDF	ND	0.136		-	0.0623				
1,2,3,7,8,9-HxCDF	ND	0.169		-	0.0715	Total TCDF	ND	0.0950	
1,2,3,4,6,7,8-HpCDF	ND	0.119		-	0.0753	Total PeCDF	ND	0.144	
1,2,3,4,7,8,9-HpCDF	ND	0.149		-	0.0868	Total HxCDF	ND	0.169	
OCDF	ND	0.437		-	0.156	Total HpCDF	ND	0.149	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	100	40.0 - 135	
13C-1,2,3,7,8-PeCDD	103	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	101	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	103	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	99.2	40.0 - 135	
13C-OCDD	92.3	40.0 - 135	
13C-2,3,7,8-TCDF	106	40.0 - 135	
13C-1,2,3,7,8-PeCDF	108	40.0 - 135	
13C-2,3,4,7,8-PeCDF	107	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	112	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	112	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	111	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	109	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	116	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	116	40.0 - 135	
13C-OCDF	105	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	98.2	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/29/2019

Reviewed By:   
Date: 3/29/2019



EPA Method 8290  
PCDD/F



FAL ID: 12274-001-OPR  
Client ID: OPR  
Matrix: Soil  
Batch No: X4841


Date Extracted: 03-26-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 03-28-2019  
2005 WHO TEQ: NA

Compound	Conc	QC Limits	Qual
2,3,7,8-TCDD	10.7	7.00 - 13.0	
1,2,3,7,8-PeCDD	50.8	35.0 - 65.0	
1,2,3,4,7,8-HxCDD	51.2	35.0 - 65.0	
1,2,3,6,7,8-HxCDD	51.1	35.0 - 65.0	
1,2,3,7,8,9-HxCDD	51.0	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDD	51.9	35.0 - 65.0	
OCDD	97.5	70.0 - 130	
2,3,7,8-TCDF	10.5	7.00 - 13.0	
1,2,3,7,8-PeCDF	53.9	35.0 - 65.0	
2,3,4,7,8-PeCDF	53.0	35.0 - 65.0	
1,2,3,4,7,8-HxCDF	54.2	35.0 - 65.0	
1,2,3,6,7,8-HxCDF	53.3	35.0 - 65.0	
2,3,4,6,7,8-HxCDF	52.7	35.0 - 65.0	
1,2,3,7,8,9-HxCDF	54.1	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDF	53.0	35.0 - 65.0	
1,2,3,4,7,8,9-HpCDF	53.5	35.0 - 65.0	
OCDF	104	70.0 - 130	
Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	95.8	40.0 - 135	
13C-1,2,3,7,8-PeCDD	105	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	99.0	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	103	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	99.5	40.0 - 135	
13C-OCDD	93.9	40.0 - 135	
13C-2,3,7,8-TCDF	105	40.0 - 135	
13C-1,2,3,7,8-PeCDF	109	40.0 - 135	
13C-2,3,4,7,8-PeCDF	109	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	113	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	113	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	110	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	105	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	114	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	116	40.0 - 135	
13C-OCDF	101	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	93.7	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/29/2019

Reviewed By:   
Date: 3/29/2019

EPA Method 8290  
PCDD/F



FAL ID: 12274-001-SA  
Client ID: SO-UTSP-14-032519-0.5-1  
Matrix: Soil  
Batch No: X4841

Date Extracted: 03-26-2019  
Date Received: 03-26-2019  
Amount: 5.04 g  
% Solids: 88.19

ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g

Acquired: 03-28-2019  
2005 WHO TEQ: 34.8  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.831	-	J	0.831	0.0464				
1,2,3,7,8-PeCDD	2.48	-	J	2.48	0.0791				
1,2,3,4,7,8-HxCDD	4.24	-	J	0.424	0.0846				
1,2,3,6,7,8-HxCDD	43.6	-	-	4.36	0.0993	Total TCDD	34.1	-	-
1,2,3,7,8,9-HxCDD	8.65	-	-	0.865	0.0861	Total PeCDD	41.8	-	-
1,2,3,4,6,7,8-HpCDD	835	-	-	8.35	0.0980	Total HxCDD	238	-	-
OCDD	6990	-	-	2.10	0.122	Total HpCDD	1420	-	-
2,3,7,8-TCDF	1.53	-	F	0.153	0.0397				
1,2,3,7,8-PeCDF	2.32	-	J	0.0696	0.0626				
2,3,4,7,8-PeCDF	5.55	-	-	1.67	0.0713				
1,2,3,4,7,8-HxCDF	16.6	-	-	1.66	0.0513				
1,2,3,6,7,8-HxCDF	6.51	-	-	0.651	0.0576				
2,3,4,6,7,8-HxCDF	10.7	-	-	1.07	0.0623				
1,2,3,7,8,9-HxCDF	4.49	-	J	0.449	0.0715	Total TCDF	31.3	-	D,M
1,2,3,4,6,7,8-HpCDF	901	-	-	9.01	0.0753	Total PeCDF	90.7	-	D,M
1,2,3,4,7,8,9-HpCDF	17.9	-	-	0.179	0.0868	Total HxCDF	703	-	D,M
OCDF	1630	-	-	0.489	0.156	Total HpCDF	2340	-	-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	101	40.0 - 135	
13C-1,2,3,7,8-PeCDD	110	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	102	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	104	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	107	40.0 - 135	
13C-OCDD	112	40.0 - 135	
13C-2,3,7,8-TCDF	109	40.0 - 135	
13C-1,2,3,7,8-PeCDF	114	40.0 - 135	
13C-2,3,4,7,8-PeCDF	119	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	105	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	113	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	111	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	110	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	117	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	119	40.0 - 135	
13C-OCDF	114	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	95.5	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst: 

Date: 3/29/2019

Reviewed By: 

Date: 3/29/2019

EPA Method 8290  
PCDD/F



FAL ID: 12274-002-SA  
Client ID: SO-UTSP-15-032519-0.5-1  
Matrix: Soil  
Batch No: X4841

Date Extracted: 03-26-2019  
Date Received: 03-26-2019  
Amount: 5.03 g  
% Solids: 86.65


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-28-2019  
2005 WHO TEQ: 20.5  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	1.35	-		1.35	0.0464				
1,2,3,7,8-PeCDD	2.96	-	J	2.96	0.0791				
1,2,3,4,7,8-HxCDD	2.52	-	J	0.252	0.0846				
1,2,3,6,7,8-HxCDD	21.3	-		2.13	0.0993	Total TCDD	73.1	-	
1,2,3,7,8,9-HxCDD	5.59	-		0.559	0.0861	Total PeCDD	53.4	-	
1,2,3,4,6,7,8-HpCDD	336	-		3.36	0.0980	Total HxCDD	145	-	
OCDD	3230	-		0.969	0.122	Total HpCDD	589	-	
2,3,7,8-TCDF	3.01	-	F	0.301	0.0397				
1,2,3,7,8-PeCDF	3.53	-	J	0.106	0.0626				
2,3,4,7,8-PeCDF	5.61	-		1.68	0.0713				
1,2,3,4,7,8-HxCDF	10.2	-		1.02	0.0513				
1,2,3,6,7,8-HxCDF	4.06	-	J	0.406	0.0576				
2,3,4,6,7,8-HxCDF	6.15	-		0.615	0.0623				
1,2,3,7,8,9-HxCDF	3.23	-	J	0.323	0.0715	Total TCDF	59.0	-	D,M
1,2,3,4,6,7,8-HpCDF	431	-		4.31	0.0753	Total PeCDF	67.8	-	D,M
1,2,3,4,7,8,9-HpCDF	6.04	-		0.0604	0.0868	Total HxCDF	343	-	
OCDF	350	-		0.105	0.156	Total HpCDF	879	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	98.0	40.0 - 135	
13C-1,2,3,7,8-PeCDD	105	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	97.5	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	99.9	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	99.9	40.0 - 135	
13C-OCDD	95.3	40.0 - 135	
13C-2,3,7,8-TCDF	104	40.0 - 135	
13C-1,2,3,7,8-PeCDF	104	40.0 - 135	
13C-2,3,4,7,8-PeCDF	104	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	95.4	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	105	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	103	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	103	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	112	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	111	40.0 - 135	
13C-OCDF	98.3	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	95.6	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/29/2019

Reviewed By:   
Date: 3/29/2019

EPA Method 8290  
PCDD/F



FAL ID: 12274-003-SA  
Client ID: SO-UTSP-16-032519-0.5-1  
Matrix: Soil  
Batch No: X4841

Date Extracted: 03-26-2019  
Date Received: 03-26-2019  
Amount: 5.01 g  
% Solids: 81.54


ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 03-28-2019  
2005 WHO TEQ: 32.4  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	4.59	-		4.59	0.0464				
1,2,3,7,8-PeCDD	11.0	-		11.0	0.0791				
1,2,3,4,7,8-HxCDD	5.96	-		0.596	0.0846				
1,2,3,6,7,8-HxCDD	19.1	-		1.91	0.0993	Total TCDD	319	-	
1,2,3,7,8,9-HxCDD	8.64	-		0.864	0.0861	Total PeCDD	212	-	
1,2,3,4,6,7,8-HpCDD	257	-		2.57	0.0980	Total HxCDD	199	-	
OCDD	2270	-		0.681	0.122	Total HpCDD	452	-	
2,3,7,8-TCDF	11.2	-	F	1.12	0.0397				
1,2,3,7,8-PeCDF	8.16	-		0.245	0.0626				
2,3,4,7,8-PeCDF	10.9	-		3.27	0.0713				
1,2,3,4,7,8-HxCDF	9.93	-		0.993	0.0513				
1,2,3,6,7,8-HxCDF	5.51	-		0.551	0.0576				
2,3,4,6,7,8-HxCDF	7.04	-		0.704	0.0623				
1,2,3,7,8,9-HxCDF	2.92	-	J	0.292	0.0715	Total TCDF	208	-	D,M
1,2,3,4,6,7,8-HpCDF	282	-		2.82	0.0753	Total PeCDF	113	-	D,M
1,2,3,4,7,8,9-HpCDF	5.43	-		0.0543	0.0868	Total HxCDF	242	-	
OCDF	362	-		0.109	0.156	Total HpCDF	608	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	99.9	40.0 - 135	
13C-1,2,3,7,8-PeCDD	109	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	96.2	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	97.6	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	97.7	40.0 - 135	
13C-OCDD	89.6	40.0 - 135	
13C-2,3,7,8-TCDF	104	40.0 - 135	
13C-1,2,3,7,8-PeCDF	110	40.0 - 135	
13C-2,3,4,7,8-PeCDF	113	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	97.4	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	104	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	102	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	104	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	107	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	113	40.0 - 135	
13C-OCDF	99.5	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	98.6	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 3/29/2019

Reviewed By:   
Date: 3/29/2019

EPA Method 8290  
PCDD/F



FAL ID: 12274-004-SA  
Client ID: SO-UTSP-17-032519-0.5-1  
Matrix: Soil  
Batch No: X4841

Date Extracted: 03-26-2019  
Date Received: 03-26-2019  
Amount: 5.05 g  
% Solids: 91.77

ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g

Acquired: 03-28-2019  
2005 WHO TEQ: 9.20  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.764	-	J	0.764	0.0464				
1,2,3,7,8-PeCDD	1.72	-	J	1.72	0.0791				
1,2,3,4,7,8-HxCDD	1.66	-	J	0.166	0.0846				
1,2,3,6,7,8-HxCDD	7.66	-		0.766	0.0993	Total TCDD	35.7	-	
1,2,3,7,8,9-HxCDD	2.82	-	J	0.282	0.0861	Total PeCDD	31.5	-	
1,2,3,4,6,7,8-HpCDD	145	-		1.45	0.0980	Total HxCDD	61.8	-	
OCDD	1290	-		0.387	0.122	Total HpCDD	273	-	
2,3,7,8-TCDF	1.57	-	F	0.157	0.0397				
1,2,3,7,8-PeCDF	1.55	-	J	0.0465	0.0626				
2,3,4,7,8-PeCDF	2.81	-	J	0.843	0.0713				
1,2,3,4,7,8-HxCDF	4.85	-	J	0.485	0.0513				
1,2,3,6,7,8-HxCDF	2.10	-	J	0.210	0.0576				
2,3,4,6,7,8-HxCDF	3.07	-	J	0.307	0.0623				
1,2,3,7,8,9-HxCDF	1.37	-	J	0.137	0.0715	Total TCDF	32.3	-	D,M
1,2,3,4,6,7,8-HpCDF	140	-		1.40	0.0753	Total PeCDF	30.9	-	D,M
1,2,3,4,7,8,9-HpCDF	3.06	-	J	0.0306	0.0868	Total HxCDF	120	-	
OCDF	171	-		0.0513	0.156	Total HpCDF	317	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	92.8	40.0 - 135	
13C-1,2,3,7,8-PeCDD	99.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	94.3	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	96.0	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	94.9	40.0 - 135	
13C-OCDD	86.3	40.0 - 135	
13C-2,3,7,8-TCDF	97.7	40.0 - 135	
13C-1,2,3,7,8-PeCDF	102	40.0 - 135	
13C-2,3,4,7,8-PeCDF	104	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	97.2	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	102	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	100	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	100	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	105	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	109	40.0 - 135	
13C-OCDF	94.6	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	88.3	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst: 

Date: 3/29/2019

Reviewed By: 

Date: 3/29/2019

EPA Method 8290  
PCDD/F



FAL ID: 12274-005-SA  
Client ID: SO-UTSP-18-032519-0.5-1  
Matrix: Soil  
Batch No: X4841

Date Extracted: 03-26-2019  
Date Received: 03-26-2019  
Amount: 5.03 g  
% Solids: 83.76

ICal: PCDDFAL4-1-7-19  
GC Column: DB5MS  
Units: pg/g

Acquired: 03-28-2019  
2005 WHO TEQ: 16.1  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	1.95	-		1.95	0.0464				
1,2,3,7,8-PeCDD	4.11	-	J	4.11	0.0791				
1,2,3,4,7,8-HxCDD	2.60	-	J	0.260	0.0846				
1,2,3,6,7,8-HxCDD	11.8	-		1.18	0.0993	Total TCDD	123		-
1,2,3,7,8,9-HxCDD	3.83	-	J	0.383	0.0861	Total PeCDD	80.0		-
1,2,3,4,6,7,8-HpCDD	213	-		2.13	0.0980	Total HxCDD	93.8		-
OCDD	1820	-		0.546	0.122	Total HpCDD	377		-
2,3,7,8-TCDF	4.50	-	F	0.450	0.0397				
1,2,3,7,8-PeCDF	3.02	-	J	0.0906	0.0626				
2,3,4,7,8-PeCDF	3.94	-	J	1.18	0.0713				
1,2,3,4,7,8-HxCDF	6.38	-		0.638	0.0513				
1,2,3,6,7,8-HxCDF	2.51	-	J	0.251	0.0576				
2,3,4,6,7,8-HxCDF	3.54	-	J	0.354	0.0623				
1,2,3,7,8,9-HxCDF	1.62	-	J	0.162	0.0715	Total TCDF	80.3		- D,M
1,2,3,4,6,7,8-HpCDF	223	-		2.23	0.0753	Total PeCDF	47.3		- D,M
1,2,3,4,7,8,9-HpCDF	4.54	-	J	0.0454	0.0868	Total HxCDF	173		-
OCDF	385	-		0.116	0.156	Total HpCDF	544		-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	74.6	40.0 - 135	
13C-1,2,3,7,8-PeCDD	84.5	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	75.4	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	75.2	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	76.8	40.0 - 135	
13C-OCDD	74.3	40.0 - 135	
13C-2,3,7,8-TCDF	78.4	40.0 - 135	
13C-1,2,3,7,8-PeCDF	83.0	40.0 - 135	
13C-2,3,4,7,8-PeCDF	84.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	68.2	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	75.4	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	75.3	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	79.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	81.9	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	86.9	40.0 - 135	
13C-OCDF	78.4	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	73.0	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst: 

Date: 3/29/2019

Reviewed By: 


Date: 3/29/2019



Special Instructions for Laboratory

12274  
10C

CHOC Number: 01\_1.1\_E87\_4996\_25032019

<b>Send Results To:</b> waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com	<b>Site Contact:</b> PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com	PIONEER Technologies Corporation. 5205 Corporate Ctr. Court SE, Suite A Lacey, WA 98503  Phone: 360.570.1700 Fax: 360.570.1777 <small>PIONEER TECHNOLOGIES CORPORATION</small>
<b>Send Invoice To:</b> PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com	<b>Laboratory Information:</b> Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com	CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corporation All Rights Reserved

Analytical Method	Lab Comments	Specified Analyte	Samples Included
8290 -- 8290		Total Dioxin/Furans (2378-TCDD TEQs)	SO-UTSP-14-032519-0.5-1 SO-UTSP-15-032519-0.5-1 SO-UTSP-16-032519-0.5-1 SO-UTSP-17-032519-0.5-1 SO-UTSP-18-032519-0.5-1



## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12274

Client:	Pioneer Technologies Corporation
Client Project ID:	Port of Olympia
Date Received:	03/26/2019
Time Received:	09:15 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	5
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	774788339463
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	1
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	No
Test aqueous sample for residual Chlorine	No
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	N/A
Anomalies or additional comments:	
5-DAY RUSH TAT!	

Chain of Custody Record

12274  
loc

CHOC Number: 01\_1\_1\_E87\_4996\_25032019

Send Results To: waldronc@uspioneer.com, HaydonC@uspioneer.com, heckenj@uspioneer.com		Site Contact: PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com		PIONEER Technologies Corporation. 5595 Corporate Ctr. Court SE, Suite A Lacey, WA 98503 Phone: 360-570-1700 Fax: 360-570-1777 www.uspioneer.com	
Send Invoice To: PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com		Laboratory Information: Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com		CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corp. All Rights Reserved	
Sample Information		Special Lab Instructions Included =>		Analytes	
Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Leachate	Filtered
SO-UTSP-14-032519-0.5-1 SO-UTSP-15-032519-0.5-1 SO-UTSP-16-032519-0.5-1 SO-UTSP-17-032519-0.5-1 SO-UTSP-18-032519-0.5-1	03/25/2019 03/25/2019 03/25/2019 03/25/2019 03/25/2019	11:30 11:35 11:40 11:45 11:50	CH CH CH CH CH		
				MS/MSD 8290 - 8290	X X X X X
					==> Special Lab Instructions
					Comments for Sample
Cooler (Yes/No): Cooler Temp:	Turnaround Time: 5-day	Hazard Identification: Low	Sample Disposal: Lab to Dispose	Lab Use Only:	



2019/03/26

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Yelena Aravkina, M.S.  
Michael Erdahl, B.S.  
Arina Podnozova, B.S.  
Eric Young, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

April 3, 2019

Chris Waldron, Project Manager  
Pioneer Technologies Corporation  
5205 Corporate Ctr. Ct. SE, Ste. A  
Lacey, WA 98503

Dear Mr Waldron:

Included are the results from the testing of material submitted on March 26, 2019 from the Westman Mill, F&BI 903468 project. There are 23 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures

c: Connor Haydon, Joel Hecker  
PTC0403R.DOC

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 26, 2019 by Friedman & Bruya, Inc. from the Pioneer Technologies Corporation Westman Mill, F&BI 903468 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Pioneer Technologies Corporation</u>
903468 -01	SO-UTSP-14-032519-0.5-1
903468 -02	SO-UTSP-15-032519-0.5-1
903468 -03	SO-UTSP-16-032519-0.5-1
903468 -04	SO-UTSP-17-032519-0.5-1
903468 -05	SO-UTSP-18-032519-0.5-1

A 6020A internal standard failed the acceptance criteria for sample SO-UTSP-14-032519-0.5-1. The sample was diluted and reanalyzed with acceptable results. Both data sets were reported.

An 8270D internal standard failed the acceptance criteria for samples SO-UTSP-14-032519-0.5-1 and SO-UTSP-15-032519-0.5-1. The samples were diluted and reanalyzed with acceptable results. Both data sets were reported.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/03/19  
Date Received: 03/26/19  
Project: Westman Mill, F&BI 903468  
Date Extracted: 03/27/19  
Date Analyzed: 03/27/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SO-UTSP-14-032519-0.5-1 903468-01	<5	79
SO-UTSP-15-032519-0.5-1 903468-02	<5	82
SO-UTSP-16-032519-0.5-1 903468-03	<5	79
SO-UTSP-17-032519-0.5-1 903468-04	<5	83
SO-UTSP-18-032519-0.5-1 903468-05	<5	81
Method Blank 09-510 MB	<5	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/03/19  
Date Received: 03/26/19  
Project: Westman Mill, F&BI 903468  
Date Extracted: 03/26/19  
Date Analyzed: 03/26/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> (% Recovery) (Limit 48-168)
SO-UTSP-14-032519-0.5-1 903468-01	<50	<250	91
SO-UTSP-15-032519-0.5-1 903468-02	<50	400	101
SO-UTSP-16-032519-0.5-1 903468-03	72 x	490	100
SO-UTSP-17-032519-0.5-1 903468-04	<50	<250	98
SO-UTSP-18-032519-0.5-1 903468-05	270 x	460	100
Method Blank 09-663 MB	<50	<250	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-14-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/29/19	Lab ID:	903468-01
Date Analyzed:	03/29/19	Data File:	903468-01.040
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.77
Barium	41.4
Cadmium	<1
Chromium	12.8 J
Lead	9.30
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-14-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/29/19	Lab ID:	903468-01 x5
Date Analyzed:	03/29/19	Data File:	903468-01 x5.051
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
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Chromium	13.9
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# FRIEDMAN & BRUYA, INC.

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## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -15-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/29/19	Lab ID:	903468-02
Date Analyzed:	03/29/19	Data File:	903468-02.086
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.92
Barium	60.9
Cadmium	<1
Chromium	12.2
Lead	30.7
Mercury	<1
Selenium	<1
Silver	<1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-16-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/29/19	Lab ID:	903468-03
Date Analyzed:	03/29/19	Data File:	903468-03.087
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.86
Barium	83.6
Cadmium	<1
Chromium	13.5
Lead	68.7
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP -17-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/29/19	Lab ID:	903468-04
Date Analyzed:	03/29/19	Data File:	903468-04.088
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.89
Barium	43.0
Cadmium	<1
Chromium	12.4
Lead	13.6
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-18-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/29/19	Lab ID:	903468-05
Date Analyzed:	03/29/19	Data File:	903468-05.089
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.67
Barium	43.7
Cadmium	<1
Chromium	14.4
Lead	12.9
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	NA	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/29/19	Lab ID:	I9-210 mb
Date Analyzed:	03/29/19	Data File:	I9-210 mb.038
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-14-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	903468-01 1/5
Date Analyzed:	03/28/19	Data File:	032823.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	103	31	163
Benzo(a)anthracene-d12	130	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	0.016
Chrysene	0.021
Benzo(a)pyrene	0.017 J
Benzo(b)fluoranthene	0.026 J
Benzo(k)fluoranthene	<0.01 J
Indeno(1,2,3-cd)pyrene	<0.01 J
Dibenz(a,h)anthracene	<0.01 J

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-14-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	903468-01 1/50
Date Analyzed:	03/28/19	Data File:	032816.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	174 d	31	163
Benzo(a)anthracene-d12	141 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -15-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	903468-02 1/5
Date Analyzed:	03/28/19	Data File:	032818.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	107	31	163
Benzo(a)anthracene-d12	124	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	0.015
Benzo(a)pyrene	0.016 J
Benzo(b)fluoranthene	0.026 J
Benzo(k)fluoranthene	<0.01 J
Indeno(1,2,3-cd)pyrene	<0.01 J
Dibenz(a,h)anthracene	<0.01 J



# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP -15-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	903468-02 1/50
Date Analyzed:	03/28/19	Data File:	032817.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	178 d	31	163
Benzo(a)anthracene-d12	139 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-16-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	903468-03 1/5
Date Analyzed:	03/28/19	Data File:	032815.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	31	163
Benzo(a)anthracene-d12	130	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	0.010
Chrysen e	0.015
Benzo(a)pyrene	0.016
Benzo(b)fluoranthene	0.022
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-17-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	903468-04 1/5
Date Analyzed:	03/28/19	Data File:	032814.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	111	31	163
Benzo(a)anthracene-d12	134	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	0.011
Chrysene	0.014
Benzo(a)pyrene	0.016
Benzo(b)fluoranthene	0.018
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	SO-UTSP-18-032519-0.5-1	Client:	Pioneer Technologies Corporation
Date Received:	03/26/19	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	903468-05 1/5
Date Analyzed:	03/28/19	Data File:	032813.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	103	31	163
Benzo(a)anthracene-d12	135	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	0.018
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	0.012
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Semivolatile Compounds By EPA Method 8270D SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corporation
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 903468
Date Extracted:	03/26/19	Lab ID:	09-660 mb 1/5
Date Analyzed:	03/26/19	Data File:	032605.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	ya

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	108	31	163
Benzo(a)anthracene-d12	125	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/03/19

Date Received: 03/26/19

Project: Westman Mill, F&BI 903468

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TPH AS GASOLINE  
USING METHOD NWTPH-Gx**

Laboratory Code: 903501-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/03/19

Date Received: 03/26/19

Project: Westman Mill, F&BI 903468

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: 903468-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	140	113	123	73-135	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/03/19

Date Received: 03/26/19

Project: Westman Mill, F&BI 903468

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 903468-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	5.98	89 b	114 b	75-125	25 b
Barium	mg/kg (ppm)	50	39.4	97	98	75-125	1
Cadmium	mg/kg (ppm)	10	<5	97	95	75-125	2
Chromium	mg/kg (ppm)	50	12.7	93	93	75-125	0
Lead	mg/kg (ppm)	50	8.52	98	99	75-125	1
Mercury	mg/kg (ppm)	5	<5	102	100	75-125	2
Selenium	mg/kg (ppm)	5	<5	95	87	75-125	9
Silver	mg/kg (ppm)	10	<5	97	99	75-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	96	80-120
Barium	mg/kg (ppm)	50	99	80-120
Cadmium	mg/kg (ppm)	10	100	80-120
Chromium	mg/kg (ppm)	50	102	80-120
Lead	mg/kg (ppm)	50	104	80-120
Mercury	mg/kg (ppm)	5	106	80-120
Selenium	mg/kg (ppm)	5	100	80-120
Silver	mg/kg (ppm)	10	103	80-120



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/03/19

Date Received: 03/26/19

Project: Westman Mill, F&BI 903468

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: 903441-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.17	<0.01	82	44-129
2-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	88	45-135
1-Methylnaphthalene	mg/kg (ppm)	0.17	<0.01	86	40-141
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.01	92	23-144
Chrysene	mg/kg (ppm)	0.17	<0.01	84	32-149
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	0.012	96	23-176
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01	93	42-139
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01	99	21-163
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01	93	23-170
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	91	31-146

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	88	90	58-121	2
2-Methylnaphthalene	mg/kg (ppm)	0.17	93	93	58-123	0
1-Methylnaphthalene	mg/kg (ppm)	0.17	92	93	60-124	1
Benz(a)anthracene	mg/kg (ppm)	0.17	100	96	51-115	4
Chrysene	mg/kg (ppm)	0.17	98	93	55-129	5
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	104	100	56-123	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	96	102	54-131	6
Benzo(a)pyrene	mg/kg (ppm)	0.17	100	99	51-118	1
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	108	103	49-148	5
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	107	101	50-141	6

**Data Qualifiers & Definitions**

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

Chain of Custody Record

903468

01\_11\_E87\_30615\_25092019

ME 03/26/19

BR2/V51

Send Results To:  
waldronc@uspioneer.com, HaydonC@uspioneer.com,  
heckerj@uspioneer.com

Site Contact:  
PIONEER

Connor Haydon

Phone: 360-570-1700 Email: HaydonC@uspioneer.com

Laboratory Information:  
Friedman & Bruya, Inc.

Eric Young

Phone: 2062062066 Email: eyoung@friedmanandbruya.com



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5205 Corporate Cr. Court SE, Suite A  
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P I O N E E R  
T E C H N O L O G I E S C O R P O R A T I O N  
CHOC Version: 0.99.05  
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Send Invoice To:  
PIONEER Technologies Corporation  
Chris Waldron  
Phone: 360-570-1700 Email: waldronc@uspioneer.com

Sample Information

Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Leachate Filtered MS/MSD	Analytes						Special Lab Instructions	Comments for Sample	
					1311 - TCLP RCRA 8	8270D - 8270D	NWTPH-D - NWTPH-D	NWTPH-Gx - NWTPH-Gx					
SO-UJSP-14-032519-0-5-1	03/25/2019	11:30	CH		X	X	X	X	X				
SO-UJSP-15-032519-0-5-1	03/25/2019	11:35	CH		X	X	X	X	X				
SO-UJSP-16-032519-0-5-1	03/25/2019	11:40	CH		X	X	X	X	X				
SO-UJSP-17-032519-0-5-1	03/25/2019	11:45	CH		X	X	X	X	X				
SO-UJSP-18-032519-0-5-1	03/25/2019	11:50	CH		X	X	X	X	X				

Message: All procedures by a Honeywell/Client Privilege (30) User. Authorized distribution is allowed

QA/QC Requirements:

Sampling Event Comments:

1. Relinquished By: (Sign and Print) *Connor Haydon* Date/Time: 3/25/19 1400  
 2. Relinquished By: (Sign and Print) *[Signature]* Date/Time: 3/25/19 1400  
 3. Relinquished By: (Sign and Print) Date/Time:

1. Received By: (Sign and Print) *Mbl/Plaus* Date/Time: 3/26/19 10:00  
 2. Received By: (Sign and Print) *[Signature]* Date/Time:  
 3. Received By: (Sign and Print) Date/Time:

Special Lab Instructions included => [None] [None] [None] [None] [None] [None] [None]

Preservative [None] [None] [None] [None] [None] [None] [None]

Hazard Identification: Low

Turnaround Time: 5-day

Cooler (Yes/No):  
Cooler Temp:

Lab Use Only:

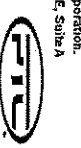
Lab ID: *Lab ID*

Special Instructions for Laboratory 903468

CHOC Number 01\_1\_1\_E87\_30615\_25032019

Send Results To:  
 waldronc@uspioneer.com, HaydonC@uspioneer.com,  
 heckerj@uspioneer.com

Site Contact:  
 PIONEER  
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 Eric Young  
 Phone: 2062062066 Email: eyoung@friedmanandbryva.com

CHOC Version: 8.99.05  
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Analytical Method	Lab Comments	Specified Analyte	Samples Included
NWTPH-D -- NWTPH-D		Diesel Range Organics (~C8--C24) Heavy Fuel Oil/Lube Oil Organics (~C9--C50)	SO-UTSP-14-032519-0-5-1 SO-UTSP-15-032519-0-5-1 SO-UTSP-16-032519-0-5-1 SO-UTSP-17-032519-0-5-1 SO-UTSP-18-032519-0-5-1
NWTPH-Gx -- NWTPH-Gx		Gasoline Range Organics [C6-C10]	SO-UTSP-14-032519-0-5-1 SO-UTSP-15-032519-0-5-1 SO-UTSP-16-032519-0-5-1 SO-UTSP-17-032519-0-5-1 SO-UTSP-18-032519-0-5-1
8270D -- 8270D		Total Naphthalenes Benz[a]anthracene Benzofluoranthene Benzokjfluoranthene Chrysene Dibenz[a]anthracene Inden[1,2,3-cd]pyrene	SO-UTSP-14-032519-0-5-1 SO-UTSP-15-032519-0-5-1 SO-UTSP-16-032519-0-5-1 SO-UTSP-17-032519-0-5-1 SO-UTSP-18-032519-0-5-1
1311 -- TCLP RCRA 8 Metals	Run Samples for RCRA 8 Metals and put TCLP analysis on Hold	Arsenic Inorganic Barium Chromium Total Lead and Compounds Mercury (elemental) Selenium Silver Cadmium	SO-UTSP-14-032519-0-5-1 SO-UTSP-15-032519-0-5-1 SO-UTSP-16-032519-0-5-1 SO-UTSP-17-032519-0-5-1 SO-UTSP-18-032519-0-5-1



May 6, 2019

**FAL Project: 12369**

Mr. Connor Haydon  
Pioneer Technologies Corporation  
5205 Corporate Center Court SE, Suite A  
Olympia, WA 98503

Dear Mr. Haydon,

The following results are associated with Frontier Analytical Laboratory project **12369**. This corresponds to your **Westman Mill Samples** project. Five soil samples were received on 5/1/2019. These samples were extracted and analyzed by EPA Method 8290 for tetra through octa chlorinated dibenzo dioxins and furans. The Toxic Equivalency (TEQ) for your samples has been calculated using the 2005 World Health Organization's (WHO's) toxic equivalency factors (TEFs). The TEQ value is located in the upper right hand portion of each sample data sheet. A **RUSH** turnaround time of five business days was provided for project **12369**.

The following level I/II report consists of an Analytical Data section and a Sample Receipt section. The Analytical Data section contains our sample tracking log and the analytical results. The Sample Receipt section contains your chain of custody, our sample login form and a sample photo. The attached results and electronic data deliverables (EDDs) are specifically for the samples referenced in this report only. These results meet all NELAP requirements and shall not be reproduced except in full. Frontier Analytical Laboratory's State of Oregon NELAP Certificate number is **4041**. Frontier Analytical Laboratory's State of Washington Department of Ecology Certificate number is **C844**. This report and the associated EDD have been emailed to you. A hardcopy of this report will also be mailed to you as per your chain of custody request.

If you have any questions regarding project **12369**, please contact me at (916) 934-0900. Thank you for choosing Frontier Analytical Laboratory for your analytical testing needs.

Sincerely,

A handwritten signature in black ink that reads "Thomas C. Crabtree".

Thomas C. Crabtree  
Director of Operations

## Frontier Analytical Laboratory

### Sample Tracking Log

FAL Project ID: 12369

Received on: 05/01/2019

Project Due: 05/09/2019

Storage: R-4

FAL Sample ID	Dup	Client Project ID	Client Sample ID	Requested Method	Matrix	Sampling Date	Sampling Time	Hold Time Due Date
12369-001-SA	0	Westman Mill Samples	SO-UTSP-19-042919-0.5-1	EPA 8290 D/F	Soil	04/29/2019	01:30 pm	05/29/2019
12369-002-SA	0	Westman Mill Samples	SO-UTSP-20-042919-0.5-1	EPA 8290 D/F	Soil	04/29/2019	01:35 pm	05/29/2019
12369-003-SA	0	Westman Mill Samples	SO-UTSP-21-042919-0.5-1	EPA 8290 D/F	Soil	04/29/2019	01:40 pm	05/29/2019
12369-004-SA	0	Westman Mill Samples	SO-UTSP-22-042919-0.5-1	EPA 8290 D/F	Soil	04/29/2019	01:45 pm	05/29/2019
12369-005-SA	0	Westman Mill Samples	SO-UTSP-23-042919-0.5-1	EPA 8290 D/F	Soil	04/29/2019	01:50 pm	05/29/2019

EPA Method 8290  
PCDD/F



FAL ID: 12369-001-MB  
Client ID: Method Blank  
Matrix: Soil  
Batch No: X4891

Date Extracted: 05-01-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 05-02-2019  
2005 WHO TEQ: 0.0  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	ND	0.144		-	0.0331				
1,2,3,7,8-PeCDD	ND	0.226		-	0.0536				
1,2,3,4,7,8-HxCDD	ND	0.330		-	0.0540				
1,2,3,6,7,8-HxCDD	ND	0.334		-	0.0538	Total TCDD	ND	0.144	
1,2,3,7,8,9-HxCDD	ND	0.312		-	0.0518	Total PeCDD	ND	0.226	
1,2,3,4,6,7,8-HpCDD	ND	0.396		-	0.0695	Total HxCDD	ND	0.334	
OCDD	ND	0.697		-	0.116	Total HpCDD	ND	0.396	
2,3,7,8-TCDF	ND	0.176		-	0.0345				
1,2,3,7,8-PeCDF	ND	0.209		-	0.0417				
2,3,4,7,8-PeCDF	ND	0.215		-	0.0449				
1,2,3,4,7,8-HxCDF	ND	0.212		-	0.0351				
1,2,3,6,7,8-HxCDF	ND	0.231		-	0.0382				
2,3,4,6,7,8-HxCDF	ND	0.248		-	0.0379				
1,2,3,7,8,9-HxCDF	ND	0.285		-	0.0423	Total TCDF	ND	0.176	
1,2,3,4,6,7,8-HpCDF	ND	0.196		-	0.0415	Total PeCDF	ND	0.215	
1,2,3,4,7,8,9-HpCDF	ND	0.243		-	0.0532	Total HxCDF	ND	0.285	
OCDF	ND	0.511		-	0.0833	Total HpCDF	ND	0.243	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	89.3	40.0 - 135	
13C-1,2,3,7,8-PeCDD	96.4	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	86.1	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	87.3	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	79.8	40.0 - 135	
13C-OCDD	55.9	40.0 - 135	
13C-2,3,7,8-TCDF	89.3	40.0 - 135	
13C-1,2,3,7,8-PeCDF	94.7	40.0 - 135	
13C-2,3,4,7,8-PeCDF	93.5	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	92.9	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	95.0	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	90.8	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	93.2	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	85.4	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	89.6	40.0 - 135	
13C-OCDF	63.7	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	84.1	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 5/6/2019

Reviewed By:   
Date: 5/6/2019

EPA Method 8290  
PCDD/F



FAL ID: 12369-001-OPR  
Client ID: OPR  
Matrix: Soil  
Batch No: X4891


Date Extracted: 05-01-2019  
Date Received: NA  
Amount: 5.00 g


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: ng/ml

Acquired: 05-02-2019  
2005 WHO TEQ: NA

Compound	Conc	QC Limits	Qual
2,3,7,8-TCDD	9.94	7.00 - 13.0	
1,2,3,7,8-PeCDD	49.6	35.0 - 65.0	
1,2,3,4,7,8-HxCDD	53.2	35.0 - 65.0	
1,2,3,6,7,8-HxCDD	55.5	35.0 - 65.0	
1,2,3,7,8,9-HxCDD	52.6	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDD	59.2	35.0 - 65.0	
OCDD	104	70.0 - 130	
2,3,7,8-TCDF	11.0	7.00 - 13.0	
1,2,3,7,8-PeCDF	49.7	35.0 - 65.0	
2,3,4,7,8-PeCDF	51.1	35.0 - 65.0	
1,2,3,4,7,8-HxCDF	50.3	35.0 - 65.0	
1,2,3,6,7,8-HxCDF	51.4	35.0 - 65.0	
2,3,4,6,7,8-HxCDF	51.1	35.0 - 65.0	
1,2,3,7,8,9-HxCDF	52.6	35.0 - 65.0	
1,2,3,4,6,7,8-HpCDF	53.4	35.0 - 65.0	
1,2,3,4,7,8,9-HpCDF	53.1	35.0 - 65.0	
OCDF	101	70.0 - 130	
Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	84.6	40.0 - 135	
13C-1,2,3,7,8-PeCDD	93.5	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	87.8	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	88.7	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	78.0	40.0 - 135	
13C-OCDD	53.2	40.0 - 135	
13C-2,3,7,8-TCDF	92.9	40.0 - 135	
13C-1,2,3,7,8-PeCDF	94.3	40.0 - 135	
13C-2,3,4,7,8-PeCDF	95.5	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	94.5	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	95.7	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	89.0	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	91.6	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	85.2	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	87.6	40.0 - 135	
13C-OCDF	61.9	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	83.2	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 5/6/2019

Reviewed By:   
Date: 5/6/2019



EPA Method 8290  
PCDD/F



FAL ID: 12369-001-SA  
Client ID: SO-UTSP-19-042919-0.5-1  
Matrix: Soil  
Batch No: X4891

Date Extracted: 05-01-2019  
Date Received: 05-01-2019  
Amount: 5.02 g  
% Solids: 88.47


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 05-02-2019  
2005 WHO TEQ: 35.5  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.696	-	J	0.696	0.0331				
1,2,3,7,8-PeCDD	2.50	-	J	2.50	0.0536				
1,2,3,4,7,8-HxCDD	5.04	-	-	5.04	0.0540				
1,2,3,6,7,8-HxCDD	37.6	-	-	3.76	0.0538	Total TCDD	24.4	-	-
1,2,3,7,8,9-HxCDD	9.36	-	-	0.936	0.0518	Total PeCDD	33.7	-	-
1,2,3,4,6,7,8-HpCDD	951	-	-	9.51	0.0695	Total HxCDD	202	-	-
OCDD	9470	-	-	2.84	0.116	Total HpCDD	1760	-	-
2,3,7,8-TCDF	1.79	-	-	0.179	0.0345				
1,2,3,7,8-PeCDF	2.09	-	J	0.0627	0.0417				
2,3,4,7,8-PeCDF	7.44	-	-	2.23	0.0449				
1,2,3,4,7,8-HxCDF	28.1	-	-	2.81	0.0351				
1,2,3,6,7,8-HxCDF	7.70	-	-	0.770	0.0382				
2,3,4,6,7,8-HxCDF	11.4	-	-	1.14	0.0379				
1,2,3,7,8,9-HxCDF	5.46	-	-	0.546	0.0423	Total TCDF	35.5	-	D,M
1,2,3,4,6,7,8-HpCDF	639	-	-	6.39	0.0415	Total PeCDF	90.3	-	D,M
1,2,3,4,7,8,9-HpCDF	21.4	-	-	0.214	0.0532	Total HxCDF	535	-	D,M
OCDF	1320	-	-	0.396	0.0833	Total HpCDF	1730	-	-

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	96.3	40.0 - 135	
13C-1,2,3,7,8-PeCDD	101	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	91.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	94.0	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	91.9	40.0 - 135	
13C-OCDD	73.9	40.0 - 135	
13C-2,3,7,8-TCDF	96.5	40.0 - 135	
13C-1,2,3,7,8-PeCDF	97.2	40.0 - 135	
13C-2,3,4,7,8-PeCDF	98.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	98.9	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	101	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	98.2	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	101	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	97.6	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	101	40.0 - 135	
13C-OCDF	79.8	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	87.1	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 5/6/2019

Reviewed By:   
Date: 5/6/2019

EPA Method 8290  
PCDD/F



FAL ID: 12369-002-SA  
Client ID: SO-UTSP-20-042919-0.5-1  
Matrix: Soil  
Batch No: X4891

Date Extracted: 05-01-2019  
Date Received: 05-01-2019  
Amount: 5.02 g  
% Solids: 94.27


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 05-02-2019  
2005 WHO TEQ: 80.2  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.817	-	J	0.817	0.0331				
1,2,3,7,8-PeCDD	4.17	-	J	4.17	0.0536				
1,2,3,4,7,8-HxCDD	12.2	-		1.22	0.0540				
1,2,3,6,7,8-HxCDD	94.9	-		9.49	0.0538	Total TCDD	16.6	-	
1,2,3,7,8,9-HxCDD	23.8	-		2.38	0.0518	Total PeCDD	35.0	-	
1,2,3,4,6,7,8-HpCDD	2630	-		26.3	0.0695	Total HxCDD	480	-	
OCDD	24400	-		7.32	0.116	Total HpCDD	4730	-	
2,3,7,8-TCDF	1.87	-		0.187	0.0345				
1,2,3,7,8-PeCDF	3.54	-	J	0.106	0.0417				
2,3,4,7,8-PeCDF	13.3	-		3.99	0.0449				
1,2,3,4,7,8-HxCDF	52.5	-		5.25	0.0351				
1,2,3,6,7,8-HxCDF	14.1	-		1.41	0.0382				
2,3,4,6,7,8-HxCDF	26.1	-		2.61	0.0379				
1,2,3,7,8,9-HxCDF	11.2	-		1.12	0.0423	Total TCDF	30.6	-	D,M
1,2,3,4,6,7,8-HpCDF	1260	-		12.6	0.0415	Total PeCDF	166	-	D,M
1,2,3,4,7,8,9-HpCDF	45.1	-		0.451	0.0532	Total HxCDF	1140	-	D,M
OCDF	2440	-		0.732	0.0833	Total HpCDF	3540	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	101	40.0 - 135	
13C-1,2,3,7,8-PeCDD	107	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	95.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	96.8	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	94.5	40.0 - 135	
13C-OCDD	77.7	40.0 - 135	
13C-2,3,7,8-TCDF	111	40.0 - 135	
13C-1,2,3,7,8-PeCDF	110	40.0 - 135	
13C-2,3,4,7,8-PeCDF	112	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	103	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	103	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	99.7	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	103	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	99.8	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	106	40.0 - 135	
13C-OCDF	83.5	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	94.0	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 5/6/2019

Reviewed By:   
Date: 5/6/2019

EPA Method 8290  
PCDD/F



FAL ID: 12369-003-SA  
Client ID: SO-UTSP-21-042919-0.5-1  
Matrix: Soil  
Batch No: X4891

Date Extracted: 05-01-2019  
Date Received: 05-01-2019  
Amount: 5.07 g  
% Solids: 91.93


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 05-02-2019  
2005 WHO TEQ: 24.0  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.462	-	J	0.462	0.0331				
1,2,3,7,8-PeCDD	1.73	-	J	1.73	0.0536				
1,2,3,4,7,8-HxCDD	4.72	-	J	4.72	0.0540				
1,2,3,6,7,8-HxCDD	27.4	-		2.74	0.0538	Total TCDD	8.08	-	
1,2,3,7,8,9-HxCDD	7.25	-		0.725	0.0518	Total PeCDD	16.4	-	
1,2,3,4,6,7,8-HpCDD	662	-		6.62	0.0695	Total HxCDD	150	-	
OCDD	6560	-		1.97	0.116	Total HpCDD	1360	-	
2,3,7,8-TCDF	0.877	-	J	0.0877	0.0345				
1,2,3,7,8-PeCDF	1.41	-	J	0.0423	0.0417				
2,3,4,7,8-PeCDF	4.51	-	J	1.35	0.0449				
1,2,3,4,7,8-HxCDF	18.3	-		1.83	0.0351				
1,2,3,6,7,8-HxCDF	5.71	-		0.571	0.0382				
2,3,4,6,7,8-HxCDF	8.90	-		0.890	0.0379				
1,2,3,7,8,9-HxCDF	4.02	-	J	0.402	0.0423	Total TCDF	15.1	-	D,M
1,2,3,4,6,7,8-HpCDF	381	-		3.81	0.0415	Total PeCDF	66.2	-	D,M
1,2,3,4,7,8,9-HpCDF	13.1	-		0.131	0.0532	Total HxCDF	376	-	D,M
OCDF	641	-		0.192	0.0833	Total HpCDF	982	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	92.9	40.0 - 135	
13C-1,2,3,7,8-PeCDD	98.5	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	91.4	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	93.1	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	85.8	40.0 - 135	
13C-OCDD	61.6	40.0 - 135	
13C-2,3,7,8-TCDF	90.8	40.0 - 135	
13C-1,2,3,7,8-PeCDF	100	40.0 - 135	
13C-2,3,4,7,8-PeCDF	95.9	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	100	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	103	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	94.1	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	93.5	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	96.6	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	96.1	40.0 - 135	
13C-OCDF	69.7	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	86.1	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 5/6/2019

Reviewed By:   
Date: 5/6/2019

EPA Method 8290  
PCDD/F



FAL ID: 12369-004-SA  
Client ID: SO-UTSP-22-042919-0.5-1  
Matrix: Soil  
Batch No: X4891

Date Extracted: 05-01-2019  
Date Received: 05-01-2019  
Amount: 5.05 g  
% Solids: 94.60


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 05-02-2019  
2005 WHO TEQ: 30.0  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.616	-	J	0.616	0.0331				
1,2,3,7,8-PeCDD	2.26	-	J	2.26	0.0536				
1,2,3,4,7,8-HxCDD	5.57	-		0.557	0.0540				
1,2,3,6,7,8-HxCDD	34.1	-		3.41	0.0538	Total TCDD	17.1	-	
1,2,3,7,8,9-HxCDD	9.73	-		0.973	0.0518	Total PeCDD	24.9	-	
1,2,3,4,6,7,8-HpCDD	905	-		9.05	0.0695	Total HxCDD	214	-	
OCDD	9230	-		2.77	0.116	Total HpCDD	1880	-	
2,3,7,8-TCDF	1.60	-		0.160	0.0345				
1,2,3,7,8-PeCDF	1.80	-	J	0.0540	0.0417				
2,3,4,7,8-PeCDF	5.76	-		1.73	0.0449				
1,2,3,4,7,8-HxCDF	17.1	-		1.71	0.0351				
1,2,3,6,7,8-HxCDF	5.81	-		0.581	0.0382				
2,3,4,6,7,8-HxCDF	9.36	-		0.936	0.0379				
1,2,3,7,8,9-HxCDF	4.09	-	J	0.409	0.0423	Total TCDF	25.9	-	D,M
1,2,3,4,6,7,8-HpCDF	436	-		4.36	0.0415	Total PeCDF	77.7	-	D,M
1,2,3,4,7,8,9-HpCDF	14.8	-		0.148	0.0532	Total HxCDF	423	-	D,M
OCDF	801	-		0.240	0.0833	Total HpCDF	1170	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	93.0	40.0 - 135	
13C-1,2,3,7,8-PeCDD	96.4	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	88.7	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	92.4	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	89.8	40.0 - 135	
13C-OCDD	71.5	40.0 - 135	
13C-2,3,7,8-TCDF	94.9	40.0 - 135	
13C-1,2,3,7,8-PeCDF	97.1	40.0 - 135	
13C-2,3,4,7,8-PeCDF	93.7	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	99.4	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	100	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	97.2	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	100	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	98.1	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	99.1	40.0 - 135	
13C-OCDF	75.7	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	86.5	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection

Analyst:   
Date: 5/6/2019

Reviewed By:   
Date: 5/6/2019

EPA Method 8290  
PCDD/F



FAL ID: 12369-005-SA  
Client ID: SO-UTSP-23-042919-0.5-1  
Matrix: Soil  
Batch No: X4891

Date Extracted: 05-01-2019  
Date Received: 05-01-2019  
Amount: 4.95 g  
% Solids: 92.40


ICal: PCDDFAL3-3-11-19  
GC Column: DB5MS  
Units: pg/g


Acquired: 05-02-2019  
2005 WHO TEQ: 27.8  
Basis: Dry Weight

Compound	Conc	DL	Qual	2005 WHO Tox	MDL	Compound	Conc	DL	Qual
2,3,7,8-TCDD	0.667	-	J	0.667	0.0331				
1,2,3,7,8-PeCDD	1.81	-	J	1.81	0.0536				
1,2,3,4,7,8-HxCDD	5.27	-		0.527	0.0540				
1,2,3,6,7,8-HxCDD	31.3	-		3.13	0.0538	Total TCDD	15.7	-	
1,2,3,7,8,9-HxCDD	9.34	-		0.934	0.0518	Total PeCDD	23.3	-	
1,2,3,4,6,7,8-HpCDD	826	-		8.26	0.0695	Total HxCDD	187	-	
OCDD	8150	-		2.45	0.116	Total HpCDD	1650	-	
2,3,7,8-TCDF	1.21	-		0.121	0.0345				
1,2,3,7,8-PeCDF	1.78	-	J	0.0534	0.0417				
2,3,4,7,8-PeCDF	5.13	-		1.54	0.0449				
1,2,3,4,7,8-HxCDF	18.9	-		1.89	0.0351				
1,2,3,6,7,8-HxCDF	5.66	-		0.566	0.0382				
2,3,4,6,7,8-HxCDF	9.15	-		0.915	0.0379				
1,2,3,7,8,9-HxCDF	3.94	-	J	0.394	0.0423	Total TCDF	21.9	-	D,M
1,2,3,4,6,7,8-HpCDF	416	-		4.16	0.0415	Total PeCDF	68.8	-	D,M
1,2,3,4,7,8,9-HpCDF	15.3	-		0.153	0.0532	Total HxCDF	397	-	D,M
OCDF	793	-		0.238	0.0833	Total HpCDF	1130	-	

Internal Standards	% Rec	QC Limits	Qual
13C-2,3,7,8-TCDD	86.3	40.0 - 135	
13C-1,2,3,7,8-PeCDD	90.4	40.0 - 135	
13C-1,2,3,4,7,8-HxCDD	81.8	40.0 - 135	
13C-1,2,3,6,7,8-HxCDD	84.8	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDD	79.4	40.0 - 135	
13C-OCDD	59.4	40.0 - 135	
13C-2,3,7,8-TCDF	88.3	40.0 - 135	
13C-1,2,3,7,8-PeCDF	90.8	40.0 - 135	
13C-2,3,4,7,8-PeCDF	93.8	40.0 - 135	
13C-1,2,3,4,7,8-HxCDF	88.6	40.0 - 135	
13C-1,2,3,6,7,8-HxCDF	91.3	40.0 - 135	
13C-2,3,4,6,7,8-HxCDF	85.4	40.0 - 135	
13C-1,2,3,7,8,9-HxCDF	87.4	40.0 - 135	
13C-1,2,3,4,6,7,8-HpCDF	86.2	40.0 - 135	
13C-1,2,3,4,7,8,9-HpCDF	88.3	40.0 - 135	
13C-OCDF	64.1	40.0 - 135	
Cleanup Surrogate			
37Cl-2,3,7,8-TCDD	80.4	50.0 - 150	

- A Isotopic Labeled Standard outside QC range but signal to noise ratio is >10:1
- B Analyte is present in Method Blank
- C Chemical Interference
- D Presence of Diphenyl Ethers
- DNQ Analyte concentration is below calibration range
- E Analyte concentration is above calibration range
- F Analyte confirmation on secondary column
- J Analyte concentration is below calibration range
- M Maximum possible concentration
- ND Analyte Not Detected at Detection Limit Level
- NP Not Provided
- P Pre-filtered through a Whatman 0.7um GF/F filter
- S Sample acceptance criteria not met
- X Matrix interferences
- \* Result taken from dilution or reinjection


Analyst:   
Date: 5/6/2019

Reviewed By:   
Date: 5/6/2019

Chain of Custody Record

905016 12369  
2000

CHOC Number: 01\_1.1\_E87\_28668\_29042019

<b>Send Results To:</b> waldronc@uspioneer.com, HaydonC@uspioneer.com, heckerj@uspioneer.com	<b>Site Contact:</b> PIONEER Connor Haydon Phone: 360-570-1700 Email: HaydonC@uspioneer.com	PIONEER Technologies Corporation. 5205 Corporate Ctr, Court SE, Suite A Lacey, WA 98503  Phone: 360.570.1700 Fax: 360.570.1777 www.uspioneer.com
<b>Send Invoice To:</b> PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700 Email: waldronc@uspioneer.com	<b>Laboratory Information:</b> Frontier Analytical Laboratory Bradley Silverbush Phone: 916-943-0900 Email: brads@frontieranalytical.com	CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corp. All Rights Reserved

Sample Information				Analytes																		
Sample ID <small>(Auto Generated)</small>	Date <small>(MM/DD/YYYY)</small>	Time <small>(0000 to 2400)</small>	Special Lab Instructions Included ==>						<== Special Lab Instructions													
			Sampler's Initials	Leachate	Filtered	MS/MSD	8290	8290	westman mill samples Comments for Sample													
SO-UTSP-19-042919-0.5-1	04/29/2019	13:30	CH					X														
SO-UTSP-20-042919-0.5-1	04/29/2019	13:35	CH					X														
SO-UTSP-21-042919-0.5-1	04/29/2019	13:40	CH					X														
SO-UTSP-22-042919-0.5-1	04/29/2019	13:45	CH					X														
SO-UTSP-23-042919-0.5-1	04/29/2019	13:50	CH					X														

Cooler (Yes/No): Cooler Temp:	Turnaround Time: 5-day	Hazard Identification: Low	Sample Disposal: Lab to Dispose		Lab Use Only:
----------------------------------	---------------------------	-------------------------------	------------------------------------	--	---------------

These data are protected by Attorney/Client Privilege. No Un-Authorized distribution is allowed. Preservative

QA/QC Requirements:

Sampling Event Comments:

1. Relinquished By: (Sign and Print) <i>Connor Haydon</i>	Date/Time:	1. Received By: (Sign and Print) <i>Kathy Zipp</i>	Date/Time: 5-19-95
2. Relinquished By: (Sign and Print)	Date/Time:	2. Received By: (Sign and Print)	Date/Time:
3. Relinquished By: (Sign and Print)	Date/Time:	3. Received By: (Sign and Print)	Date/Time:

## Frontier Analytical Laboratory

### Sample Login Form

FAL Project ID: 12369

Client:	Pioneer Technologies Corporation
Client Project ID:	Westman Mill Samples
Date Received:	05/01/2019
Time Received:	09:50 am
Received By:	KZ
Logged In By:	KZ
# of Samples Received:	5
Duplicates:	0
Storage Location:	R-4

Method of Delivery:	Fed-Ex
Tracking Number:	786952449914
Shipping Container Received Intact	Yes
Custody seals(s) present?	No
Custody seals(s) intact?	No
Sample Arrival Temperature (C)	0
Cooling Method	Ice
Chain Of Custody Present?	Yes
Return Shipping Container To Client	Yes
Test aqueous sample for residual Chlorine	No
Sodium Thiosulfate Added	No
Adequate Sample Volume	Yes
Appropriate Sample Container	Yes
pH Range of Aqueous Sample	N/A
Anomalies or additional comments:	



Chain of Custody Record

12369  
00c

CHOC Number: 01\_1\_1\_E87\_99565\_29042019

<p>Send Results To: waldronc@uspioneer.com heckerj@uspioneer.com</p>	<p>Site Contact: PIONEER Technologies Corporation 8205 Corporate Ctr. Court SE, Suite A Lacey, WA 98503</p>	<p>Phone: 360.570.1700 Fax: 360.570.1777 www.uspioneer.com</p>
<p>Send Invoice To: PIONEER Technologies Corporation Chris Waldron Phone: 360-570-1700</p>	<p>CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corp. All Rights Reserved</p>	<p>Special Lab Instructions westman mill samples</p>

Frontier Analytical Laboratory  
**12369-001-SA**  
Client ID: SO-UTSP-19-042919-0.5-1  
Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-19-042919-0.5-1  
Project: Port of Olympia  
Date: 04/29/2019  
Time: 13:30  
Sampler: CH  
Matrix: Soil  
Preservative:  
Lab Contact: Bradley Silverbush (916-943-090)  
Site Contact: Connor Haydon (360-570-1700)  
ChocNumber: 01\_1\_1\_E87\_28668\_29042019  
Confidential: Attorney/Client Privileged Information  
Questions? Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12369-002-SA**  
Client ID: SO-UTSP-20-042919-0.5-1  
Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-20-042919-0.5-1  
Project: Port of Olympia  
Date: 04/29/2019  
Time: 13:35  
Sampler: CH  
Matrix: Soil  
Preservative:  
Lab Contact: Bradley Silverbush (916-943-090)  
Site Contact: Connor Haydon (360-570-1700)  
ChocNumber: 01\_1\_1\_E87\_28668\_29042019  
Confidential: Attorney/Client Privileged Information  
Questions? Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12369-003-SA**  
Client ID: SO-UTSP-21-042919-0.5-1  
Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-21-042919-0.5-1  
Project: Port of Olympia  
Date: 04/29/2019  
Time: 13:40  
Sampler: CH  
Matrix: Soil  
Preservative:  
Lab Contact: Bradley Silverbush (916-943-090)  
Site Contact: Connor Haydon (360-570-1700)  
ChocNumber: 01\_1\_1\_E87\_28668\_29042019  
Confidential: Attorney/Client Privileged Information  
Questions? Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12369-004-SA**  
Client ID: SO-UTSP-22-042919-0.5-1  
Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-22-042919-0.5-1  
Project: Port of Olympia  
Date: 04/29/2019  
Time: 13:45  
Sampler: CH  
Matrix: Soil  
Preservative:  
Lab Contact: Bradley Silverbush (916-943-090)  
Site Contact: Connor Haydon (360-570-1700)  
ChocNumber: 01\_1\_1\_E87\_28668\_29042019  
Confidential: Attorney/Client Privileged Information  
Questions? Contact PIONEER Technologies Corporation @ 360.570.1700

Frontier Analytical Laboratory  
**12369-005-SA**  
Client ID: SO-UTSP-23-042919-0.5-1  
Storage: R-4 (01 of 01)

Sample ID: SO-UTSP-23-042919-0.5-1  
Project: Port of Olympia  
Date: 04/29/2019  
Time: 13:50  
Sampler: CH  
Matrix: Soil  
Preservative:  
Lab Contact: Bradley Silverbush (916-943-090)  
Site Contact: Connor Haydon (360-570-1700)  
ChocNumber: 01\_1\_1\_E87\_28668\_29042019  
Confidential: Attorney/Client Privileged Information  
Questions? Contact PIONEER Technologies Corporation @ 360.570.1700

2019/05/01



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Yelena Aravkina, M.S.  
Michael Erdahl, B.S.  
Arina Podnozova, B.S.  
Eric Young, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

May 13, 2019

Chris Waldron, Project Manager  
Pioneer Technologies Corp  
5205 Corporate Center Ct, Suite A  
Lacey, WA 98503

Dear Mr Waldron:

Included are the results from the testing of material submitted on May 1, 2019 from the Westman Mill, F&BI 905025 project. There are 30 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures  
c: Connor Hayden, Joel Hecker

PTC0513R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on May 1, 2019 by Friedman & Bruya, Inc. from the Pioneer Technologies Corp Westman Mill, F&BI 905025 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Pioneer Technologies Corp</u>
905025 -01	SO-UTSP-19-042919-0.5-1
905025 -02	SO-UTSP-20-042919-0.5-1
905025 -03	SO-UTSP-21-042919-0.5-1
905025 -04	SO-UTSP-22-042919-0.5-1
905025 -05	SO-UTSP-23-042919-0.5-1

A 6020B internal standard failed the acceptance criteria for samples SO-UTSP-19-042919-0.5-1 and SO-UTSP-20-042919-0.5-1. In addition, the 6020B calibration standard failed the acceptance criteria for barium. The samples were diluted and reanalyzed with acceptable results. Both data sets were reported.

An 8270D internal standard failed the acceptance criteria for all samples. The samples were diluted and reanalyzed with acceptable results. Both data sets were reported.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/13/19  
Date Received: 05/01/19  
Project: Westman Mill, F&BI 905025  
Date Extracted: 05/02/19  
Date Analyzed: 05/02/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE  
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis  
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SO-UTSP-19-042919-0.5-1 905025-01	<5	91
SO-UTSP-20-042919-0.5-1 905025-02	<5	91
SO-UTSP-21-042919-0.5-1 905025-03	<5	91
SO-UTSP-22-042919-0.5-1 905025-04	<5	93
SO-UTSP-23-042919-0.5-1 905025-05	<5	93
Method Blank 09-826 MB2	<5	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/13/19  
Date Received: 05/01/19  
Project: Westman Mill, F&BI 905025  
Date Extracted: 05/02/19  
Date Analyzed: 05/02/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-D<sub>x</sub>**

Results Reported on a Dry Weight Basis  
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
SO-UTSP-19-042919-0.5-1 905025-01	<50	<250	93
SO-UTSP-20-042919-0.5-1 905025-02	<50	<250	103
SO-UTSP-21-042919-0.5-1 905025-03	<50	<250	95
SO-UTSP-22-042919-0.5-1 905025-04	<50	<250	97
SO-UTSP-23-042919-0.5-1 905025-05	<50	<250	95
Method Blank 09-1005 MB	<50	<250	107

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-19-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-01
Date Analyzed:	05/02/19	Data File:	905025-01.095
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	8.39
Barium	56.5 ca
Cadmium	<1
Chromium	14.4 J
Lead	15.9
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-19-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-01 x5
Date Analyzed:	05/03/19	Data File:	905025-01 x5.100
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
----------	------------------------------

Barium	51.8
Chromium	15.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-20-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-02
Date Analyzed:	05/02/19	Data File:	905025-02.096
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.28
Barium	56.6 ca
Cadmium	<1
Chromium	13.7 J
Lead	13.4
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-20-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-02 x5
Date Analyzed:	05/03/19	Data File:	905025-02 x5.101
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
----------	------------------------------

Barium	53.6
Chromium	14.8



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-21-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-03
Date Analyzed:	05/02/19	Data File:	905025-03.097
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	14.6
Barium	57.1 ca
Cadmium	<1
Chromium	15.2
Lead	14.0
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-21-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-03 x5
Date Analyzed:	05/03/19	Data File:	905025-03 x5.102
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
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Barium	53.0
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-22-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-04
Date Analyzed:	05/02/19	Data File:	905025-04.098
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.45
Barium	50.5 ca
Cadmium	<1
Chromium	13.4
Lead	15.7
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-22-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-04 x5
Date Analyzed:	05/03/19	Data File:	905025-04 x5.103
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
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Barium	47.6
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-23-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-05
Date Analyzed:	05/02/19	Data File:	905025-05.099
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.01
Barium	52.8 ca
Cadmium	<1
Chromium	13.4
Lead	14.4
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	SO-UTSP-23-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	905025-05 x5
Date Analyzed:	05/03/19	Data File:	905025-05 x5.104
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
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Barium	49.4
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	NA	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/02/19	Lab ID:	I9-289 mb
Date Analyzed:	05/02/19	Data File:	I9-289 mb.063
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-19-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-01 1/5
Date Analyzed:	05/07/19	Data File:	050715.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	81	31	163
Benzo(a)anthracene-d12	91	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	0.018
Phenanthrene	0.24
Anthracene	<0.01
Fluoranthene	0.21
Pyrene	0.40
Benz(a)anthracene	0.020
Chrysene	0.12
Benzo(a)pyrene	0.068 J
Benzo(b)fluoranthene	0.14 J
Benzo(k)fluoranthene	0.042 J
Indeno(1,2,3-cd)pyrene	0.038 J
Dibenz(a,h)anthracene	<0.01 J
Benzo(g,h,i)perylene	0.037 J



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-19-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-01 1/50
Date Analyzed:	05/09/19	Data File:	050908.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	121 d	31	163
Benzo(a)anthracene-d12	112 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	0.27
Anthracene	<0.1
Fluoranthene	0.28
Pyrene	0.28
Benz(a)anthracene	<0.1
Chrysene	0.12
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	0.12
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-20-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-02 1/5
Date Analyzed:	05/07/19	Data File:	050716.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	82	31	163
Benzo(a)anthracene-d12	93	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.016
Anthracene	<0.01
Fluoranthene	0.035
Pyrene	0.077
Benz(a)anthracene	0.020
Chrysene	0.031
Benzo(a)pyrene	0.030 J
Benzo(b)fluoranthene	0.055 J
Benzo(k)fluoranthene	0.014 J
Indeno(1,2,3-cd)pyrene	0.020 J
Dibenz(a,h)anthracene	<0.01 J
Benzo(g,h,i)perylene	0.021 J

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-20-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-02 1/50
Date Analyzed:	05/09/19	Data File:	050909.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	116 d	31	163
Benzo(a)anthracene-d12	100 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-21-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-03 1/5
Date Analyzed:	05/07/19	Data File:	050717.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	84	31	163
Benzo(a)anthracene-d12	90	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	0.014
Pyrene	0.022
Benzo(a)anthracene	<0.01
Chrysene	0.020
Benzo(a)pyrene	0.014 J
Benzo(b)fluoranthene	0.028 J
Benzo(k)fluoranthene	0.010 J
Indeno(1,2,3-cd)pyrene	0.011 J
Dibenz(a,h)anthracene	<0.01 J
Benzo(g,h,i)perylene	0.012 J

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-21-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-03 1/50
Date Analyzed:	05/09/19	Data File:	050905.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	125 d	31	163
Benzo(a)anthracene-d12	84 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-22-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-04 1/5
Date Analyzed:	05/07/19	Data File:	050718.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	78	31	163
Benzo(a)anthracene-d12	86	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.015
Anthracene	<0.01
Fluoranthene	0.031
Pyrene	0.069
Benz(a)anthracene	0.017
Chrysene	0.026
Benzo(a)pyrene	0.026 J
Benzo(b)fluoranthene	0.046 J
Benzo(k)fluoranthene	0.016 J
Indeno(1,2,3-cd)pyrene	0.020 J
Dibenz(a,h)anthracene	<0.01 J
Benzo(g,h,i)perylene	0.022 J

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-22-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-04 1/50
Date Analyzed:	05/09/19	Data File:	050906.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	87 d	31	163
Benzo(a)anthracene-d12	86 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-23-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-05 1/5
Date Analyzed:	05/07/19	Data File:	050719.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	85	31	163
Benzo(a)anthracene-d12	92	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	0.027
Pyrene	0.066
Benz(a)anthracene	0.017
Chrysene	0.030
Benzo(a)pyrene	0.029 J
Benzo(b)fluoranthene	0.056 J
Benzo(k)fluoranthene	0.020 J
Indeno(1,2,3-cd)pyrene	0.023 J
Dibenz(a,h)anthracene	<0.01 J
Benzo(g,h,i)perylene	0.023 J



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	SO-UTSP-23-042919-0.5-1	Client:	Pioneer Technologies Corp
Date Received:	05/01/19	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	905025-05 1/50
Date Analyzed:	05/09/19	Data File:	050907.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	106 d	31	163
Benzo(a)anthracene-d12	85 d	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Pioneer Technologies Corp
Date Received:	Not Applicable	Project:	Westman Mill, F&BI 905025
Date Extracted:	05/06/19	Lab ID:	09-1040 mb 1/5
Date Analyzed:	05/07/19	Data File:	050706.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	80	31	163
Benzo(a)anthracene-d12	83	24	168

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/13/19

Date Received: 05/01/19

Project: Westman Mill, F&BI 905025

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TPH AS GASOLINE  
USING METHOD NWTPH-G<sub>x</sub>**

Laboratory Code: 904045-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	80	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/13/19

Date Received: 05/01/19

Project: Westman Mill, F&BI 905025

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-D<sub>x</sub>**

Laboratory Code: 904578-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	88	88	63-146	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	86	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/13/19

Date Received: 05/01/19

Project: Westman Mill, F&BI 905025

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 905022-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	49.9	108	99	75-125	9
Barium	mg/kg (ppm)	50	49.6	103	97	75-125	6
Cadmium	mg/kg (ppm)	10	<5	95	95	75-125	0
Chromium	mg/kg (ppm)	50	21.9	97	97	75-125	0
Lead	mg/kg (ppm)	50	87.7	104	97	75-125	7
Mercury	mg/kg (ppm)	5	<5	80	93	75-125	15
Selenium	mg/kg (ppm)	5	<5	92	88	75-125	4
Silver	mg/kg (ppm)	10	<5	90	91	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	92	80-120
Barium	mg/kg (ppm)	50	99	80-120
Cadmium	mg/kg (ppm)	10	99	80-120
Chromium	mg/kg (ppm)	50	98	80-120
Lead	mg/kg (ppm)	50	98	80-120
Mercury	mg/kg (ppm)	5	92	80-120
Selenium	mg/kg (ppm)	5	101	80-120
Silver	mg/kg (ppm)	10	96	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/13/19

Date Received: 05/01/19

Project: Westman Mill, F&BI 905025

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL  
SAMPLES FOR PAHS BY EPA METHOD 8270D SIM**

Laboratory Code: 905025-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.17	<0.01	75	44-129
Acenaphthylene	mg/kg (ppm)	0.17	<0.01	85	52-121
Acenaphthene	mg/kg (ppm)	0.17	<0.01	75	51-123
Fluorene	mg/kg (ppm)	0.17	0.017	79	37-137
Phenanthrene	mg/kg (ppm)	0.17	0.23	0 b	34-141
Anthracene	mg/kg (ppm)	0.17	<0.01	87	32-124
Fluoranthene	mg/kg (ppm)	0.17	0.19	0 b	16-160
Pyrene	mg/kg (ppm)	0.17	0.37	0 b	10-180
Benz(a)anthracene	mg/kg (ppm)	0.17	0.018	87	23-144
Chrysene	mg/kg (ppm)	0.17	0.11	27 b	32-149
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	0.13	58 b	23-176
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	0.039	97 b	42-139
Benzo(a)pyrene	mg/kg (ppm)	0.17	0.063	61 b	21-163
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	0.036	42 b	23-170
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	52	31-146
Benzo(g,h,i)perylene	mg/kg (ppm)	0.17	0.035	38 b	37-133

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.17	80	83	58-121	4
Acenaphthylene	mg/kg (ppm)	0.17	81	87	54-121	7
Acenaphthene	mg/kg (ppm)	0.17	83	88	54-123	6
Fluorene	mg/kg (ppm)	0.17	85	90	56-127	6
Phenanthrene	mg/kg (ppm)	0.17	85	89	55-122	5
Anthracene	mg/kg (ppm)	0.17	81	89	50-120	9
Fluoranthene	mg/kg (ppm)	0.17	81	95	54-129	16
Pyrene	mg/kg (ppm)	0.17	98	92	53-127	6
Benz(a)anthracene	mg/kg (ppm)	0.17	85	93	51-115	9
Chrysene	mg/kg (ppm)	0.17	86	93	55-129	8
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	81	87	56-123	7
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	85	92	54-131	8
Benzo(a)pyrene	mg/kg (ppm)	0.17	77	83	51-118	7
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	93	86	49-148	8
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	93	89	50-141	4
Benzo(g,h,i)perylene	mg/kg (ppm)	0.17	90	84	52-131	7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

**Data Qualifiers & Definitions**

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

Chain of Custody Record

905025  
905016 (NP)

123109  
per

ME 05/01/19

VS4/BIS

CHOC Number: 01\_1.1\_E87\_99565\_29042019

Send Results To:  
waldronc@uspioneer.com, HaydonC@uspioneer.com,  
heckerj@uspioneer.com

Send Invoice To:  
PIONEER Technologies Corporation  
Chris Waldron  
Phone: 360-570-1700 Email: waldronc@uspioneer.com

Site Contact:  
PIONEER  
Connor Haydon  
Phone: 360-570-1700 Email: HaydonC@uspioneer.com

Laboratory Information:  
Friedman & Bruya, Inc.  
Eric Young  
Phone: 2062062066 Email: eyoung@friedmandbruya.com

PIONEER Technologies Corporation  
5265 Corporate Ctr, Camt SE, Suite A  
Lacey, WA 98503  
Phone: 360.570.1700  
Fax: 360.570.1177  
www.uspioneer.com

CHOC Version: 0.99.05  
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Sample Information

Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Special Lab Instructions Included ==>			Analytes	Preservative	Lab Use Only:
				Leachate	Filtered	MS/MSD			
SO-UTSP-19-042919-0-5-1	04/29/2019	13:30	CH						
SO-UTSP-20-042919-0-5-1	04/29/2019	13:35	CH						
SO-UTSP-21-042919-0-5-1	04/29/2019	13:40	CH						
SO-UTSP-22-042919-0-5-1	04/29/2019	13:45	CH						
SO-UTSP-23-042919-0-5-1	04/29/2019	13:50	CH						

Westman Mill  
Samples  
Comments for Sample

Samples received at 4 °C

QAC Requirements:  
Sampling Event Comments:

1. Relinquished By: (Sign and Print)

2. Relinquished By: (Sign and Print)

3. Relinquished By: (Sign and Print)

Connor Haydon

Date/Time:

1. Received By: (Sign and Print)

2. Received By: (Sign and Print)

3. Received By: (Sign and Print)

Kathryn 300 K.Z. 5.1.19 9:50

mlm/ams Khan Khan FBI 5/1/19 10:00



# **Attachment B**

Wasco County Landfill  
 2550 Steele Road  
 The Dalles, OR 97058  
 PH: 541.296.4082  
 FX: 541.296.6449



APPROVAL NUMBER: <b>2042-19-050</b>
AMENDMENT NUMBER: <b>1</b>
EXPIRATION DATE: <b>3/21/2021</b>
APPROVED BY: <b>L. Kahle</b>

**SPECIAL WASTE PERMIT**

(This Page for OFFICE USE ONLY)

**GENERATOR:** Port of Olympia, State St. & Jefferson St., Olympia, WA 98501

**CUSTOMER:** Port of Olympia, 606 Columbia Street NW, Suite 300, Olympia, WA 98501

**H. ENVIRONMENTAL COMPLIANCE SUPERVISOR DECISION**

1.  Acceptable  Not Acceptable Reason Petroleum Contaminated Soil; Dioxins, Metals, PAHs, PCBs, TPH, VOCs
2. Name: Lauren Kahle, Environmental Specialist 3. Date: 12/1/2020
4. Signature: L. Kahle 5. Phone: 360.207.3465

**I. INSTRUCTIONS/HANDLING PROCEDURES**

*This Section is to be completed by BOTH the Environmental Compliance Supervisor and the Facility Manager.*

1. Disposal Method(s):  Landfill  Solidification  Approved ADC  Other:
2. Review and approval of waste is based upon a submitted documentation from generator/customer, the Landfill Waste Acceptance Criteria, and any applicable State or Federal waste disposal regulations. Approval is granted subject to the enforcement of the following conditions. Failure to comply may result in rejection of the wastes.
- A. Customer/Generator shall receive a copy of this sheet upon approval and shall conform to all instructions/limitations noted herein.
  - B. Loads may be randomly inspected upon receipt at the landfill to ensure wastes conform to description on Application.
  - C. This material must be properly contained, bagged, or covered prior to and during shipment and disposal.
3. The conditions marked below apply to this waste stream.

**APPROVAL CONDITION(S):**

- CONDITIONAL APPROVAL:** This is a conditional approval/extension. Upon receipt of additional analyses, this approval may be extended.
- SPECIFIC CONDITION:**
- BLANKET APPROVAL:** The manifest accompanying each load of waste shall denote the specific waste generation address/location(s) for that load.

**WASTE CONDITION(S):**

- ABSORBENT MATERIALS:** Absorbent material (pads, booms, diapers, socks, soils, etc.) must not be supersaturated so as to release free liquids on handling. Wastes that would not pass a paint filter test must be solidified prior to placement in the landfill.
- ASBESTOS CONTAINING MATERIAL (ACM):**  Friable  Non-Friable

**FREE LIQUIDS/SLUDGE:**

**OTHER:**

**LANDFILL SPECIAL HANDLING PROCEDURES:**

- CARE UNLOADING:** Maintain integrity of container/packaging.
- DUST:** Materials may become airborne. Use appropriate control measures to prevent the material from becoming airborne.
- IRRITANT DUST:** Materials may be dusty and are likely to cause irritation to skin and/or eyes. Use appropriate dust control measures and PPE as needed to prevent airborne dust and/or employee exposure. See MSDS for additional information.
- ODOR:** Bury immediately upon arrival.
- SLUDGE:** Potential traction issue on work face.
- SPECIAL BURIAL REQUIREMENTS:** Immediately cover waste  MSW  Dirt prior to compaction.
- SURVEY REQUIREMENT:** Materials must be surveyed in or indicated on a grid.
- OTHER:**
- CALL LANDFILL:** Prior to disposal, contact landfill to arrange for delivery (Liquids, Totes, and Asbestos).

Waste Stream Name: EastBay - Westman Mill Development  
ID: 8e4d3c93-1e2b-4724-a171-d1258a926556



Approval Status: Expired

**WASTE STREAM DETAILS**

**Generator**

Name: Port of Olympia - Port of Olympia  
Address: 606 Columbia Street NW, Suite 300 City: Olym State: WA Postal Code: 98501  
County: Thurston Phone: \_\_\_\_\_  
EPA ID: \_\_\_\_\_  
State ID: \_\_\_\_\_

**Service Provider**

Pioneer Technologies Corporation - PIONEER Technologies Corporation  
Address: 5205 Corporate Center Court Southeast City: Lacey State: WA Postal Code: 98503  
Phone: \_\_\_\_\_  
EPA ID: \_\_\_\_\_  
State ID: \_\_\_\_\_

**Transporter**

Name: OSG Dozing - OSG Dozing  
Address: PO Box 2849 City: Olympi State: WA Postal Code: 98507  
County: Thurston Phone: \_\_\_\_\_  
Permit #: \_\_\_\_\_ Expires At: \_\_\_\_\_  
EPA ID: \_\_\_\_\_  
State ID: \_\_\_\_\_

**Billing**

Name: Port of Olympia - Port of Olympia  
Address: 606 Columbia Street NW, Suite 300 City: Olym State: WA Postal Code: 98501  
County: Thurston Phone: \_\_\_\_\_  
EPA ID: \_\_\_\_\_  
State ID: \_\_\_\_\_

**Facility**

Name: Waste Connections - Wasco County LF  
Address: 2550 Steele Road City: The Dalles State: OR Postal Code: 97058  
Phone: (541) 296-4082  
EPA ID: \_\_\_\_\_  
State ID: \_\_\_\_\_

**MATERIAL ORIGIN**

Eastbay - Westman Mill Development (Corner of State Street and Jefferson Street)  
Address: \_\_\_\_\_ City: Olympia State: WA Postal Code: 98501  
County: Thurston  
EPA ID: \_\_\_\_\_  
State ID: WAD981761653

**WASTE DESCRIPTION**

Waste Stream Name: EastBay - Westman Mill Development  
EPA Hazardous?  Yes  No  
DOT Hazardous Waste?  Yes  No  
State Hazardous Waste?  Yes  No  
Non-hazardous due to treatment, delisting, or exclusion?  Yes  No  
From an industry regulated under Benzene NESHA  Yes  No  
Regulated, Licensed or NORM Radioactive Waste  Yes  No  
Contains PCBs  Yes  No  
Regulated and/or Untreated Medical/Infectious Waste  Yes  No  
Contains Asbestos  Yes  No  
Subject to RCRA Subpart CC controls  Yes  No  
Shipping Description: \_\_\_\_\_

**MATERIAL DETAILS**

Is this an Industrial Waste Stream?  Yes  No  
Common Name: Contaminated Soil  
Generation Process: Non-Hazardous - Petroleum contaminated soil and debris. Generated via excavation work required to install utilities and foundation work.  
Preferred Disposal Methods: NH001  
Source of Contamination: Soil from excavations at a former lumber mill.

**MATERIAL COMPOSITION**

Constituents  
Constituent: Arsenic \_\_\_\_\_ TO \_\_\_\_\_  
Constituent: Lead \_\_\_\_\_ TO \_\_\_\_\_  
Constituent: Naphthalenes \_\_\_\_\_ TO \_\_\_\_\_  
Constituent: Dioxins/Furans \_\_\_\_\_ TO \_\_\_\_\_  
Constituent: Petroleum Hydrocarbons (Diesel/Heavy Oil) \_\_\_\_\_ TO \_\_\_\_\_  
Constituent: Petroleum Hydrocarbons (Gasoline) \_\_\_\_\_ TO \_\_\_\_\_  
Constituent: Polycyclic aromatic hydrocarbons \_\_\_\_\_ TO \_\_\_\_\_  
Color: Dark Grey  
Physical state at 70° F:  Solid  Liquid  Sludge  Dust  Other \_\_\_\_\_  
Free Liquid Range \_\_\_\_\_ % TO \_\_\_\_\_ %  
pH 6 TO 8  
Strong Odor Yes  
Describe Odor Petroleum odor (weathered)  
Reactivity NO Reactivity Explanation \_\_\_\_\_  
Flash Point:  < 140°F  140°F - 199°F  ≥ 200°F  N/A

**EPA HAZARDOUS INFORMATION**

Please complete this section if you answered **Yes** to *EPA Hazardous*?  
Characteristic Waste  
Characteristic \_\_\_\_\_ PPM (MG/KG) \_\_\_\_\_  
Listed Codes \_\_\_\_\_  
Is this material subject to the Alternative DEBRIS standards (40 CFR 268.45)?  Yes  No  
Is this material subject to the Alternative SOIL standards (40 CFR 268.49)?  Yes  No  
Underlying Hazardous Constituents  
Constituent: \_\_\_\_\_  
Is this material exempt from subpart CC controls (40 CFR 264.1083)?  Yes  No  
**If Yes**  
 Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c) or (c)(4))  
 Waste contains VOCs that average <500 ppmw (40 CFR 264.1082(c)(1)). [Will require annual update]

### NON-EPA HAZARDOUS INFORMATION

Please complete this section if you answered **No** to *EPA Hazardous*?

Process Knowledge  
if **Yes**, Process Details \_\_\_\_\_

SDS

Certified Analytical Sample

Is the data derived from testing a representative sample in accordance with 40 CFR 261 and/or other applicable laws?

Yes  No

If **Yes**, Type of Analytical Sample:  Composite  Grab Sample ID #: Multiple sample Ids.

Exempt Waste

Applicable Exempt Waste Item:

UST Corrective Action - 40 CFR 261.4 (b)(10)  PCB Bulk Product Waste - 40 CFR 761.62  
 Oil & Gas E&P Waste - 40 CFR 261.4 (b)(5)  RCRA-Empty Containers - 40 CFR 261.7  Other

If **Other**, Provided reference: Multiple sample Ids.

### NON-HAZARDOUS WASTE

Please complete this section if you answered **Yes** to *Non-hazardous due to treatment, delisting, or exclusion*?

Delisted Hazardous Waste

Treated Hazardous Waste Debris

Excluded Waste under 40 CFR 261.4

If Excluded Waste, Specify Exclusions \_\_\_\_\_

Treated Characteristic Hazardous Waste

### STATE HAZARDOUS WASTE

Please complete this section if you answered **Yes** to *State Hazardous Waste*?

State Waste Codes: \_\_\_\_\_

### BENZENE

Please complete this section if you answered **Yes** to *From an industry regulated under Benzene NESHAP*?

Are you a TSDF?  Yes  No

If **Yes**, Please complete the Benzene NESHAP questionnaire.

If **No**,

Does this material contain benzene?  Yes  No

If **Yes**, Flow Weighted Average Concentration in PPMW \_\_\_\_\_

What is your current facility's total annual benzene quantity in megagrams?

Less than (<) 1 Mg

1 - 9.99 Mg

More than (>) 10 Mg

Is this waste soil from a remediation?  Yes  No

If **Yes**, Benzene Concentration in PPMW \_\_\_\_\_

Does the waste contain more than (>) 10% water/moisture?  Yes  No

Has material been treated to remove 99% of the benzene or to achieve less than 10ppmw?  Yes  No

Is material exempt from controls in accordance with 40 CFR 61.342?  Yes  No

If **Yes**, Specify Exemption \_\_\_\_\_

Is this waste stream subject to treatment and control requirements of 40 CFR Part 61, Subpart FF?  Yes  No

### FACILITY REMEDIATION & CLEAN UP

Facility remediation subject to 40 CFR 63 GGGGG?  Yes  No

If **Yes**, Does the material contain less than (<) 500 ppmw VOHAPS at the point of determination?  Yes  No

CERCLA or State-Mandated clean-up?  Yes  No

If **Yes**, Please submit the Record of Decision or other documentation to assist others in the evaluation for proper disposal.

### RADIOACTIVE WASTE

If you answered **Yes** to *Regulated, Licensed or NORM Radioactive Waste?*, please complete this section.

Identify Isotopes and pCi/g

Isotope \_\_\_\_\_ PCI/G \_\_\_\_\_

### PCBS

Please complete this section if you answered **Yes** to *Contains PCBs?*

Regulated by 40 CFR 761?  Yes  No

Remediation under 40 CFR 761.61 (a)?  Yes  No

PCB imported into the US?  Yes  No

### ASBESTOS

Please complete this section if you answered **Yes** to *Contains Asbestos?*

Is the Asbestos Friable or Non-Friable?  Friable  Non-Friable  Non-Friable regulated

### SHIPPING INFORMATION

Event Frequency  One Time  On-Going

Anticipated Number of Loads \_\_\_\_\_

Approximately  
2,000 to  
5,000 cubic

Estimated Annual Qty \_\_\_\_\_ yards.

Unit of Measure  Tons  Yards  Drums  Gallons  Other \_\_\_\_\_

Shipping Frequency  Once  Daily  Weekly  Monthly  Other \_\_\_\_\_

Qty Per Shipment TBD

Container Type Truck and Pup

Container Size Approximately 10 yards Each

### PROFILE CERTIFICATION

I hereby certify that (1) all information submitted on this form and on supplemental materials is complete and accurate to the best of my knowledge and ability to determine; (2) the information provided herein, including any supplemental information, such as laboratory analytical, MSDS, etc., accurately describes the waste stream to be delivered to the facility and that all known or suspected hazards have been disclosed. I understand that, once the waste stream is approved by Destination Facility based on this information, any deviation in the source, composition, constituents or characteristics of the waste stream from the information described herein, may render the waste stream unacceptable for disposal, at the sole discretion of Destination Facility. I further understand that any deviation from the information contained herein will require immediate notification to the Destination Facility and cessation of disposal.

Signature

*Chris Waldron*

Printed Name Chris Waldron

Date 12/01/2020

Company Pioneer Technologies Corporation

Title \_\_\_\_\_

# **Attachment C**

### Wasco County Landfill Soil Disposal - Weight Ticket Summary

Truck Load Date	Truck Manifest #	Stockpile Designation	Approximate Truck/Pup Load (cubic yards) <sup>1</sup>	Date Delivered to Landfill	Landfill Ticket Number	Soil Weight (tons)
4/12/2019	1000	A	24.8	4/12/2019	286436	31.00
4/12/2019	1001	A	26.3	4/12/2019	286442	32.88
4/12/2019	1002	A	25.6	4/12/2019	286443	32.00
4/12/2019	1003	A	22.1	4/12/2019	286446	27.62
4/12/2019	1004	A	25.2	4/12/2019	286447	31.49
4/15/2019	1005	B	24.2	4/15/2019	286594	30.30
4/15/2019	1006	B	26.1	4/15/2019	286586	32.64
4/15/2019	1007	B	24.5	4/15/2019	286583	30.62
4/15/2019	1008	B	25.3	4/15/2019	286595	31.65
4/15/2019	1009	B	24.3	4/15/2019	286596	30.38
4/15/2019	1010	B	23.8	4/15/2019	286613	29.73
4/16/2019	1011	B	24.2	4/16/2019	286723	30.28
4/16/2019	1012	B	26.2	4/16/2019	286725	32.76
4/16/2019	1013	B	25.1	4/16/2019	286745	31.43
4/16/2019	1014	B	25.5	4/16/2019	286722	31.86
4/16/2019	1015	B	24.8	4/16/2019	286730	30.96
4/16/2019	1016	B	25.5	4/16/2019	286729	31.83
4/17/2019	1017	B	26.1	4/17/2019	286854	32.57
4/17/2019	1018	B	24.6	4/17/2019	286870	30.78
4/17/2019	1019	B	25.9	4/17/2019	286859	32.43
4/17/2019	1020	C	25.6	4/17/2019	286860	32.03
4/17/2019	1021	C	24.3	4/17/2019	286872	30.32
4/17/2019	1022	C	25.4	4/17/2019	286873	31.78
4/18/2019	1023	C	26.5	4/18/2019	287000	33.08
4/18/2019	1024	C	24.5	4/18/2019	287003	30.61
4/18/2019	1025	C	21.2	4/18/2019	287010	26.53
4/18/2019	1026	C	24.2	4/18/2019	287018	30.22
4/18/2019	1027	C	24.1	4/18/2019	287025	30.18
4/18/2019	1028	C	24.6	4/18/2019	287026	30.75
4/18/2019	1029	C	26.0	4/18/2019	287027	32.44
4/18/2019	1030	C	24.5	4/18/2019	287028	30.62
4/18/2019	1050	C	24.5	4/18/2019	287053	30.67
4/18/2019	1032	C	25.2	4/18/2019	287021	31.47
4/19/2019	1034	C	26.1	4/19/2019	287126	32.59
4/19/2019	1035	C	24.6	4/19/2019	287140	30.70
4/19/2019	1036	C	24.5	4/19/2019	287141	30.67
4/19/2019	1037	C	26.1	4/19/2019	287133	32.68
4/19/2019	1038	C	24.9	4/19/2019	287145	31.08
4/19/2019	1039	C	26.5	4/19/2019	287148	33.14
4/19/2019	1040	C	25.0	4/19/2019	287147	31.26
4/19/2019	1041	C	25.5	4/19/2019	287163	31.86
4/19/2019	1042	C	24.6	4/19/2019	287164	30.74
4/19/2019	1043	D	25.9	4/19/2019	287144	32.37
4/22/2019	1044	D	25.7	4/22/2019	287289	32.11
4/22/2019	1045	D	25.4	4/22/2019	287290	31.77
4/22/2019	1046	D	26.6	4/22/2019	287282	33.20
4/22/2019	1047	D	25.0	4/22/2019	287283	31.21
4/22/2019	1048	D	25.0	4/22/2019	287291	31.22
4/22/2019	1049	D	24.7	4/22/2019	287305	30.87
4/22/2019	1051	D	24.7	4/22/2019	287285	30.91
4/22/2019	1052	D	24.6	4/22/2019	287293	30.81



### Wasco County Landfill Soil Disposal - Weight Ticket Summary

Truck Load Date	Truck Manifest #	Stockpile Designation	Approximate Truck/Pup Load (cubic yards) <sup>1</sup>	Date Delivered to Landfill	Landfill Ticket Number	Soil Weight (tons)
4/22/2019	1053	D	26.1	4/22/2019	287294	32.62
4/22/2019	1054	D	25.3	4/22/2019	287306	31.64
4/23/2019	1055	D	24.2	4/23/2019	287438	30.27
4/23/2019	1056	E	25.8	4/23/2019	287423	32.30
4/23/2019	1057	E	25.7	4/23/2019	287427	32.18
4/23/2019	1058	E	24.5	4/23/2019	287440	30.66
4/23/2019	1059	E	24.3	4/23/2019	287435	30.34
4/23/2019	1060	E	26.0	4/23/2019	287439	32.48
4/23/2019	1061	E	25.5	4/23/2019	287434	31.87
4/23/2019	1062	E	25.5	4/23/2019	287455	31.89
4/23/2019	1063	E	25.5	4/23/2019	287437	31.93
4/23/2019	1064	E	25.0	4/23/2019	287456	31.20
4/23/2019	1065	E	27.4	4/23/2019	287417	34.21
4/23/2019	1066 (a)	E	24.7	4/24/2019	287498	30.92
4/23/2019	1066 (b)	E	24.7	4/24/2019	287594	30.91
4/24/2019	1067	E	25.8	4/24/2019	287607	32.22
4/24/2019	1068	E	24.7	4/24/2019	287611	30.89
4/24/2019	1069	E	25.7	4/24/2019	287605	32.10
4/24/2019	1070	Grease Trap	24.2	4/24/2019	287610	30.30
4/24/2019	1071	Grease Trap	23.7	4/25/2019	287678	29.63
4/25/2019	1072	Grease Trap	24.0	4/25/2019	287776	29.99
4/25/2019	1073	Grease Trap	26.0	4/25/2019	287777	32.44
4/25/2019	1074	Grease Trap	26.0	4/25/2019	287781	32.56
4/26/2019	1075	Footing	25.3	4/26/2019	287960	31.64
4/26/2019	1076	Footing	25.9	4/26/2019	287964	32.32
4/26/2019	1077	Footing	26.4	4/26/2019	287961	33.04
4/29/2019	1078	Footing	25.7	4/29/2019	288109	32.09
4/29/2019	1079	Footing	25.6	4/29/2019	288131	31.99
4/29/2019	1080	Footing	24.2	4/29/2019	288123	30.21
6/17/2019	1081	Footing	26.7	6/17/2019	293413	33.34
6/17/2019	1082	Footing	25.2	6/17/2019	293410	31.50
6/17/2019	1083	Footing	25.6	6/17/2019	293409	32.00
6/18/2019	1084	Footing	25.3	6/18/2019	293567	31.67
6/18/2019	1085	Footing	26.0	6/18/2019	293596	32.49
6/18/2019	1086	Footing	25.6	6/18/2019	293568	31.97
6/19/2019	1087	Footing	26.1	6/19/2019	293725	32.57
6/19/2019	1088	Footing	23.8	6/19/2019	293726	29.71
6/19/2019	1089	Footing	25.2	6/19/2019	293742	31.49
3/11/2020	1090	F	25.1	3/11/2020	324572	31.43
3/11/2020	1091	F	24.2	3/11/2020	324573	30.26
3/11/2020	1092	F	25.0	3/11/2020	324582	31.25
3/11/2020	1093	F	28.6	3/11/2020	324588	35.72
3/11/2020	1094	F	24.9	3/11/2020	324583	31.07
3/11/2020	1095	F	24.7	3/11/2020	324585	30.88
3/12/2020	1096	F	24.4	3/12/2020	324745	30.55
3/12/2020	1097	F	24.2	3/12/2020	324749	30.27
3/12/2020	1098	F	24.8	3/12/2020	324750	31.06
3/12/2020	1099	F	25.7	3/12/2020	324762	32.08
3/12/2020	1100	F	23.6	3/12/2020	324794	29.55
3/12/2020	1101	F	29.9	3/12/2020	324795	37.40
3/13/2020	1102	F	24.7	3/13/2020	324919	30.91

### Wasco County Landfill Soil Disposal - Weight Ticket Summary

Truck Load Date	Truck Manifest #	Stockpile Designation	Approximate Truck/Pup Load (cubic yards) <sup>1</sup>	Date Delivered to Landfill	Landfill Ticket Number	Soil Weight (tons)
3/13/2020	1103	F	25.2	3/13/2020	324930	31.55
3/13/2020	1104	F	25.4	3/13/2020	324949	31.77
3/13/2020	1105	F	25.5	3/13/2020	324946	31.84
3/13/2020	1106	F	25.1	3/13/2020	324960	31.39
3/13/2020	1107	F	23.0	3/13/2020	324963	28.77
3/16/2020	1108	F	25.1	3/16/2020	325104	31.32
3/16/2020	1109	F	25.0	3/16/2020	325122	31.29
3/16/2020	1110	F	25.4	3/16/2020	325113	31.80
3/16/2020	1111	F	25.6	3/16/2020	325127	32.00
3/16/2020	1112	F	24.1	3/16/2020	325125	30.14
3/16/2020	1113	F	24.3	3/16/2020	325138	30.39
3/17/2020	1117	F	25.2	3/17/2020	325292	31.46
3/17/2020	1118	F	25.1	3/17/2020	325286	31.37
12/1/2020	1120	G	24.9	12/1/2020	355944	31.08
12/1/2020	1121	G	25.2	12/1/2020	355943	31.51
12/1/2020	1122	G	25.2	12/1/2020	355945	31.49
12/3/2020	1123	G	24.5	12/3/2020	356188	30.58
12/3/2020	1124	G	25.9	12/3/2020	356184	32.38
12/3/2020	1125	G	24.5	12/3/2020	356196	30.68
12/4/2020	1126	G	24.9	12/4/2020	356317	31.08
12/4/2020	1127	G	23.8	12/4/2020	356324	29.73
12/4/2020	1128	G	26.0	12/4/2020	356332	32.55
1/27/2021	1129	H	25.6	1/27/2021	361682	32.00
1/27/2021	1130	H	22.5	1/27/2021	361680	28.18
1/27/2021	1131	H	24.1	1/27/2021	361683	30.17
1/27/2021	1132	H	24.4	1/27/2021	361690	30.45
1/28/2021	1133	H	24.7	1/28/2021	361826	30.89
1/28/2021	1134	H	24.0	1/28/2021	361827	29.98
1/28/2021	1135	H	24.8	1/28/2021	361839	31.02
1/28/2021	1136	H	26.5	1/28/2021	361859	33.07
1/28/2021	1137	H	26.2	1/28/2021	361862	32.69
9/23/2021	1141	J	16.2	9/23/2021	394363	20.30
<b>Total Volume Disposed (in cubic yards):</b>			<b>3,357</b>	<b>Total Weight Disposed (in tons) :</b>		<b>4,196</b>

**Notes:**

<sup>1</sup> Assumes 1.25 tons/cubic yard

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286436  
Date In 04/12/19  
Time In 11:09:06  
Date Out 04/12/19  
Time Out 11:44:03

TRACY C  
Origin WASH ST

Ref. PORT OLYM  
Grid

DESCRIPTION

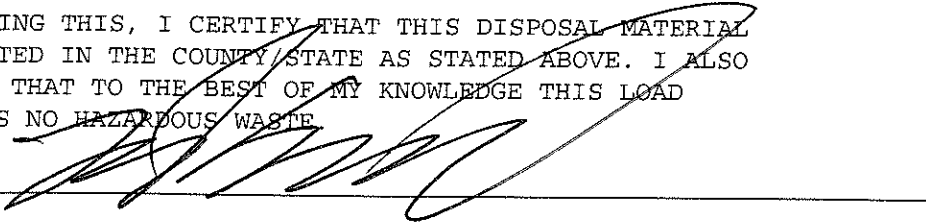
Scale 3 Gross Wt.	105280LB	Vehicle TRAIL	
Scale 7 Tare Wt.	43280LB	Roll-Off	
Net Wt.	62000LB	TON	31.00

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8512/8920

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



PORT OF OLYMPIA

NON-HAZARDOUS WASTE MANIFEST

Print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1000

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name 6. US EPA ID Number

Dietrich Trucking LLC

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address 10. US EPA ID Number  
Wasco County Landfill 9 8 0 6 3 9 6 9 4  
2550 Steele Road  
The Dalles, OR 97058

A. State Transporter's ID

B. Transporter 1 Phone

C. State Transporter's ID

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone 541.296.4082

11. WASTE DESCRIPTION

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

2

truck + pup

~15

CY

b.

pup

c.

d.

Stockpile A

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

for Chris Waldron

Date

Printed/Typed Name

Chris Waldron (for the Port of Olympia)

Signature

[Signature]

Month Day Year  
4 | 12 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

TED Lockwood

Signature

[Signature]

Month Day Year  
4 | 12 | 2019

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Tracy Cole

Signature

[Signature]

Date  
Month Day Year  
4 | 12 | 19

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286442  
Date In 04/12/19  
Time In 11:24:17  
Date Out 04/12/19  
Time Out 11:46:32

TRACY C  
Origin WASH ST

Ref. PORT OLYM  
Grid

DESCRIPTION

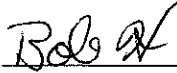
Scale 3 Gross Wt.	107500LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41740LB	Roll-Off	
Net Wt.	65760LB	TON	32.88

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8512 BOB

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



BOB

# NON-HAZARDOUS WASTE MANIFEST

(Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1001

2. Page

3. Generator's Name and Mailing Address

Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

Dietrich Trucking LLC

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone  
541.296.4082

11. WASTE DESCRIPTION

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

2

TRUCK  
in  
PUP

~25

CY

b.

c.

d.

Stockpile A

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

for Chris Waldron

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

Signature

*Chris Waldron*

Date

Month Day Year  
4 | 12 | 17

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

B. Alloway

Signature

*B. Alloway*

Date

Month Day Year  
4 | 12 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Tracy Cole

Signature

*Tracy Cole*

Date

Month Day Year  
4 | 12 | 19

NON-HAZARDOUS WASTE GENERATOR

RECEIVED BY FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286443  
Date In 04/12/19  
Time In 11:26:19  
Date Out 04/12/19  
Time Out 11:49:37

TRACY C  
Origin WASH ST

Ref. PORT OLYM  
Grid

DESCRIPTION

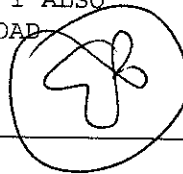
Scale 3 Gross Wt.	104040LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40040LB	Roll-Off	
Net Wt.	64000LB	TON	32.00

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

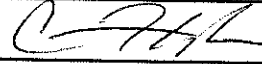
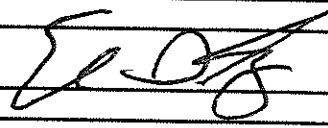
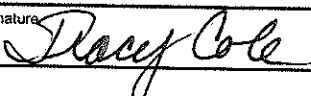
BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1002</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>					
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>					
5. Transporter 1 Company Name <b>Pietrich Trucking LLC.</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No. Type		
			2 truck + pup	~25	cy
b.					
c.					
d. <b>Stockpile A</b>					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i> 		Date Month Day Year <b>4   12   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>ERIC D. Buss</b>		Signature 		Date Month Day Year <b>4   12   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Tracy Cole</b>		Signature 		Date Month Day Year <b>4   12   19</b>	

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286446  
Date In 04/12/19  
Time In 11:40:21  
Date Out 04/12/19  
Time Out 12:00:41

TRACY C  
Origin WASH ST

Ref. PORT OLYM  
Grid

DESCRIPTION

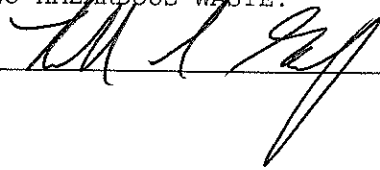
Scale 3 Gross Wt.	95440LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40200LB	Roll-Off	
Net Wt.	55240LB	TON	27.62

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



Richard

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1003</b>		2. Page	
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501							
4. Generator's Phone 360.528.8020 (Rachel Jamison)							
5. Transporter 1 Company Name <i>Celorie Bros. dump trucking</i>		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name <i>ill.</i>		8. US EPA ID Number		B. Transporter 1 Phone			
				C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		E. State Facility's ID			
				F. Facility's Phone <b>541.296.4082</b>			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs				No. <b>2</b>		Type <b>muck + pup</b>	
						~ 25	
						CY	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name Chris Waldron (for the Port of Olympia)				Signature <i>for Chris Waldron</i> <i>[Signature]</i>		Date Month Day Year <b>4   12   09</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name <i>Richard L. Cready</i>		Signature <i>[Signature]</i>	
						Date Month Day Year <b>4   12   09</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature	
						Date Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Tracy Cole</i>				Signature <i>[Signature]</i>		Date Month Day Year <b>4   12   09</b>	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286447  
Date In 04/12/19  
Time In 11:41:14  
Date Out 04/12/19  
Time Out 12:10:40

TRACY C  
Origin WASH ST

Ref. PORT OLYM  
Grid

DESCRIPTION

Scale 3 Gross Wt.	102620LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39640LB	Roll-Off	
Net Wt.	62980LB	TON	31.49

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 21

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1004**

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name  
*Celorie Bros. dump trucking inc.*

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address  
**Wasco County Landfill**  
**2550 Steele Road**  
**The Dalles, OR 97058**

10. US EPA ID Number  
**9 8 0 6 3 9 6 9 4**

E. State Facility's ID

F. Facility's Phone  
541.296.4082

11. WASTE DESCRIPTION

12. Containers	13. Total Quantity	14. Unit Wt./Vol.
No. Type		
2	~ 25	CY

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

truck  
in  
pup

b.

c.

d.

Stackpile A (+B)

G. Additional Descriptions for Materials Listed Above  
Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

By *Chris Waldron*

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>[Signature]</i>	Date Month Day Year 29   12   17
---	---------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <b>CELORIE BROS Rick CLARK</b>	Signature <i>[Signature]</i>	Date Month Day Year 4   12   19

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name <i>Tracy Cole</i>	Signature <i>[Signature]</i>	Date Month Day Year 4   12   19
---	---------------------------------	---------------------------------------

NON-HAZARDOUS WASTE GENERATOR

### Material Analysis Report by Account

Inbound and outbound materials for the period 04/15/2019 - 04/15/2019  
Detailed Report for Sites: 1, 2

Accounts 937 - 937 Customer Types - Z Materials - ZZZZZZZZZ Material Types - ZZ

Date	Material Type	Customer Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
04/15/19	PCS-O	937	P	01-00286583	0	0	30.30	30.30	411.47
04/15/19	PCS-O	937	P	01-00286586	0	0	32.64	32.64	443.25
04/15/19	PCS-O	937	P	01-00286594	0	0	30.62	30.62	415.82
04/15/19	PCS-O	937	P	01-00286595	0	0	31.65	31.65	429.81
04/15/19	PCS-O	937	P	01-00286596	0	0	30.38	30.38	412.56
04/15/19	PCS-O	937	P	01-00286613	0	0	29.73	29.73	403.73
<b>3RD GEN INVESTMENT GROUP 2 LLC</b>				<b>6</b>	<b>0</b>	<b>0</b>	<b>185.32</b>	<b>185.32</b>	<b>2,516.64</b>
<b>Average</b>					<b>0</b>	<b>0</b>	<b>30.89</b>	<b>30.89</b>	<b>419.44</b>
<b>Report Total</b>				<b>6</b>	<b>0</b>	<b>0</b>	<b>185.32</b>	<b>185.32</b>	<b>2,516.64</b>
<b>Report Average</b>					<b>0</b>	<b>0</b>	<b>30.89</b>	<b>30.89</b>	<b>419.44</b>

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286583  
Date In 04/15/19  
Time In 11:14:36  
Date Out 04/15/19  
Time Out 12:01:21

Weighmaster:Linda  
Origin WASH ST

Ref. 1007  
Grid

DESCRIPTION

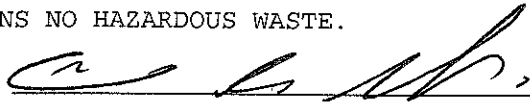
Scale 3 Gross Wt.	101620LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41020LB	Roll-Off	
Net Wt.	60600LB	TON	30.30

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1007</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name <b>Dietrich Trucking LLC</b>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
		C. State Transporter's ID		
		D. Transporter 2 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>	E. State Facility's ID	
		F. Facility's Phone <b>541.296.4082</b>		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	ruck r pup	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>	Signature <i>Chris Waldron</i>	Date Month Day Year <b>4   15   19</b>
--	-----------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <b>William L. Hersha JR.</b>	Signature <i>William L. Hersha JR.</i>	Date Month Day Year <b>4   15   19</b>

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name <b>Linda Miller</b>	Signature <i>Linda Miller</i>	Date Month Day Year <b>04   15   19</b>

NON-HAZARDOUS WASTE GENERATOR

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286586  
Date In 04/15/19  
Time In 11:26:13  
Date Out 04/15/19  
Time Out 11:51:31

Weighmaster:Linda  
Origin WASH ST

Ref. PORT OLY  
Grid

# 1006

DESCRIPTION

Scale 3 Gross Wt.	105220LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39940LB	Roll-Off	
Net Wt.	65280LB	TON	32.64

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1006</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>				
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>				
5. Transporter 1 Company Name <b>Dietrich Trucking LLC</b>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone <b>541.296.4082</b>		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No.   Type 1   truck n pup	~25	cy
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i>		Date Month   Day   Year <b>4   15   19</b>
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Eric D. Bjure</i>		Date Month   Day   Year <b>4   15   19</b>
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		Signature <i>Linda Miller</i>		Date Month   Day   Year <b>04   15   19</b>

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286594  
Date In 04/15/19  
Time In 12:17:46  
Date Out 04/15/19  
Time Out 12:40:07

Weighmaster:Linda  
Origin WASH ST

Ref. 1005  
Grid

DESCRIPTION

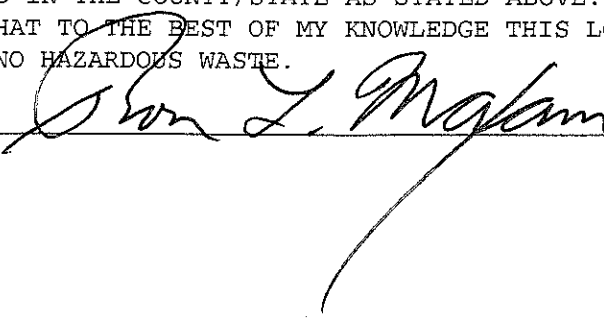
Scale 3 Gross Wt.	102060LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40820LB	Roll-Off	
Net Wt.	61240LB	TON	30.62

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



A handwritten signature in black ink, appearing to read "John L. Makam", is written over a horizontal line. The signature is cursive and extends slightly below the line.

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1005</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>					
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>					
5. Transporter 1 Company Name <b>Dietrich Trucking</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name <b>LCC</b>		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
				<b>truck in pup</b>	<b>~28 CY</b>
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>For Chris Waldron</i>		Date Month Day Year <b>4   15   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>Ron L. Maxam</b>		Signature <i>Ron L. Maxam</i>	
				Date Month Day Year <b>4   15   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
				Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Linda Miller</b>		Signature <i>Linda Miller</i>		Date Month Day Year <b>04   15   19</b>	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286595  
Date In 04/15/19  
Time In 12:18:41  
Date Out 04/15/19  
Time Out 12:43:44

Weighmaster:Linda  
Origin WASH ST

Ref. 1008  
Grid

DESCRIPTION

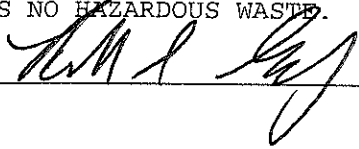
Scale 3 Gross Wt.	103620LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40320LB	Roll-Off	
Net Wt.	63300LB	TON	31.65

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 23

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1009</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>					
5. Transporter 1 Company Name <i>Chlorine Bros Dump Trucking</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
				C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			1	truck in PUP	~25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers. Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waidron (for the Port of Olympia)</b>		Signature <i>for Chris Waidron</i> <i>C. Waidron</i>		Date Month Day Year <b>4 15 19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Richard L Cuddy</i>		Date Month Day Year <b>4 15 19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Linda Miller</i>		Signature <i>Linda Miller</i>		Date Month Day Year <b>04 15 19</b>	

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286596  
Date In 04/15/19  
Time In 12:19:27  
Date Out 04/15/19  
Time Out 12:48:21

Weighmaster:Linda  
Origin WASH ST

Ref. 1009  
Grid

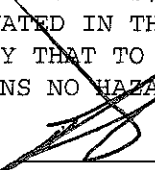
DESCRIPTION

Scale 3 Gross Wt.	101240LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40480LB	Roll-Off	
Net Wt.	60760LB	TON	30.38

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature 

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1009	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Celove Bros. Dump Trucking	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	TRUCK n PUP	~ 25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.



16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>for Chris Waldron</i> 	Date 4   15   19
---	---	---------------------

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Richard Beppelitz	Signature 	Date 4   15   19
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18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date
---	-----------	------

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name Linda Miller	Signature 	Date 04   15   19
---	---------------	----------------------

NON-HAZARDOUS WASTE GENERATOR SITE

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286613  
Date In 04/15/19  
Time In 13:10:43  
Date Out 04/15/19  
Time Out 13:30:42

Weighmaster:Linda  
Origin WASH ST

Ref. 1010  
Grid

DESCRIPTION

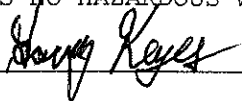
Scale 3 Gross Wt.	100500LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41040LB	Roll-Off	
Net Wt.	59460LB	TON	29.73

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8538

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1010	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name <i>Dietrich Trucking LLC</i>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck n pup	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>Chris Waldron</i>	Date Month Day Year 4   15   19
---	-----------------------------------	---------------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <i>HARRY KEYES</i>	Signature <i>Harry Keyes</i>	Date Month Day Year 4   15   19

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature <i>Harry Keyes</i>	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name <i>Linda Miller</i>	Signature <i>Linda Miller</i>	Date Month Day Year ndc 12 19
---	----------------------------------	-------------------------------------

NON-HAZARDOUS WASTE GENERATOR SITE

Date 04/16/19  
Time 16:09:13

Masco County Landfill

Page 1

### Material Analysis Report by Account

Inbound and outbound materials for the period 04/16/2019 - 04/16/2019  
 Detailed Report for Sites: 1, 2  
 Accounts 937 - 937 Customer Types - Z ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. Vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
04/16/19	PCS-O	S	937	P	01-00286722	0	0	0	30.28	30.28	411.20
04/16/19	PCS-O	S	937	P	01-00286723	0	0	0	32.76	32.76	444.88
04/16/19	PCS-O	S	937	P	01-00286725	0	0	0	31.43	31.43	426.82
04/16/19	PCS-O	S	937	P	01-00286729	0	0	0	31.86	31.86	432.66
04/16/19	PCS-O	S	937	P	01-00286730	0	0	0	30.96	30.96	420.44
04/16/19	PCS-O	S	937	P	01-00286745	0	0	0	31.83	31.83	432.25
<b>3RD GEN INVESTMENT GROUP 2 LLC</b>						<b>6</b>	<b>0</b>	<b>0</b>	<b>189.12</b>	<b>189.12</b>	<b>2,568.25</b>
<b>Average</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>31.52</b>	<b>31.52</b>	<b>428.04</b>
<b>Report Total</b>						<b>6</b>	<b>0</b>	<b>0</b>	<b>189.12</b>	<b>189.12</b>	<b>2,568.25</b>
<b>Report Average</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>31.52</b>	<b>31.52</b>	<b>428.04</b>

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286722  
Date In 04/16/19  
Time In 11:13:54  
Date Out 04/16/19  
Time Out 11:43:37

TRACY C  
Origin WASH ST

Ref. 1014  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101580LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41020LB	Roll-Off	
Net Wt.	60560LB	TON	30.28

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1014	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Petrich Trucking LLC	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No. Type 1 truck in pup	~25	cy
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>Chris Waldron</i>	Date 4   16   19	
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name William L. Hersha Jr.		Signature <i>William L. Hersha Jr.</i>	Date 4   16   19	
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature	Date	
19. Discrepancy Indication Space				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature	Date	

GENERATOR SITE

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286723  
Date In 04/16/19  
Time In 11:22:26  
Date Out 04/16/19  
Time Out 11:49:36

TRACY C  
Origin WASH ST

Ref. 1011  
Grid

DESCRIPTION

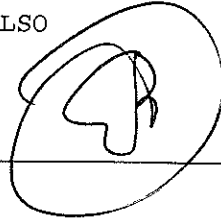
Scale 3 Gross Wt.	105460LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39940LB	Roll-Off	
Net Wt.	65520LB	TON	32.76

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1011	2. Page
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3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501	
4. Generator's Phone 360.528.8020 (Rachel Jamison)	

5. Transporter 1 Company Name Diemich Trucking LLC.	6. US EPA ID Number	A. State Transporter's ID	B. Transporter 1 Phone
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	D. Transporter 2 Phone
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in dump	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.
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16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>Chris Waldron</i>	Date 4   16   19
---	-----------------------------------	---------------------

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <i>Eric Burr</i>	Signature <i>Eric Burr</i>	Date 4   16   19

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date

19. Discrepancy Indication Space		
----------------------------------	--	--

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name	Signature	Date

NON-HAZARDOUS WASTE GENERATOR SITE

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286725  
Date In 04/16/19  
Time In 11:36:47  
Date Out 04/16/19  
Time Out 12:00:30

TRACY C  
Origin WASH ST

Ref. 1012  
Grid

DESCRIPTION

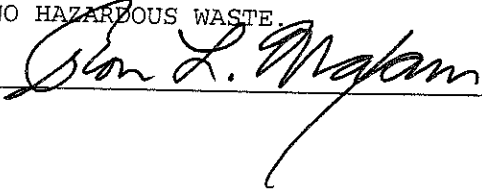
Scale 3 Gross Wt.	103700LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40840LB	Roll-Off	
Net Wt.	62860LB	TON	31.43

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. 1012	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name Dietrich Trucking LLC		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 541.296.4082	
11. WASTE DESCRIPTION a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			12. Containers		13. Total Quantity
			No.	Type	Unit
			1	truck + pup	~ 25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)				Signature <i>Chris Waldron</i>	
				Date 4   16   19	
17. Transporter 1 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name Ron L. Maxam		Signature <i>Ron L. Maxam</i>		Date 4   16   19	
18. Transporter 2 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name		Signature		Month   Day   Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name				Signature	
				Date Month   Day   Year	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286729  
Date In 04/16/19  
Time In 11:46:21  
Date Out 04/16/19  
Time Out 12:07:07

TRACY C  
Origin WASH ST

Ref. 1016  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104220LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40500LB	Roll-Off	
Net Wt.	63720LB	TON	31.86

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 23

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1016	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Celoria Bros Dump Trucking inc.	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	muck n pup	~ 25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>Chris Waldron</i>	Date Month Day Year 4   16   19
17. Transporter 1 Acknowledgement of Receipt of Materials	Signature <i>Richard Baptiste</i>	Date Month Day Year 4   16   19
18. Transporter 2 Acknowledgement of Receipt of Materials	Signature	Date
19. Discrepancy Indication Space		
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name	Signature	Date Month Day Year

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937

3RD GEN INVESTMENT GROUP 2 LLC

PO BOX 7534

OLYMPIA WA 98507

Site 01  
Ticket 00286730  
Date In 04/16/19  
Time In 11:47:07  
Date Out 04/16/19  
Time Out 12:12:45

TRACY C

Origin

WASH ST

Ref. 1015

Grid

DESCRIPTION

Scale 3 Gross Wt.	102240LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40320LB	Roll-Off	
Net Wt.	61920LB	TON	30.96

PETR CONT SOIL - OUT per TON

PO # 2042-19-050

NOTE

DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature

RLC

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1015	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Celoria Bros. Dump Trucking inc		6. US EPA ID Number		A. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID
				D. Transporter 2 Phone
				E. State Facility's ID
				F. Facility's Phone 541.296.4082
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit
		No.	Type	WL/Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		1	on truck in RVP	~25 CY
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i> <i>CWL</i>		Date Month Day Year 4   16   19
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Richard H. Coody</i> <i>RHC</i>		Date Month Day Year 4   16   19
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature		Date Month Day Year

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286745  
Date In 04/16/19  
Time In 13:35:47  
Date Out 04/16/19  
Time Out 13:54:14

TRACY C  
Origin WASH ST

Ref. 1013  
Grid

DESCRIPTION

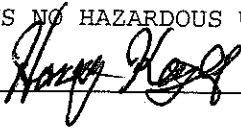
Scale 3 Gross Wt.	104840LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41180LB	Roll-Off	
Net Wt.	63660LB	TON	31.83

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8538

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No.

1013

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name  
Demich Trucking LLC

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address  
Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone  
541.296.4082

11. WASTE DESCRIPTION

12. Containers

13. Total Quantity

14. Unit Wt./Vol.

No.

Type

a.

b.

c.

d.

Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

truck  
n  
pup

~25

cy

G. Additional Descriptions for Materials Listed Above  
Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

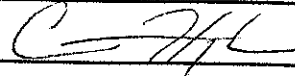
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

for Chris Waldron

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

Signature



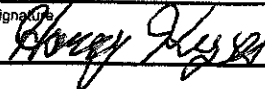
Date

Month Day Year  
4 16 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
HARRY KEYES

Signature



Date

Month Day Year  
4 16 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Date

Month Day Year

GENERATOR SITE

NON-HAZARDOUS

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286854  
Date In 04/17/19  
Time In 10:55:36  
Date Out 04/17/19  
Time Out 11:22:29

Weighmaster:Linda  
Origin WASH ST

Ref. 1017  
Grid


DESCRIPTION

Scale 3 Gross Wt.	105020LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39880LB	Roll-Off	
Net Wt.	65140LB	TON	32.57

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_ 

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1017</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>				
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>				
5. Transporter 1 Company Name <b>Dervish Trucking LLC</b>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		C. State Transporter's ID		
10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone <b>541.296.4082</b>		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck pup	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above <b>Waste is from the Westman Mill Construction Site which is located at the Corner of State St. &amp; Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220</b>	H. Handling Codes for Wastes Listed Above
---	---

15. Special Handling Instructions and Additional Information  
**Disposal is restricted to WASCO County Landfill only.**

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>	Signature <i>for Chris Waldron</i> <b>[Signature]</b>	Date Month Day Year <b>4   17   19</b>
--	---	--

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <b>[Signature]</b>	Signature <b>[Signature]</b>	Date Month Day Year <b>4   17   19</b>

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name <b>[Signature]</b>	Signature <b>[Signature]</b>	Date Month Day Year <b>04   17   19</b>

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER

FACILITY



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286859  
Date In 04/17/19  
Time In 11:05:02  
Date Out 04/17/19  
Time Out 11:30:48

Weighmaster:Linda  
Origin WASH ST

Ref. 1019  
Grid

DESCRIPTION

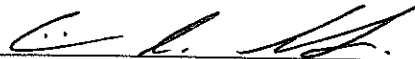
Scale 3 Gross Wt.	105820LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40960LB	Roll-Off	
Net Wt.	64860LB	TON	32.43

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1019</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Dietrich Trucking LLC</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
8. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
11. WASTE DESCRIPTION				D. Transporter 2 Phone	
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		12. Containers No. Type 1 truck in pup		13. Total Quantity ~25	
b.				14. Unit Wt./Vol. CY	
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>Chris Waldron</i>		Date Month Day Year 4   17   19	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>William L. Kerba JR.</i>		Signature <i>William L. Kerba JR.</i>		Date Month Day Year 4   17   19	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Linda Miller</i>		Signature <i>Linda Miller</i>		Date Month Day Year <i>4/17/19</i>	

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286860  
Date In 04/17/19  
Time In 11:05:47  
Date Out 04/17/19  
Time Out 11:33:29

Weighmaster:Linda  
Origin WASH ST

Ref. 1020  
Grid

DESCRIPTION

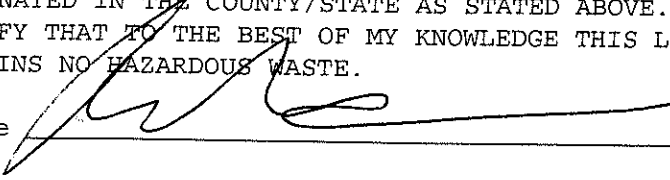
Scale 3 Gross Wt.	104060LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40000LB	Roll-Off	
Net Wt.	64060LB	TON	32.03

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8526

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



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# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1020</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name <i>Dierich Trucking LLC</i>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
11. WASTE DESCRIPTION a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		12. Containers No.   Type 1   truck DUP	13. Total Quantity ~ 25	14. Unit CY
		b. c. d.		
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i>		Date Month   Day   Year 4   17   19
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>[Signature]</i>		Signature <i>RANDON MITCHELL</i>		Date Month   Day   Year 4   17   19
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month   Day   Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name <i>Linda Miller</i>		Signature <i>Linda Miller</i>		Date Month   Day   Year 04   17   19

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSFER-FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286870  
Date In 04/17/19  
Time In 11:35:14  
Date Out 04/17/19  
Time Out 11:56:59

Weighmaster:Linda  
Origin WASH ST

Ref. 1018  
Grid

DESCRIPTION

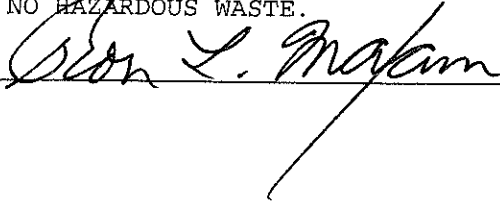
Scale 3 Gross Wt.	102380LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40820LB	Roll-Off	
Net Wt.	61560LB	TON	30.78

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8523

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



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# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / .a	Manifest Document No. <b>1018</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>			
5. Transporter 1 Company Name <b>Dietrich Trucking LLC</b>	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		C. State Transporter's ID	
10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone <b>541.296.4082</b>	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	TRUCK in DUP	~ 25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
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15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.

**16. GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>	Signature <i>Chris Waldron</i>	Date Month Day Year <b>4   17   19</b>
--	-----------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>Ron Maxam</b>	Signature <i>Ron Maxam</i>	Date Month Day Year <b>4   19   19</b>
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18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
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19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.	Signature	Date Month Day Year
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NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286872  
Date In 04/17/19  
Time In 11:45:42  
Date Out 04/17/19  
Time Out 12:10:40

TRACY C  
Origin WASH ST

Ref. 1021  
Grid

DESCRIPTION

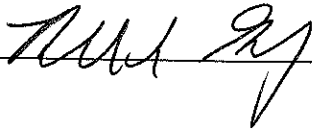
Scale 3 Gross Wt.	100960LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40320LB	Roll-Off	
Net Wt.	60640LB	TON	30.32

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1021</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name <i>Elorie Bros. Dump Trucking Inc.</i>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>	C. State Transporter's ID	
		D. Transporter 2 Phone		E. State Facility's ID
		F. Facility's Phone <b>541.296.4082</b>		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No.   Type 1   truck " pyp	~ 25	cy
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
<b>16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.</b>				
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>Chris Waldron</i>	Date Month Day Year <b>4   17   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>Richard L. Cusady</i>		Signature <i>Richard L. Cusady</i>	Date Month Day Year <b>4   17   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature	Date Month Day Year	
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature	Date Month Day Year	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00286873  
Date In 04/17/19  
Time In 11:47:04  
Date Out 04/17/19  
Time Out 12:23:53

TRACY C  
Origin WASH ST

Ref. CELORIE 21  
Grid

DESCRIPTION

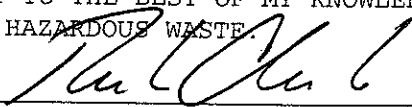
Scale 3 Gross Wt.	103400LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39840LB	Roll-Off	
Net Wt.	63560LB	TON	31.78

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 21

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



Reck

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1022	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Celorie Bros Dump Trucking Inc.	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit W/LVol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No.   Type 1   truck in pup	~25	cy
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>Chris Waldron</i>		Date Month Day Year 4   17   19
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name CELORIE BROS TRUCKING INC		Signature <i>Paul Celorie</i>		Month Day Year 4   17   19
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature		Date Month Day Year

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287000  
Date In 04/18/19  
Time In 10:39:34  
Date Out 04/18/19  
Time Out 11:03:27

Weighmaster:Linda  
Origin WASH ST

Ref. 1023  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105840LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39680LB	Roll-Off	
Net Wt.	66160LB	TON	33.08

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Unit or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1023**

2. Page

3. Generator's Name and Mailing Address  
**Port of Olympia**  
**606 Columbia St NW, Ste 300. Olympia, WA 98501**

4. Generator's Phone **360.528.8020 (Rachel Jamison)**

5. Transporter 1 Company Name  
**Dietrich Trucking LLC**

6. US EPA ID Number

A. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 1 Phone

9. Designated Facility Name and Site Address

**Wasco County Landfill**  
**2550 Steele Road**  
**The Dalles, OR 97058**

10. US EPA ID Number  
**9 8 0 6 3 9 6 9 4**

C. State Transporter's ID

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone  
**541.296.4082**

11. WASTE DESCRIPTION

a. **Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs**

12. Containers

No.	Type	13. Total Quantity	14. Unit Wt/Vol.
1	truck DUP	~ 25	kg

GENERATOR SITE

NON-HAZARDOUS WASTE

G. Additional Descriptions for Materials Listed Above  
Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
**Chris Waldron (for the Port of Olympia)**

Signature  
*Chris Waldron*

Date  
Month Day Year  
**7 18 19**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
**ERIC BUR**

Signature  
*Eric Bur*

Date  
Month Day Year  
**4 18 19**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date  
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name  
**Linda Miller**

Signature  
*Linda Miller*

Date  
Month Day Year  
**04 18 19**

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287003  
Date In 04/18/19  
Time In 10:53:19  
Date Out 04/18/19  
Time Out 11:15:59

TRACY C  
Origin WASH ST

Ref. 1024  
Grid

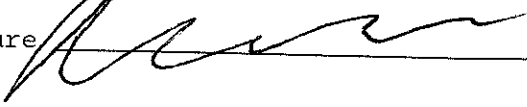
		DESCRIPTION	
Scale 3 Gross Wt.	101280LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40060LB	Roll-Off	
Net Wt.	61220LB	TON	30.61

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8526

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



---

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1024**

2. Page

3. Generator's Name and Mailing Address  
**Port of Olympia**  
**606 Columbia St NW, Ste 300. Olympia, WA 98501**

4. Generator's Phone **360.528.8020 (Rachel Jamison)**

5. Transporter 1 Company Name

**Derrich Trucking LLC**

6. US EPA ID Number

8. US EPA ID Number

7. Transporter 2 Company Name

9. Designated Facility Name and Site Address

**Wasco County Landfill**  
**2550 Steele Road**  
**The Dalles, OR 97058**

10. US EPA ID Number  
**9 8 0 6 3 9 6 9 4**

A. State Transporter's ID

B. Transporter 1 Phone

C. State Transporter's ID

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone

**541.296.4082**

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1	1500 5 250	~25	CY

b.   
c.   
d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name

**Chris Waldron (for the Port of Olympia)**

Signature

*Chris Waldron*

Date

Month Day Year  
**7 | 18 | 19**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

**BRANDEN MITCHELL**

Signature

*Branden Mitchell*

Date

Month Day Year  
**4 | 18 | 19**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

**Tracy Cole**

Signature

*Tracy Cole*

Date

Month Day Year  
**4 | 18 | 19**

NON-HAZARDOUS WASTE

GENERATOR SITE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287010  
Date In 04/18/19  
Time In 11:16:34  
Date Out 04/18/19  
Time Out 11:39:43

TRACY C  
Origin WASH ST

Ref. 1025  
Grid

DESCRIPTION

Scale 3 Gross Wt.	92100LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39040LB	Roll-Off	
Net Wt.	53060LB	TON	26.53

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8539

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1025**

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

*Dietman Trucking LLC*

6. US EPA ID Number

A. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 1 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number

9 8 0 6 3 9 6 9 4

C. State Transporter's ID

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

1

truck  
in  
pump

~25

cy

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers. Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name

Chris Waldron (for the Port of Olympia)

Signature

*for Chris Waldron*

Date

Month Day Year  
4 | 18 | 19

Printed/Typed Name

Signature

Date

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Tracy Cole

Signature

*Tracy Cole*

Date

Month Day Year  
4 | 18 | 19

NON-HAZARDOUS WASTE

GENERATOR SITE

TRANSPORTER

FACILITY



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287018  
Date In 04/18/19  
Time In 11:50:57  
Date Out 04/18/19  
Time Out 12:14:57

TRACY C  
Origin WASH ST

Ref. 1026  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101260LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40820LB	Roll-Off	
Net Wt.	60440LB	TON	30.22

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature

*Gene L. Makum*

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1026**

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone **360.528.8020** (Rachel Jamison)

5. Transporter 1 Company Name

**DIETRICH MUCKING LLC**

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

**Wasco County Landfill**  
**2550 Steele Road**  
**The Dalles, OR 97058**

10. US EPA ID Number

**9 8 0 6 3 9 6 9 4**

E. State Facility's ID

F. Facility's Phone

**541.296.4082**

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1 truck  
in  
PUP

~25

cy

GENERATOR

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
**Chris Waldron (for the Port of Olympia)**

Signature

*for Chris Waldron*

Date

Month Day Year  
**4 | 18 | 19**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

**Ron Maxam**

Signature

*Ron Maxam*

Date

Month Day Year  
**4 | 18 | 19**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

**Tracy Cole**

Signature

*Tracy Cole*

Date

Month Day Year  
**4 | 18 | 19**

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287021  
Date In 04/18/19  
Time In 12:05:44  
Date Out 04/18/19  
Time Out 12:31:51

TRACY C  
Origin WASH ST

Ref. 1032  
Grid

DESCRIPTION

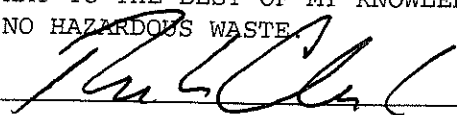
Scale 3 Gross Wt.	102620LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39680LB	Roll-Off	
Net Wt.	62940LB	TON	31.47

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 21

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1032</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>		4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>			
5. Transporter 1 Company Name <i>Calorie B &amp; Dump Trucking</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
				Truck Pup	~25 cy
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i>		Date Month Day Year <b>4 18 19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>CALORIE BROS TRUCKING</b>		Signature <i>[Signature]</i>	
				Date Month Day Year <b>4 18 19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
				Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date Month Day Year	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937

3RD GEN INVESTMENT GROUP 2 LLC

PO BOX 7534

OLYMPIA WA 98507

Site 01  
Ticket 00287025  
Date In 04/18/19  
Time In 12:27:15  
Date Out 04/18/19  
Time Out 12:57:44

TRACY C

Origin

WASH ST

Ref. 1027

Grid

DESCRIPTION

Scale 3 Gross Wt.	100580LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40220LB	Roll-Off	
Net Wt.	60360LB	TON	30.18

PETR CONT SOIL - OUT per TON

PO # 2042-19-050

NOTE

DRIVER QUIGG 53-530

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1027</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>					
5. Transporter 1 Company Name <b>Quigg Bros Inc.</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
			1	truck in pup	~25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>Chris Waldron</i>		Date Month Day Year <b>4   18   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Robert C. Mad...</i>		Date Month Day Year <b>4   18   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Tracy Cole</b>		Signature <i>Tracy Cole</i>		Date Month Day Year <b>4   18   19</b>	

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287026  
Date In 04/18/19  
Time In 12:28:46  
Date Out 04/18/19  
Time Out 12:59:12

TRACY C  
Origin WASH ST

Ref. 1028  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101800LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40300LB	Roll-Off	
Net Wt.	61500LB	TON	30.75

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-531

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1028</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>				
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>				
5. Transporter 1 Company Name <b>Quigg Bros Inc.</b>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone <b>541.296.4082</b>		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in rmp	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.



16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>	Signature <i>Chris Waldron</i>	Date Month Day Year <b>4   18   19</b>
--	-----------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>STAN OSINA</b>	Signature <i>Stan Osina</i>	Date Month Day Year <b>4   18   19</b>
--	--------------------------------	--

18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
---	-----------	------------------------

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name <b>Tracy Cole</b>	Signature <i>Tracy Cole</i>	Date Month Day Year <b>4   18   19</b>
--	--------------------------------	--

NON-HAZARDOUS WASTE GENERATOR SITE



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287027  
Date In 04/18/19  
Time In 12:29:49  
Date Out 04/18/19  
Time Out 13:00:46

TRACY C  
Origin WASH ST

Ref. 1029  
Grid

DESCRIPTION

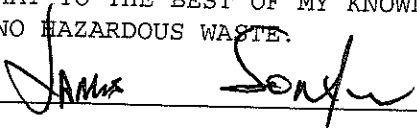
Scale 3 Gross Wt.	105380LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40500LB	Roll-Off	
Net Wt.	64880LB	TON	32.44

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-528

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1029**

2. Page

3. Generator's Name and Mailing Address  
**Port of Olympia**  
**606 Columbia St NW, Ste 300. Olympia, WA 98501**

4. Generator's Phone **360.528.8020 (Rachel Jamison)**

5. Transporter 1 Company Name

**Quigs Bros Inc.**

6. US EPA ID Number

8. US EPA ID Number

9. Designated Facility Name and Site Address

**Wasco County Landfill**  
**2550 Steele Road**  
**The Dalles, OR 97058**

10. US EPA ID Number  
**9 8 0 6 3 9 6 9 4**

A. State Transporter's ID

B. Transporter 1 Phone

C. State Transporter's ID

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone  
**541.296.4082**

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

truck  
in  
pup

~ 25

cy

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

*for Chris Waldron*

Printed/Typed Name  
**Chris Waldron (for the Port of Olympia)**

Signature

*[Signature]*

Date

Month Day Year  
**4 | 18 | 19**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

**James Sorter**

Signature

*[Signature]*

Date

Month Day Year  
**4 | 18 | 19**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

**Tracy Cole**

Signature

*[Signature]*

Date

Month Day Year  
**4 | 18 | 19**

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287028  
Date In 04/18/19  
Time In 12:30:40  
Date Out 04/18/19  
Time Out 13:02:07

TRACY C  
Origin WASH ST

Ref. 1030  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101700LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40460LB	Roll-Off	
Net Wt.	61240LB	TON	30.62

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1030

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

*Quigg Bros Inc.*

6. US EPA ID Number

A. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 1 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number

9 8 0 6 3 9 6 9 4

C. State Transporter's ID

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

TRUCK  
n  
PUP

~ 25

CY

GENERATOR

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name

Chris Waldron (for the Port of Olympia)

Signature

*for Chris Waldron*

Date

Month Day Year  
4 | 18 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

*Tony Gardner*

Signature

*Tony Gardner*

Date

Month Day Year  
4 | 18 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

*Tracy Cole*

Signature

*Tracy Cole*

Date

Month Day Year  
4 | 18 | 19

NON-HAZARDOUS WASTE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287053  
Date In 04/18/19  
Time In 14:35:26  
Date Out 04/18/19  
Time Out 14:55:39

TRACY C  
Origin WASH ST

Ref. 1050  
Grid

DESCRIPTION

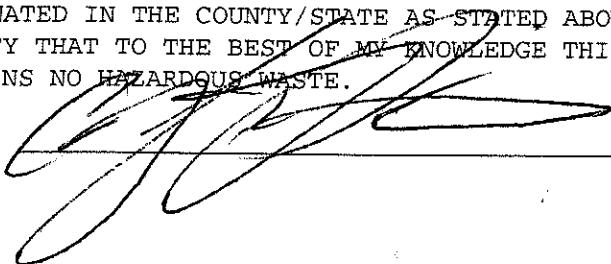
Scale 3 Gross Wt.	103160LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41820LB	Roll-Off	
Net Wt.	61340LB	TON	30.67

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8525

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature

A large, stylized handwritten signature in black ink, written over a horizontal line. The signature is cursive and somewhat illegible.

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1050</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>					
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>					
5. Transporter 1 Company Name <b>DETRICH</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
			1	TRUCK & POP	25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>Chris Waldron</i>		Date <b>04   18   2019</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>X Clay Lewitt</i>		Date <b>4   18   19</b>	
Printed/Typed Name <b>X Clay Lewitt</b>		Signature <i>X Clay Lewitt</i>		Date <b>4   18   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Tracy Cole</b>		Signature <i>Tracy Cole</i>		Date <b>4   18   19</b>	

NON-HAZARDOUS WASTE GENERATOR SITE

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287126  
Date In 04/19/19  
Time In 10:45:29  
Date Out 04/19/19  
Time Out 11:09:23

TRACY C  
Origin WASH ST

Ref. 1034  
Grid

DESCRIPTION

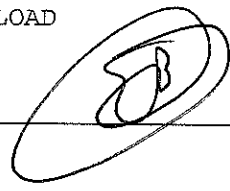
Scale 3 Gross Wt.	104880LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39700LB	Roll-Off	
Net Wt.	65180LB	TON	32.59

PETR CONT SOIL - OUT per TON

PO # 2042/19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1034</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <b>Detrich Trucking LLC</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit. WL/Vol.
				<b>truck</b>	
				<b>n. pup</b>	<b>~25</b>
					<b>cy</b>
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>Chris Waldron</i>		Date Month Day Year <b>4 17 19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>ERIC BSWA</b>		Signature <i>Eric BSWA</i>	
				Date Month Day Year <b>4 19 19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Tracy Cole</b>		Signature <i>Tracy Cole</i>		Date Month Day Year <b>4 19 19</b>	

NON-HAZARDOUS WASTE GENERATOR SITE



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287133  
Date In 04/19/19  
Time In 11:04:16  
Date Out 04/19/19  
Time Out 11:28:55

TRACY C  
Origin WASH ST

Ref. 1037  
Grid

DESCRIPTION

Scale 3 Gross Wt.	106820LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41460LB	Roll-Off	
Net Wt.	65360LB	TON	32.68

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8527

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature Bel A

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1037</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501		4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name <b>Dietrich Trucking LLC</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.   Type 1   truck n pup	~ 28	cy
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i> <i>(Signature)</i>		Date Month Day Year <b>4   19   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>B. Holloway</i>		Date Month Day Year <b>4   19   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Tracy Cole</i>		Signature <i>Tracy Cole</i>		Date Month Day Year <b>4   19   19</b>	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287140  
Date In 04/19/19  
Time In 11:40:00  
Date Out 04/19/19  
Time Out 12:04:33

TRACY C  
Origin WASH ST

Ref. 1035  
Grid

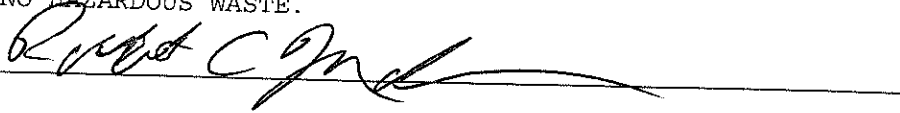
DESCRIPTION			
Scale 3 Gross Wt.	101680LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40280LB	Roll-Off	
Net Wt.	61400LB	TON	30.70

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-530

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

TRANSFER FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1035</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Quigg Bros. Inc.</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
			1	HYDRO + PUP	~ 25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i>		Date Month Day Year <b>4 12 19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <i>Rachel Jamison</i>		Signature <i>Rachel Jamison</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Tracy Cole</i>		Signature <i>Tracy Cole</i>		Date Month Day Year <b>4/19/19</b>	

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287141  
Date In 04/19/19  
Time In 11:41:01  
Date Out 04/19/19  
Time Out 12:05:52

TRACY C  
Origin WASH ST

Ref. 1036  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101740LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40400LB	Roll-Off	
Net Wt.	61340LB	TON	30.67

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-531

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1036

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

Ogg Bros Inc.

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number

9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

truck  
in  
pup

~25

cy

b.  
c.  
d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name

Chris Waldron (for the Port of Olympia)

Signature

for Chris Waldron

*[Signature]*

Date

Month Day Year  
4 | 19 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stan Asmita

Signature

*[Signature]*

Date

Month Day Year  
4 | 19 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Tracy Cole

Signature

*[Signature]*

Date

Month Day Year  
4 | 19 | 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287144  
Date In 04/19/19  
Time In 11:44:38  
Date Out 04/19/19  
Time Out 12:10:30

TRACY C  
Origin WASH ST

Ref. 1043  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105680LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40940LB	Roll-Off	
Net Wt.	64740LB	TON	32.37

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1043</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>		4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>		A. State Transporter's ID	
5. Transporter 1 Company Name <b>Dietrich Trucking LLC</b>		6. US EPA ID Number		B. Transporter 1 Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		D. Transporter 2 Phone	
11. WASTE DESCRIPTION		12. Containers		E. State Facility's ID	
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No. Type 1 nuck n pup		13. Total Quantity ~25	
b.				14. Unit WL/Vol. CY	
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i> <i>[Signature]</i>		Date Month Day Year <b>4   19   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>William L. Hersha JR.</b>		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Tracy Cole</b>		Signature <i>[Signature]</i>		Date Month Day Year <b>4   19   19</b>	

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER FACILITY



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287145  
Date In 04/19/19  
Time In 11:45:16  
Date Out 04/19/19  
Time Out 12:12:28

TRACY C  
Origin WASH ST

Ref. 1038  
Grid

DESCRIPTION

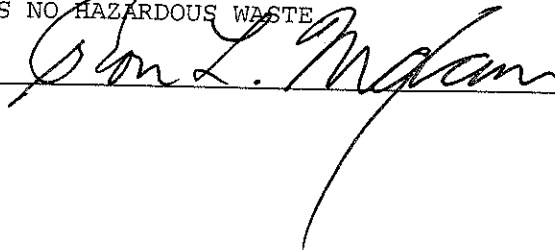
Scale 3 Gross Wt.	102920LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40760LB	Roll-Off	
Net Wt.	62160LB	TON	31.08

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE

Signature



---

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1038</b>	2. Page 1
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300, Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Dietrich Trucking LLC</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No. Type		
			1 200L n ppp	~ 25	cy
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i> <i>C Waldron</i>		Date 4   19   19	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Ron Maxam</i>		Date 4   19   19	
Printed/Typed Name <i>Ron Maxam</i>		Signature <i>Ron Maxam</i>		Date 4   19   19	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Tracy Cole</i>		Signature <i>Tracy Cole</i>		Date 4   19   19	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287147  
Date In 04/19/19  
Time In 11:46:51  
Date Out 04/19/19  
Time Out 12:22:27

TRACY C  
Origin WASH ST

Ref. 1040  
Grid

DESCRIPTION

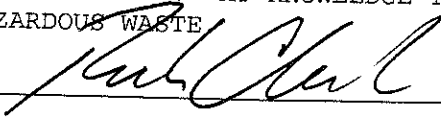
Scale 3 Gross Wt.	102260LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39740LB	Roll-Off	
Net Wt.	62520LB	TON	31.26

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 21

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1040

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

Celovie Bros Dump Trucking

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

truck  
n  
pup

~25

CY

GENERATOR

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

for Chris Waldron

Signature

Date

Month Day Year  
4 | 19 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
CELOVIE BROS TRK #21

Signature

Date

Month Day Year  
4 | 19 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Tracy Cole

Signature

Date

Month Day Year  
4 | 19 | 19

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287148  
Date In 04/19/19  
Time In 11:48:39  
Date Out 04/19/19  
Time Out 12:18:45

TRACY C  
Origin WASH ST

Ref. 1039  
Grid


DESCRIPTION

Scale 3 Gross Wt.	106720LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40440LB	Roll-Off	
Net Wt.	66280LB	TON	33.14

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 23

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature 

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1039**

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

*Celavie Bras Pump Trucking*

6. US EPA ID Number

A. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 1 Phone

C. State Transporter's ID

9. Designated Facility Name and Site Address

**Wasco County Landfill**  
**2550 Steele Road**  
**The Dalles, OR 97058**

10. US EPA ID Number  
**9 8 0 6 3 9 6 9 4**

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone  
**541.296.4082**

11. WASTE DESCRIPTION

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

1 1 truck n pup

~ 25

cy

H. Handling Codes for Wastes Listed Above

G. Additional Descriptions for Materials Listed Above  
Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
**Chris Waldron (for the Port of Olympia)**

Signature *for Chris Waldron*

Date

Month Day Year  
**4 | 19 | 19**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
**Richard Baptiste**

Signature *[Signature]*

Date

Month Day Year  
**4 | 19 | 19**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name  
**Tracy Cole**

Signature *Tracy Cole*

Date

Month Day Year  
**4 | 19 | 19**

NON-HAZARDOUS WASTE

GENERATOR SITE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287163  
Date In 04/19/19  
Time In 12:24:30  
Date Out 04/19/19  
Time Out 12:50:23

TRACY C  
Origin WASH ST

Ref. 1041  
Grid

DESCRIPTION

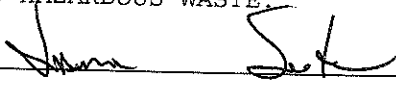
Scale 3 Gross Wt.	104340LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40620LB	Roll-Off	
Net Wt.	63720LB	TON	31.86

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-528

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1041

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

*Quigg Bros. Inc*

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number

9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

truck  
n  
mp

~ 25

cy

GENERATOR

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

*for Chris Waldron*

Signature

*[Signature]*

Date

Month Day Year  
4 19 17

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

*James Senter*

Signature

*[Signature]*

Date

Month Day Year  
4 19 17

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

*Tracy Cole*

Signature

*[Signature]*

Date

Month Day Year  
4 19 19

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287164  
Date In 04/19/19  
Time In 12:25:34  
Date Out 04/19/19  
Time Out 12:58:52

TRACY C  
Origin WASH ST

Ref. 1042  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101980LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40500LB	Roll-Off	
Net Wt.	61480LB	TON	30.74

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. 1042	2. Page			
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501								
4. Generator's Phone 360.528.8020 (Rachel Jamison)								
5. Transporter 1 Company Name Quigg Bros Inc.		6. US EPA ID Number		A. State Transporter's ID				
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone				
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID				
				D. Transporter 2 Phone				
				E. State Facility's ID				
				F. Facility's Phone 541.296.4082				
11. WASTE DESCRIPTION  a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs  b.  c.  d.			12. Containers		13. Total Quantity	14. Unit Wt./Vol.		
			No.	Type				
			1	TRUCK n DUP			~25	CY
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.								
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.								
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>Chris Waldron</i>		Date Month Day Year 4   19   19				
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Tony Gardner</i>		Signature <i>Tony Gardner</i>		Date Month Day Year 4   19   19				
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year				
19. Discrepancy Indication Space								
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.								
Printed/Typed Name <i>Tracy Cole</i>		Signature <i>Tracy Cole</i>		Date Month Day Year 4   19   19				

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

### Material Analysis Report by Account

Inbound and outbound materials for the period 04/22/2019 - 04/22/2019

Detailed Report for Sites: 1, 2

Accounts 937 - 937 Customer Types - Z Materials - ZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
04/22/19	PCS-O	S	937	P	01-00287282	0	0	0	33.20	33.20	450.86
04/22/19	PCS-O	S	937	P	01-00287283	0	0	0	31.21	31.21	423.83
04/22/19	PCS-O	S	937	P	01-00287285	0	0	0	30.91	30.91	419.76
04/22/19	PCS-O	S	937	P	01-00287289	0	0	0	32.11	32.11	436.05
04/22/19	PCS-O	S	937	P	01-00287290	0	0	0	31.77	31.77	431.44
04/22/19	PCS-O	S	937	P	01-00287291	0	0	0	31.22	31.22	423.97
04/22/19	PCS-O	S	937	P	01-00287293	0	0	0	30.81	30.81	418.40
04/22/19	PCS-O	S	937	P	01-00287294	0	0	0	32.62	32.62	442.98
04/22/19	PCS-O	S	937	P	01-00287305	0	0	0	30.87	30.87	419.21
04/22/19	PCS-O	S	937	P	01-00287306	0	0	0	31.64	31.64	429.67
<b>3RD GEN INVESTMENT GROUP 2 LLC</b>						<b>10</b>	<b>0</b>	<b>0</b>	<b>316.36</b>	<b>316.36</b>	<b>4,296.17</b>
<b>Average</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>31.64</b>	<b>31.64</b>	<b>429.62</b>
<b>Report Total</b>						<b>10</b>	<b>0</b>	<b>0</b>	<b>316.36</b>	<b>316.36</b>	<b>4,296.17</b>
<b>Report Average</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>31.64</b>	<b>31.64</b>	<b>429.62</b>

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287282  
Date In 04/22/19  
Time In 11:14:23  
Date Out 04/22/19  
Time Out 11:42:20

Weighmaster:Linda  
Origin WASH ST

Ref. 1046  
Grid

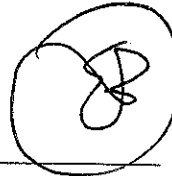
DESCRIPTION

Scale 3 Gross Wt.	106060LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39660LB	Roll-Off	
Net Wt.	66400LB	TON	33.20

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.



Signature \_\_\_\_\_

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1044</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>		4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>			
5. Transporter 1 Company Name <b>Dietrich Trucking LLC</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit WL/Vol.
			1	muck n pup	~ 25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i> 		Date Month Day Year <b>4   22   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>Eric Burr</b>		Signature 		Date Month Day Year <b>4   22   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Linda Miller</b>		Signature 		Date Month Day Year <b>04   22   19</b>	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287283  
Date In 04/22/19  
Time In 11:15:17  
Date Out 04/22/19  
Time Out 11:48:30

Weighmaster:Linda  
Origin WASH ST

Ref. 1047  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104440LB	Vehicle TRAIL	
Scale 7 Tare Wt.	42020LB	Roll-Off	
Net Wt.	62420LB	TON	31.21

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1047

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name *D. DORICH TRUCKING LLC* 6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name 8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address  
Wasco County Landfill  
2550 Steele Road

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone  
541.296.4082

The Dalles, OR 97058

11. WASTE DESCRIPTION

12. Containers		13. Total Quantity	14. Unit Wt./Vol.
No.	Type		
1	truck in pup	~25	CY

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

GENERATOR SITE

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

*For Chris Waldron*

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>[Signature]</i>	Date Month Day Year 4   22   19
---	---------------------------------	---------------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <i>Lim Haney</i>	Signature <i>[Signature]</i>	Date Month Day Year 4   22   19

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name <i>Linda Miller</i>	Signature <i>[Signature]</i>	Date Month Day Year 04   22   19
---	---------------------------------	--

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287285  
Date In 04/22/19  
Time In 11:20:43  
Date Out 04/22/19  
Time Out 11:56:36

Weighmaster:Linda  
Origin WASH ST

Ref. 1051  
Grid

DESCRIPTION

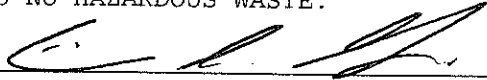
Scale 3 Gross Wt.	102760LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40940LB	Roll-Off	
Net Wt.	61820LB	TON	30.91

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

TRANSPORTER FACILITY

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1051

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

*Dietrich Trucking LLC*

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

MUCK  
in  
PUP

~ 25

CY

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name

Chris Waldron (for the Port of Olympia)

Signature

*for Chris Waldron*

Date

Month Day Year  
4 | 22 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

*William L. Harsha Jr.*

Signature

*[Signature]*

Date

Month Day Year  
4 | 22 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

*Linda Miller*

Signature

*[Signature]*

Date

Month Day Year  
04 | 22 | 19

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287289  
Date In 04/22/19  
Time In 11:50:08  
Date Out 04/22/19  
Time Out 12:16:31

Weighmaster:Linda  
Origin WASH ST

Ref. 1044  
Grid

DESCRIPTION

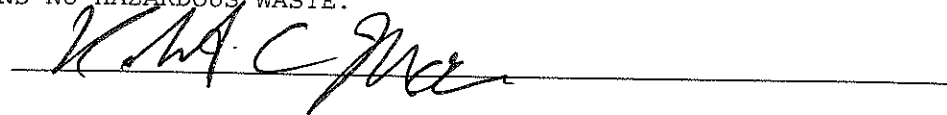
Scale 3 Gross Wt.	104500LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40280LB	Roll-Off	
Net Wt.	64220LB	TON	32.11

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUILL 53-530

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1044</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>					
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>					
5. Transporter 1 Company Name <b>Quigg Bros Inc</b>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			1	truck + pup	~ 25  oz
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>			Signature <i>Chris Waldron</i>		Date <b>4   22   19</b>
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature <i>Robert W. Mack</i>		Date <b>4   22   19</b>
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature		Date
19. Discrepancy Indication Space			Signature		Date
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name <i>Linda Miller</i>			Signature <i>Linda Miller</i>		Date <b>04   22   19</b>

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287290  
Date In 04/22/19  
Time In 11:51:25  
Date Out 04/22/19  
Time Out 12:19:05

Weighmaster:Linda  
Origin WASH ST

Ref. 1045  
Grid

DESCRIPTION

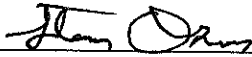
Scale 3 Gross Wt.	103840LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40300LB	Roll-Off	
Net Wt.	63540LB	TON	31.77

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUILL 53-531

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1045</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Quigg Bros. Inc</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit WL/Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			1	TRUCK in PIP	~25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>Chris Waldron</i>		Date Month Day Year <b>4   22   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>Stan Osawa</b>		Signature <i>Stan Osawa</i>	
				Date Month Day Year <b>4   22   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
				Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Linda Miller</i>		Signature <i>Linda Miller</i>		Date Month Day Year <b>04   22   19</b>	

NON-HAZARDOUS WASTE GENERATOR

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287291  
Date In 04/22/19  
Time In 11:52:10  
Date Out 04/22/19  
Time Out 12:26:30

Weighmaster:Linda  
Origin WASH ST

Ref. 1048  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103220LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40780LB	Roll-Off	
Net Wt.	62440LB	TON	31.22

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1048

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

*Dietrich Trucking LLC*

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number

9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

12. Containers

No.

Type

13. Total Quantity

14. Unit WL/Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

rustic  
in  
10yo

225

cy

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers. Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

*for Chris Waldron*

Signature

*[Signature]*

Date

Month Day Year  
4 22 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

*Ron Maxam*

Signature

*[Signature]*

Date

Month Day Year  
4 22 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

*Linda Miller*

Signature

*[Signature]*

Date

Month Day Year  
04 22 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287293  
Date In 04/22/19  
Time In 11:56:01  
Date Out 04/22/19  
Time Out 12:23:45

Weighmaster:Linda  
Origin WASH ST

Ref. 1052  
Grid

DESCRIPTION

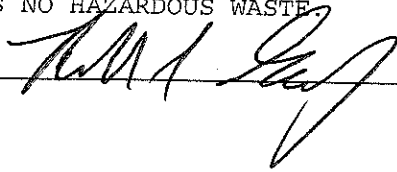
Scale 3 Gross Wt.	101940LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40320LB	Roll-Off	
Net Wt.	61620LB	TON	30.81

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE

Signature





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1052**

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name  
*Celoxie Bros Dump Trucking inc*

6. US EPA ID Number

A. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 1 Phone

C. State Transporter's ID

9. Designated Facility Name and Site Address

**Wasco County Landfill**  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
**9 8 0 6 3 9 6 9 4**

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone  
**541.296.4082**

11. WASTE DESCRIPTION

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

12. Containers No. Type 13. Total Quantity 14. Unit Wt./Vol.

1	Truck r pup	~ 35	cy

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
**Chris Waldron (for the Port of Olympia)**

Signature *for Chris Waldron*

Date  
Month Day Year  
**4 | 22 | 19**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
*Richard L Cready*

Signature *Richard L Cready*

Date  
Month Day Year  
**4 | 22 | 19**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date  
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name  
*Linda Miller*

Signature *Linda Miller*

Date  
Month Day Year  
**04 | 22 | 19**

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287294  
Date In 04/22/19  
Time In 11:58:27  
Date Out 04/22/19  
Time Out 12:28:27

Weighmaster:Linda  
Origin WASH ST

Ref. 1053  
Grid

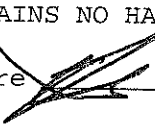
DESCRIPTION

Scale 3 Gross Wt.	105700LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40460LB	Roll-Off	
Net Wt.	65240LB	TON	32.62

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 23

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature 

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter):

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1053

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name  
Celovic Bros Dump Trucking Inc

6. US EPA ID Number

A. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 1 Phone

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number

9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

12. Containers		13. Total Quantity	14. Unit Wt./Vol.
No.	Type		
1	drum n pup	~ 25	cy

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

Signature

*for Chris Waldron*  
*[Signature]*

Date

Month Day Year  
4 | 22 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

*Richard Bechtel*

Signature

*[Signature]*

Date

Month Day Year  
4 | 22 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

*Linda Miller*

Signature

*[Signature]*

Date

Month Day Year  
4 | 22 | 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287305  
Date In 04/22/19  
Time In 12:30:04  
Date Out 04/22/19  
Time Out 12:58:59

Weighmaster:Linda  
Origin WASH ST

Ref. 1049  
Grid

DESCRIPTION

Scale 3 Gross Wt.	102340LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40600LB	Roll-Off	
Net Wt.	61740LB	TON	30.87

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-528

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1049</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501		4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name <i>Quigg Bros Inc</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No. Type		
			1	MUCK in PUP	~25
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>Chris Waldron</i>		Date Month Day Year <b>4   22   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>James Sarter</b>		Signature <i>James Sarter</i>		Date Month Day Year <b>4   21   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Linda Miller</b>		Signature <i>Linda Miller</i>		Date Month Day Year <b>04   22   19</b>	

NON-HAZARDOUS WASTE SITE GENERATOR

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287306  
Date In 04/22/19  
Time In 12:31:43  
Date Out 04/22/19  
Time Out 13:01:20

Weighmaster:Linda  
Origin WASH ST

Ref. 1054  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103720LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40440LB	Roll-Off	
Net Wt.	63280LB	TON	31.64

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1054</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Ruig Bros inc</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			1	TRUCK in PIP	~ 25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>Chris Waldron</i>		Date <b>4   22   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>Tony Gardner</b>		Signature <i>Tony Gardner</i>	
				Date <b>4   22   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
				Date	
				Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Linda Miller</b>		Signature <i>Linda Miller</i>		Date <b>04   22   19</b>	

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287417  
Date In 04/23/19  
Time In 10:39:59  
Date Out 04/23/19  
Time Out 11:00:37

TRACY C  
Origin WASH ST

Ref. 1065  
Grid


DESCRIPTION

Scale 3 Gross Wt.	107220LB	Vehicle TRAIL	
Scale 7 Tare Wt.	38800LB	Roll-Off	
Net Wt.	68420LB	TON	34.21

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8531

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature 



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on ellipse (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n/a	
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300, Olympia, WA 98501		4. Generator's Phone 360.528.8020 (Rachel Jamison)	
5. Transporter 1 Company Name Deer Creek Trucking, LLC		6. US EPA ID Number	
7. Transporter 2 Company Name		8. US EPA ID Number	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4	
F. Facility's Phone 541.296.4082		13. Containers	
E. State Facility's ID		14. Unit	
D. Transporter 2 Phone		15. Total Quantity	
C. State Transporter's ID		16. Type	
B. Transporter 1 Phone		17. No.	
A. State Transporter's ID		18. Type	

11. WASTE DESCRIPTION			
a.	Non-Hazardous waste, Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	Truck
b.			
c.			
d.			

G. Additional Descriptors for Materials Listed Above  
Waste is from the Westman Mill Construction site which is located at the corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTC Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers  
Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>[Signature]</i>		Date 4/23/19	
Printed/Typed Name Matt Hardie		Signature <i>[Signature]</i>		Date 4/23/19	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space		Signature		Date	
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		Signature		Date	

Y T I L L I C A T I O N  
 NON-HAZARDOUS WASTE  
 NO-HAZARDOUS WASTE  
 NON-HAZARDOUS WASTE SITE

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287423  
Date In 04/23/19  
Time In 10:59:20  
Date Out 04/23/19  
Time Out 11:27:58

TRACY C  
Origin WASH ST

Ref. 1056  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104460LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39860LB	Roll-Off	
Net Wt.	64600LB	TON	32.30

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. 1056	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501		4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Dietrich Trucking LLC		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 541.296.4082	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No. 1	Type truck n pep	~25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i>		Date Month Day Year 4   23   19	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Eric Dur		Signature <i>Eric Dur</i>		Date Month Day Year 4   23   19	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date Month Day Year	

NON-HAZARDOUS WASTE GENERATOR

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287427  
Date In 04/23/19  
Time In 11:04:40  
Date Out 04/23/19  
Time Out 11:30:01

TRACY C  
Origin WASH ST

Ref. 1057  
Grid

DESCRIPTION

Scale 3 Gross Wt.	106460LB	Vehicle TRAIL	
Scale 7 Tare Wt.	42100LB	Roll-Off	
Net Wt.	64360LB	TON	32.18

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

*Tim Horne*

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1057</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Dietrich Trucking LLC</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			1	truck n dup	~25 cy
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i> <i>[Signature]</i>		Date Month Day Year <b>4   23   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <i>Tim Harvey</i>		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Date Month Day Year <b>4   23   19</b>	
19. Discrepancy Indication Space		Signature		Date Month Day Year	
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date Month Day Year	

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287434  
Date In 04/23/19  
Time In 11:30:00  
Date Out 04/23/19  
Time Out 11:54:58

TRACY C  
Origin WASH ST

Ref. 1061  
Grid

DESCRIPTION

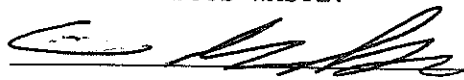
Scale 3 Gross Wt.	104700LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40960LB	Roll-Off	
Net Wt.	63740LB	TON	31.87

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1061	2. Page	
	3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
	4. Generator's Phone 360.528.8020 (Rachel Jamison)			
	5. Transporter 1 Company Name Dierich Trucking LLC	6. US EPA ID Number	A. State Transporter's ID	
	7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
	9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058	10. US EPA ID Number 9 8 0 6 3 9 6 9 4	C. State Transporter's ID	
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	
a.		No.	Type	
Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		1	TRUCK in PUP	
			~25	
b.			CY	
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>For Chris Waldron</i> C. Waldron	Date Month Day Year 4   23   15	
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name William L. Hersha JR.		Signature <i>William L. Hersha JR.</i>	Date Month Day Year 4   23   19	
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature	Month Day Year	
19. Discrepancy Indication Space				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature	Date Month Day Year	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287435  
Date In 04/23/19  
Time In 11:30:45  
Date Out 04/23/19  
Time Out 11:53:02

TRACY C  
Origin WASH ST

Ref. 1059  
Grid

DESCRIPTION

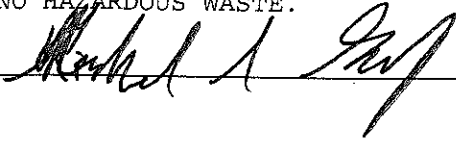
Scale 3 Gross Wt.	100980LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40300LB	Roll-Off	
Net Wt.	60680LB	TON	30.34

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1059

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name  
Clerie Bros Dump Trucking LLC

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone  
541.296.4082

11. WASTE DESCRIPTION

12. Containers

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

No.	Type
1	TRUCK n DUP

~ 25

CY

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

Signature

for Chris Waldron

Date

Month Day Year  
4 | 23 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Richard L. Cuddy

Signature

[Signature]

Date

Month Day Year  
4 | 23 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Date

Month Day Year

NON-HAZARDOUS WASTE

GENERATOR SITE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287437  
Date In 04/23/19  
Time In 11:33:30  
Date Out 04/23/19  
Time Out 12:07:39

TRACY C  
Origin WASH ST

Ref. 1063  
Grid

		DESCRIPTION		
Scale 3 Gross Wt.	104120LB	Vehicle TRAIL		
Scale 7 Tare Wt.	40260LB	Roll-Off		
Net Wt.	63860LB	TON	31.93	

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-530

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1063</b> <del>1031</del>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name <i>Quigg Bros Inc</i>	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		C. State Transporter's ID	
10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in PUP	25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

**16. GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

*for Chris Waldron* 4 23 19

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>[Signature]</i>	Date Month Day Year <del>7 10 19</del>
---	---------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials	Date
---	------

Printed/Typed Name <i>[Signature]</i>	Signature	Date Month Day Year 4   23   19
--	-----------	---------------------------------------

18. Transporter 2 Acknowledgement of Receipt of Materials	Date
---	------

Printed/Typed Name	Signature	Date Month Day Year
--------------------	-----------	------------------------

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month Day Year
--------------------	-----------	------------------------

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287438  
Date In 04/23/19  
Time In 11:35:40  
Date Out 04/23/19  
Time Out 12:09:11

TRACY C  
Origin WASH ST

Ref. 1055  
Grid

DESCRIPTION

Scale 3 Gross Wt.	100860LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40320LB	Roll-Off	
Net Wt.	60540LB	TON	30.27

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-531

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1055

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

*Quigg Bros Inc.*

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number

9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone

541.296.4082

11. WASTE DESCRIPTION

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

1

truck  
n  
pup

~25

cy

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

*for Chris Waldron*

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

Signature

*[Signature]*

Date

Month Day Year  
4 | 23 | 19

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

*STAN OSCINA*

Signature

*[Signature]*

Date

Month Day Year  
4 | 23 | 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Date

Month Day Year

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287439  
Date In 04/23/19  
Time In 11:36:42  
Date Out 04/23/19  
Time Out 11:58:42

TRACY C  
Origin WASH ST

Ref. 1060  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105580LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40620LB	Roll-Off	
Net Wt.	64960LB	TON	32.48

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 23

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. 1060	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name Celorie Bros Dump Trucking		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
				C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		E. State Facility's ID	
				F. Facility's Phone 541.296.4082	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
			1	truck in pup	~25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i>		Date Month Day Year 4   23   19	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Richard Beutish</i>		Date Month Day Year 4   23   19	
Printed/Typed Name Richard Beutish		Signature		Date	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date	
				Month Day Year	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287440  
Date In 04/23/19  
Time In 11:38:32  
Date Out 04/23/19  
Time Out 12:12:46

TRACY C  
Origin WASH ST

Ref. 1058  
Grid

DESCRIPTION

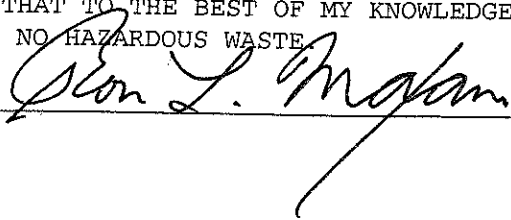
Scale 3 Gross Wt.	102140LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40820LB	Roll-Off	
Net Wt.	61320LB	TON	30.66

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE

Signature





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1058</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Dietrich Trucking LLC</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
			1	truck in pup	~25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i> <i>C Waldron</i>		Date Month Day Year <b>4   23   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Ron Maxam</i>		Signature <i>Ron Maxam</i>		Date Month Day Year <b>4   23   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date Month Day Year	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287455  
Date In 04/23/19  
Time In 12:44:18  
Date Out 04/23/19  
Time Out 13:07:29

TRACY C  
Origin WASH ST

Ref. 1062  
Grid

DESCRIPTION

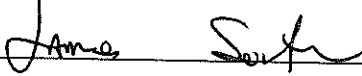
Scale 3 Gross Wt.	104400LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40620LB	Roll-Off	
Net Wt.	63780LB	TON	31.89

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-528

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1062

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name *Ruig Bros Inc.* 6. US EPA ID Number

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address  
**Wasco County Landfill**  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
**9 8 0 6 3 9 6 9 4**

A. State Transporter's ID  
B. Transporter 1 Phone  
C. State Transporter's ID  
D. Transporter 2 Phone  
E. State Facility's ID  
F. Facility's Phone 541.296.4082

11. WASTE DESCRIPTION

12. Containers	13. Total Quantity	14. Unit WL/Vol.
No. Type		
1 truck in DUP	~25	CY

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

b.   
c.   
d.

G. Additional Descriptions for Materials Listed Above  
Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name *for Chris Waldron* Date  
Chris Waldron (for the Port of Olympia) Signature *[Signature]* Month Day Year  
4 23 19

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name *JAMES SORTER* Signature *[Signature]* Date  
Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name Signature Date  
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.  
Printed/Typed Name Signature Date  
Month Day Year

NON-HAZARDOUS WASTE GENERATOR SITE

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287456  
Date In 04/23/19  
Time In 12:45:37  
Date Out 04/23/19  
Time Out 13:13:45

TRACY C  
Origin WASH ST

Ref. 1064  
Grid

DESCRIPTION

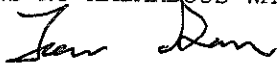
Scale 3 Gross Wt.	102800LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40400LB	Roll-Off	
Net Wt.	62400LB	TON	31.20

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER QUIGG 53-532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <u>1064</u> <u>1033</u>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <u>Quick Bros Inc.</u>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 541.296.4082	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.	Type	14. Unit Wt./Vol.
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i> <u>CFW</u>		Date Month Day Year 4   23   19	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Tony Gardner</i>		Date Month Day Year 4   23   19	
Printed/Typed Name		Signature		Date	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date Month Day Year	

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287498  
Date In 04/24/19  
Time In 06:35:25  
Date Out 04/24/19  
Time Out 07:03:56

Weighmaster:Linda  
Origin WASH ST

Ref. 1066  
Grid

DESCRIPTION

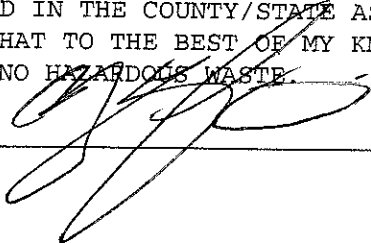
Scale 3 Gross Wt.	103620LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41780LB	Roll-Off	
Net Wt.	61840LB	TON	30.92

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8525

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1066	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Detrievn Trucking LLC	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck + pup	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>for Chris Waldron</i>	Date Month Day Year 4   23   19
---	---------------------------------------	---------------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Clay Bewitt	Signature <i>Clay Bewitt</i>	Date Month Day Year 4   23   19
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18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
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19. Discrepancy Indication Space

20. Facility Owner or Operator. Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name Linda Miller	Signature <i>Linda Miller</i>	Date Month Day Year 04   24   19
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NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287594  
Date In 04/24/19  
Time In 10:52:34  
Date Out 04/24/19  
Time Out 11:19:52

Weighmaster:Linda  
Origin WASH ST

Ref. 1066  
Grid

DESCRIPTION


Scale 3 Gross Wt.	102740LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40920LB	Roll-Off	
Net Wt.	61820LB	TON	30.91

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1066	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Dietrich Trucking LLC		6. US EPA ID Number		A. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID
				D. Transporter 2 Phone
				E. State Facility's ID
				F. Facility's Phone 541.296.4082

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in drip	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>for Chris Waldron</i>	Date Month Day Year 4   24   19
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17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name William L. Hershe JR	Signature <i>W. L. Hershe JR</i>	Date Month Day Year 4   24   19
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18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
---	-----------	------------------------

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name Linda Miller	Signature <i>Linda Miller</i>	Date Month Day Year 04   24   19
--	----------------------------------	--

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287605  
Date In 04/24/19  
Time In 11:35:31  
Date Out 04/24/19  
Time Out 11:57:24

Weighmaster:Linda  
Origin WASH ST

Ref. 1069  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104540LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40340LB	Roll-Off	
Net Wt.	64200LB	TON	32.10

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature

RLC

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1069	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Clerone Bros Dump Trucking	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in PKG	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
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15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>for Chris Waldron</i>	Date Month Day Year 4   24   19
17. Transporter 1 Acknowledgement of Receipt of Materials	Printed/Typed Name <i>Rosewood L Conady</i>	Signature <i>Rosewood L Conady</i>
18. Transporter 2 Acknowledgement of Receipt of Materials	Printed/Typed Name	Signature
19. Discrepancy Indication Space		
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name Linda Miller	Signature <i>Linda Miller</i>	Date Month Day Year 04   24   19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287607  
Date In 04/24/19  
Time In 11:37:05  
Date Out 04/24/19  
Time Out 12:00:15

Weighmaster:Linda  
Origin WASH ST

Ref. 1067  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104260LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39820LB	Roll-Off	
Net Wt.	64440LB	TON	32.22

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1067</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>				
5. Transporter 1 Company Name <b>Detrich Trucking LLC</b>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		C. State Transporter's ID		
10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone <b>541.296.4082</b>		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	TRUCK n PUP	~ 25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>	Signature <i>for Chris Waldron</i>	Date Month Day Year <b>4   24   19</b>
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17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <b>ERIC BARR</b>	Signature <i>[Signature]</i>	Date Month Day Year <b>4   24   19</b>

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name <b>LINDA MILKE</b>	Signature <i>[Signature]</i>	Date Month Day Year <b>04   24   19</b>

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287610  
Date In 04/24/19  
Time In 11:42:38  
Date Out 04/24/19  
Time Out 12:09:32

Weighmaster:Linda  
Origin WASH ST

Ref. 1070  
Grid

DESCRIPTION

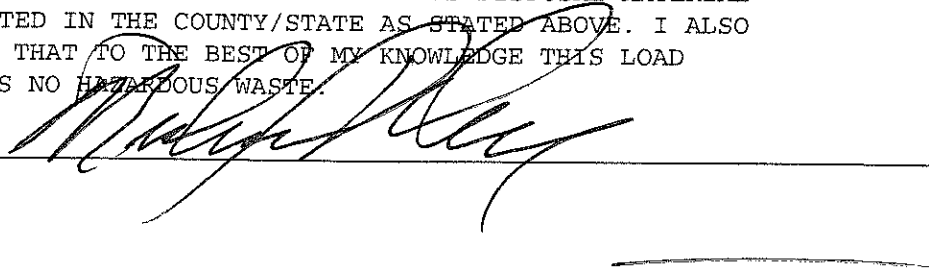
Scale 3 Gross Wt.	101500LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40900LB	Roll-Off	
Net Wt.	60600LB	TON	30.30

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 11

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



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# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1070	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name <i>Cerone Bros Dump Trucking</i>	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in pup	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

**16. GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>Chris Waldron</i>	Date Month Day Year 4   24   19
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17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Michael Waener</i>	Signature <i>Michael Waener</i>	Date Month Day Year 9   24   19
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18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
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19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name <i>Linda Miller</i>	Signature <i>Linda Miller</i>	Date Month Day Year 04   24   19
--	----------------------------------	--

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287611  
Date In 04/24/19  
Time In 11:51:28  
Date Out 04/24/19  
Time Out 12:16:59

Weighmaster:Linda  
Origin WASH ST

Ref. 1068  
Grid

DESCRIPTION

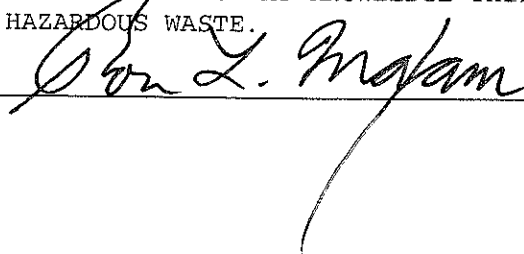
Scale 3 Gross Wt.	102520LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40740LB	Roll-Off	
Net Wt.	61780LB	TON	30.89

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. 1068	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name Districh Trucking LLC		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 541.296.4082	
11. WASTE DESCRIPTION					
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs					
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)				Signature <i>Chris Waldron</i>	
				Date 4 / 24 / 19	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Ron Maxam				Signature <i>Ron Maxam</i>	
				Date 4 / 24 / 19	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name				Signature	
				Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Linda Miller				Signature <i>Linda Miller</i>	
				Date 04/24/19	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287678  
Date In 04/25/19  
Time In 06:32:51  
Date Out 04/25/19  
Time Out 06:56:58

Weighmaster:Linda  
Origin WASH ST

Ref. 1071  
Grid

DESCRIPTION

Scale 3 Gross Wt.	99120LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39860LB	Roll-Off	
Net Wt.	59260LB	TON	29.63

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8535

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1071</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Dierich Trucking LLC</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No.   Type 1   truck n pup	~ 25	cy
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>		Signature <i>for Chris Waldron</i>		Date Month Day Year <b>4   24   19</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>Rowe</b>		Signature <i>[Signature]</i>		Date Month Day Year <b>4   24   19</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <b>Linda Miller</b>		Signature <i>[Signature]</i>		Date Month Day Year <b>04   25   19</b>	

NON-HAZARDOUS WASTE

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287776  
Date In 04/25/19  
Time In 10:51:28  
Date Out 04/25/19  
Time Out 11:26:02

Weighmaster:Linda  
Origin WASH ST

Ref. 1072  
Grid

DESCRIPTION

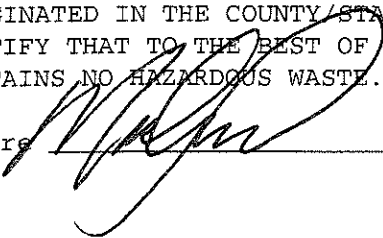
Scale 3 Gross Wt.	100860LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40880LB	Roll-Off	
Net Wt.	59980LB	TON	29.99

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 11

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. <b>1072</b>	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name <i>Celavie Bros Pump Trucking</i>		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
				C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address <b>Wasco County Landfill</b> <b>2550 Steele Road</b> <b>The Dalles, OR 97058</b>		10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		E. State Facility's ID	
				F. Facility's Phone <b>541.296.4082</b>	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No. Type		
			1 1 truck in pup	~25	cy
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)				Signature <i>Chris Waldron</i>	
				Date 4   25   19	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Robert Wood</i>				Signature <i>Robert Wood</i>	
				Date 4   25   19	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name				Signature	
				Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Linda Miller</i>				Signature <i>Linda Miller</i>	
				Date 04   25   19	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287777  
Date In 04/25/19  
Time In 10:52:18  
Date Out 04/25/19  
Time Out 11:28:26

Weighmaster:Linda  
Origin WASH ST

Ref. 1073  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105440LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40560LB	Roll-off	
Net Wt.	64880LB	TON	32.44

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 22

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1073	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Genie Bros Dump Trucking	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No. 1	Type truck n pup	~25 cu
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature for Chris Waldron <i>C Waldron</i>		Date Month Day Year 4 25 19
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name Eric Lucore		Signature <i>Eric Lucore</i>		Month Day Year 04 25 19
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Linda Miller		Signature <i>Linda Miller</i>		Date Month Day Year 04 25 19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287781  
Date In 04/25/19  
Time In 11:01:17  
Date Out 04/25/19  
Time Out 11:35:35

Weighmaster:Linda  
Origin WASH ST

Ref. 1074  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104760LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39640LB	Roll-Off	
Net Wt.	65120LB	TON	32.56

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_





# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1074	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Dietrich Trucking Company	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in pup	225	cy
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above  
Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>Chris Waldron</i>	Date Month Day Year 4   25   19
---	-----------------------------------	---------------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name ERIC BEAD	Signature <i>Eric Bead</i>	Date Month Day Year 4   25   19
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name LINDA MILLER	Signature <i>Linda Miller</i>	Date Month Day Year 04   26   19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287960  
Date In 04/26/19  
Time In 10:42:06  
Date Out 04/26/19  
Time Out 11:01:04

TRACY C  
Origin WASH ST

Ref. 1075  
Grid

DESCRIPTION			
Scale 3 Gross Wt.	103760LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40480LB	Roll-Off	
Net Wt.	63280LB	TON	31.64

PETR CONT SOIL - OUT per TON

PO # 2042/19/050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. 1075

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

Worin Bros Dump Trucking

6. US EPA ID Number

8. US EPA ID Number

9. Designated Facility Name and Site Address

Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

A. State Transporter's ID

B. Transporter 1 Phone

C. State Transporter's ID

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone 541.296.4082

11. WASTE DESCRIPTION

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

12. Containers

No.

Type

13. Total Quantity

14. Unit WL/Vol.

1

truck  
n  
pup

~25

cy

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

H. Handling Codes for Wastes Listed Above

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

Signature

for Chris Waldron

*[Signature]*

Date

Month Day Year  
4 26 15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Richard L. Coyle

Signature

*[Signature]*

Date

Month Day Year  
4 26 15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Date

Month Day Year

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287961  
Date In 04/26/19  
Time In 10:43:09  
Date Out 04/26/19  
Time Out 11:04:14

TRACY C  
Origin WASH ST

Ref. 1077  
Grid

DESCRIPTION

Scale 3 Gross Wt.	106600LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40520LB	Roll-Off	
Net Wt.	66080LB	TON	33.04

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 22

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1077	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Cecil Bros Dump Trucking	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck in pup	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.



16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>for Chris Waldron</i> <i>C Waldron</i>	Date Month Day Year 4   26   19
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17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Eric Lucare	Signature <i>Eric Lucare</i>	Date Month Day Year 04   26   19
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18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
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19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.	Signature	Date Month Day Year
---	-----------	------------------------

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00287964  
Date In 04/26/19  
Time In 10:57:48  
Date Out 04/26/19  
Time Out 11:23:10

TRACY C  
Origin WASH ST

Ref. 1076  
Grid

DESCRIPTION

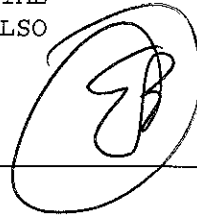
Scale 3 Gross Wt.	104580LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39940LB	Roll-Off	
Net Wt.	64640LB	TON	32.32

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIERICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1076	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name <i>Dietrich Trucking</i>		6. US EPA ID Number		A. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone
8. Designated Facility Name and Site Address <b>Wasco County Landfill</b> 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID
11. WASTE DESCRIPTION		12. Containers		D. Transporter 2 Phone
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No.	Type	E. State Facility's ID
b.				F. Facility's Phone 541.296.4082
c.				
d.				
13. Total Quantity		14. Unit Wt./Vol.		
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i>		Date Month Day Year 4   26   19
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name ERIC BJUR		Signature <i>[Signature]</i>		Date Month Day Year 4   26   19
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature		Date Month Day Year

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

### Material Analysis Report by Account

Inbound and outbound materials for the period 04/29/2019 - 04/29/2019

Detailed Report for Sites: 1, 2

Accounts 937 - 937 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
04/29/19	PCS-O	S	937	P	01-00288109	0	0	0	32.09	32.09	435.78
04/29/19	PCS-O	S	937	P	01-00288123	0	0	0	30.21	30.21	410.25
04/29/19	PCS-O	S	937	P	01-00288131	0	0	0	31.99	31.99	434.42
<b>3RD GEN INVESTMENT GROUP 2 LLC</b>						<b>3</b>	<b>0</b>	<b>0</b>	<b>94.29</b>	<b>94.29</b>	<b>1,280.45</b>
<b>Average</b>							<b>0</b>	<b>0</b>	<b>31.43</b>	<b>31.43</b>	<b>426.82</b>
<b>Report Total</b>						<b>3</b>	<b>0</b>	<b>0</b>	<b>94.29</b>	<b>94.29</b>	<b>1,280.45</b>
<b>Report Average</b>							<b>0</b>	<b>0</b>	<b>31.43</b>	<b>31.43</b>	<b>426.82</b>



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00288109  
Date In 04/29/19  
Time In 10:47:25  
Date Out 04/29/19  
Time Out 11:11:26

Weighmaster:Linda  
Origin WASH ST

Ref. 1078  
Grid

DESCRIPTION

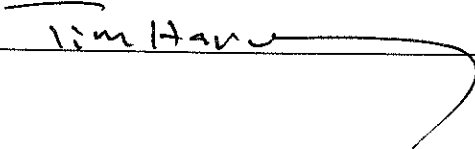
Scale 3 Gross Wt.	106280LB	Vehicle TRAIL	
Scale 7 Tare Wt.	42100LB	Roll-Off	
Net Wt.	64180LB	TON	32.09

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature

  
\_\_\_\_\_

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1078	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Dietrich Trucking LLC	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste, Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		1 Truck in 12p	~25	cy
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers. Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>Chris Waldron</i>		Date Month Day Year 4   29   19
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Jim Harvey</i>		Date Month Day Year 4   29   19
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
19. Discrepancy Indication Space				
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		Signature <i>Linda Miller</i>		Date Month Day Year 04   29   19

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00288123  
Date In 04/29/19  
Time In 11:33:42  
Date Out 04/29/19  
Time Out 12:03:15

Weighmaster:Linda  
Origin WASH ST

Ref. 1080  
Grid

DESCRIPTION

Scale 3 Gross Wt.	100880LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40460LB	Roll-Off	
Net Wt.	60420LB	TON	30.21

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER CELORIE 24

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

*RLC*

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. <b>1050</b>	2. Page
3. Generator's Name and Mailing Address <b>Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501</b>				
4. Generator's Phone <b>360.528.8020 (Rachel Jamison)</b>				
5. Transporter 1 Company Name <b>Celovie Bros Dump Trucking Inc</b>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <b>Wasco County Landfill 2550 Steele Road The Dalles, OR 97058</b>		C. State Transporter's ID		
10. US EPA ID Number <b>9 8 0 6 3 9 6 9 4</b>		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone <b>541.296.4082</b>		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	truck w pvp	~25	CY
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
 Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name <b>Chris Waldron (for the Port of Olympia)</b>	Signature <i>Chris Waldron</i>	Date Month Day Year <b>4   29   19</b>
--	-----------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Richard L. Gandy</i>	Signature <i>Richard L. Gandy</i>	Date Month Day Year <b>4   29   19</b>
--	--------------------------------------	--

18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
---	-----------	------------------------

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name <i>Linda Miller</i>	Signature <i>Linda Miller</i>	Date Month Day Year <b>04   29   19</b>
--	----------------------------------	---

NON-HAZARDOUS WASTE GENERATOR FACILITY

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00288131  
Date In 04/29/19  
Time In 11:51:18  
Date Out 04/29/19  
Time Out 12:14:21

Weighmaster:Linda  
Origin WASH ST

Ref. 1079  
Grid

DESCRIPTION

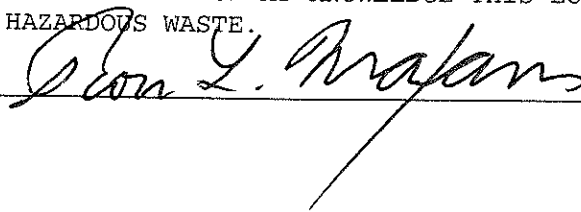
Scale 3 Gross Wt.	104640LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40660LB	Roll-Off	
Net Wt.	63980LB	TON	31.99

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1079	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)			
5. Transporter 1 Company Name Dutch Trucking LLC	6. US EPA ID Number	A. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID	
10. US EPA ID Number 9 8 0 6 3 9 6 9 4		D. Transporter 2 Phone	
		E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	TRUCK in PUP	~ 25	CWT
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information  
Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>For Chris Waldron</i>	Date Month Day Year 4   29   19
---	---------------------------------------	---------------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Ron Maxam	Signature <i>Ron Maxam</i>	Date Month Day Year 4   29   19
--	-------------------------------	---------------------------------------

18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
---	-----------	------------------------

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name Linda Miller	Signature <i>Linda Miller</i>	Date Month Day Year 04   29   19
---	----------------------------------	--

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Date 06/19/19  
 Time 07:06:40

Wasco County Landfill

Material Analysis Report by Account

Inbound and outbound materials for the period 06/17/2019 - 06/17/2019

Detailed Report for Sites: 1, 2

Accounts 937 - 937 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
06/17/19	PCS-O	S	937	P	01-00293409	0	0	0	32.00	32.00	434.56
06/17/19	PCS-O	S	937	P	01-00293410	0	0	0	31.50	31.50	427.77
06/17/19	PCS-O	S	937	P	01-00293413	0	0	0	33.34	33.34	452.76
3RD GEN INVESTMENT GROUP 2 LLC						3	0	0	96.84	96.84	1,315.09
Average							0	0	32.28	32.28	438.36
Report Total						3	0	0	96.84	96.84	1,315.09
Report Average							0	0	32.28	32.28	438.36

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

\*\* DUPLICATE TICKET reprinted by LINDAM at 06:44:15 on 06/19/2019 \*\*

000937	Site	01
3RD GEN INVESTMENT GROUP 2 LLC	Ticket	00293409
	Date In	06/17/19
PO BOX 7534	Time In	10:45:04
OLYMPIA WA 98507	Date Out	06/17/19
	Time Out	11:13:18

Weighmaster:Linda  
Origin WASH ST

Ref. 1083  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105540LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41540LB	Roll-Off	
Net Wt.	64000LB	TON	32.00

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8527

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

\*\* DUPLICATE TICKET reprinted by LINDAM at 06:44:33 on 06/19/2019 \*\*

000937	Site	01
3RD GEN INVESTMENT GROUP 2 LLC	Ticket	00293410
	Date In	06/17/19
PO BOX 7534	Time In	10:45:49
OLYMPIA WA 98507	Date Out	06/17/19
	Time Out	11:18:03

Weighmaster:Linda  
Origin WASH ST

Ref. 1082  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103100LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40100LB	Roll-Off	
Net Wt.	63000LB	TON	31.50

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8526

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

\*\* DUPLICATE TICKET reprinted by LINDAM at 06:44:49 on 06/19/2019 \*\*

000937	Site	01
3RD GEN INVESTMENT GROUP 2 LLC	Ticket	00293413
	Date In	06/17/19
PO BOX 7534	Time In	10:53:29
OLYMPIA WA 98507	Date Out	06/17/19
	Time Out	11:29:35

Weighmaster:Linda  
Origin WASH ST

Ref. 1081  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104520LB	Vehicle TRAIL	
Scale 7 Tare Wt.	37840LB	Roll-Off	
Net Wt.	66680LB	TON	33.34

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8545

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. 1081	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501					
4. Generator's Phone 360.528.8020 (Rachel Jamison)					
5. Transporter 1 Company Name Detroit Trucking LLC		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 541.296.4082	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs			No. 1	Type truck pup	~25 CY
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i>		Date 6/17/19	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Michael Schoen		Signature <i>[Signature]</i>		Date 6/17/19	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 18.					
Printed/Typed Name Linda Miller		Signature <i>[Signature]</i>		Date 6/17/19	

NON-HAZARDOUS WASTE MANIFEST

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. n / a	Manifest Document No. 1082	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501			
4. Generator's Phone 360.528.8020 (Rachel Jamison)	6. US EPA ID Number	A. State Transporter's ID	
5. Transporter 1 Company Name <i>Detech Trucking LLC</i>	7. Transporter 2 Company Name	B. Transporter 1 Phone	
	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058	10. US EPA ID Number 9 8 0 6 3 9 6 9 4	E. State Facility's ID	
		F. Facility's Phone 541.296.4082	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs	1	TRUCK n PUP	225	CY
b.				
c.				
d.				

g. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220	H. Handling Codes for Wastes Listed Above
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.	

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name Chris Waldron (for the Port of Olympia)	Signature <i>Chris Waldron</i>	Date 8/17/19
17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <i>Benson M. Mitchem</i>	Signature <i>Benson Mitchem</i>	Date 6/17/19
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date
19. Discrepancy Indication Space		
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name <i>Linda Miller</i>	Signature <i>Linda Miller</i>	Date 8/17/19

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

Bob

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1083	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Dietrich Trucking LLC	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
10. US EPA ID Number 9 8 0 6 3 9 6 9 4				
11. WASTE DESCRIPTION		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		1	truck in pup	~25 CY
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>C Waldron</i>	Date Month Day Year 6   17   19	
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name R. Holloway		Signature <i>R Holloway</i>	Date Month Day Year 6   17   19	
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature	Date Month Day Year	
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Linda Miller		Signature <i>Linda Miller</i>	Date Month Day Year 6   17   19	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Date 06/18/19  
 Time 16:05:23

Wasco County Landfill

Material Analysis Report by Account

Inbound and outbound materials for the period 06/18/2019 - 06/18/2019

Detailed Report for Sites: 1, 2

Accounts 937 - 937 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
06/18/19	PCS-O	S	937	P	01-00293567	0	0	0	31.67	31.67	430.08
06/18/19	PCS-O	S	937	P	01-00293568	0	0	0	31.97	31.97	434.15
06/18/19	PCS-O	S	937	P	01-00293596	0	0	0	32.49	32.49	441.21
<b>3RD GEN INVESTMENT GROUP 2 LLC</b>											
<b>Average</b>					<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>96.13</b>	<b>96.13</b>	<b>1,305.44</b>
						<b>0</b>	<b>0</b>	<b>0</b>	<b>32.04</b>	<b>32.04</b>	<b>435.15</b>
<b>Report Total</b>					<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>96.13</b>	<b>96.13</b>	<b>1,305.44</b>
<b>Report Average</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>32.04</b>	<b>32.04</b>	<b>435.15</b>

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00293567  
Date In 06/18/19  
Time In 10:54:01  
Date Out 06/18/19  
Time Out 11:15:05

TRACY C  
Origin WASH ST

Ref. 1084  
Grid

DESCRIPTION

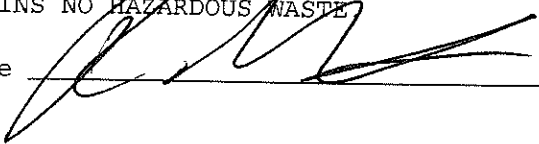
Scale 3 Gross Wt.	103360LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40020LB	Roll-Off	
Net Wt.	63340LB	TON	31.67

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8526

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE

Signature



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00293568  
Date In 06/18/19  
Time In 10:55:53  
Date Out 06/18/19  
Time Out 11:16:45

TRACY C  
Origin WASH ST

Ref. PORT OLYM  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105380LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41440LB	Roll-Off	
Net Wt.	63940LB	TON	31.97

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8527

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature

*Bob At*



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00293596  
Date In 06/18/19  
Time In 12:29:13  
Date Out 06/18/19  
Time Out 12:55:26

TRACY C  
Origin WASH ST

Ref. PORT OLYM  
Grid

DESCRIPTION

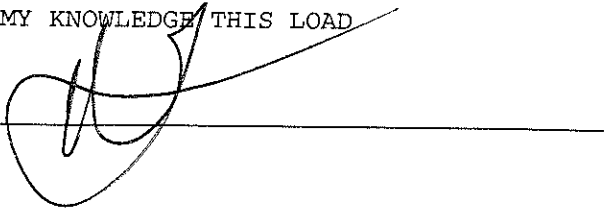
Scale 3 Gross Wt.	102620LB	Vehicle TRAIL	
Scale 7 Tare Wt.	37640LB	Roll-Off	
Net Wt.	64980LB	TON	32.49

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8545

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1084	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Victor Trucking	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		No. 1	Type 1 Drum	~25 CY
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>Chris Waldron</i>	Date 6/18/19	
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name Brandon M. Mckelheim		Signature <i>Brandon M. Mckelheim</i>	Date 6/18/19	
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature	Date	
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Tacy Cole		Signature <i>Tacy Cole</i>	Date 6/18/19	

NON-HAZARDOUS WASTE GENERATOR FACILITY

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1085	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Dietrich Trucking LLC	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit
		No.	Type	WL/Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		1	truck	~25
b.			FCP	
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature <i>for Chris Waldron</i>	Date 6   18   19	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Michael Sobon		Signature <i>[Signature]</i>	Date 6   18   19	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature	Date	
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature	Date	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

# NON-HAZARDOUS WASTE MANIFEST

Type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No.

2. Page

3. Generator's Name and Mailing Address  
Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501

4. Generator's Phone 360.528.8020 (Rachel Jamison)

5. Transporter 1 Company Name

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address  
Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058

10. US EPA ID Number  
9 8 0 6 3 9 6 9 4

E. State Facility's ID

F. Facility's Phone  
541.296.4082

11. WASTE DESCRIPTION

12. Containers

13. Total Quantity

14. Unit Wt./Vol.

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
Chris Waldron (for the Port of Olympia)

Signature

Date

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name

Signature

Date

Month Day Year

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Date 06/19/19  
 Time 15:52:28

Wasco County Landfill

**Material Analysis Report by Account**

Inbound and outbound materials for the period 06/19/2019 - 06/19/2019

Detailed Report for Sites: 1, 2

Accounts 937 - 937 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
06/19/19	PCS-O	S	937	P	01-00293725	0	0	0	32.57	32.57	442.30
06/19/19	PCS-O	S	937	P	01-00293726	0	0	0	29.71	29.71	403.46
06/19/19	PCS-O	S	937	P	01-00293742	0	0	0	31.49	31.49	427.63
<b>3RD GEN INVESTMENT GROUP 2 LLC</b>						<b>3</b>	<b>0</b>	<b>0</b>	<b>93.77</b>	<b>93.77</b>	<b>1,273.39</b>
<b>Average</b>							<b>0</b>	<b>0</b>	<b>31.26</b>	<b>31.26</b>	<b>424.46</b>
<b>Report Total</b>						<b>3</b>	<b>0</b>	<b>0</b>	<b>93.77</b>	<b>93.77</b>	<b>1,273.39</b>
<b>Report Average</b>							<b>0</b>	<b>0</b>	<b>31.26</b>	<b>31.26</b>	<b>424.46</b>

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00293725  
Date In 06/19/19  
Time In 10:24:38  
Date Out 06/19/19  
Time Out 10:44:00

Weighmaster:Linda  
Origin WASH ST

Ref. 1087  
Grid

DESCRIPTION

Scale 3 Gross Wt.	106520LB	Vehicle TRAIL	
Scale 7 Tare Wt.	41380LB	Roll-Off	
Net Wt.	65140LB	TON	32.57

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8527

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature Bob

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00293726  
Date In 06/19/19  
Time In 10:30:36  
Date Out 06/19/19  
Time Out 11:01:19

TRACY C  
Origin WASH ST

Ref. 1088  
Grid

DESCRIPTION

Scale 3 Gross Wt.	99360LB	Vehicle TRAIL	
Scale 7 Tare Wt.	39940LB	Roll-Off	
Net Wt.	59420LB	TON	29.71

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8526

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00293742  
Date In 06/19/19  
Time In 11:09:02  
Date Out 06/19/19  
Time Out 11:32:29

TRACY C  
Origin WASH ST

Ref. 1089  
Grid

DESCRIPTION

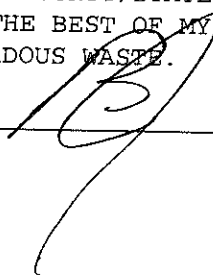
Scale 3 Gross Wt.	103000LB	Vehicle TRAIL	
Scale 7 Tare Wt.	40020LB	Roll-Off	
Net Wt.	62980LB	TON	31.49

PETR CONT SOIL - OUT per TON

PO # 2042-19-050  
NOTE  
DRIVER DIETRICH 8541

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_





# NON-HAZARDOUS WASTE MANIFEST

Print or type (Form designed for use on elite (12 pitch) typewriter)

## NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
n / a

Manifest Document No. **1087**

2. Page

3. Generator's Name and Mailing Address  
**Port of Olympia  
606 Columbia St NW, Ste 300. Olympia, WA 98501**

4. Generator's Phone **360.528.8020 (Rachel Jamison)**

5. Transporter 1 Company Name

6. US EPA ID Number

A. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 1 Phone

C. State Transporter's ID

9. Designated Facility Name and Site Address

**Wasco County Landfill  
2550 Steele Road  
The Dalles, OR 97058**

10. US EPA ID Number

**9 8 0 6 3 9 6 9 4**

D. Transporter 2 Phone

E. State Facility's ID

F. Facility's Phone

**541.296.4082**

11. WASTE DESCRIPTION

a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Disposal is restricted to WASCO County Landfill only.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name  
**Chris Waldron (for the Port of Olympia)**

Signature

Date

Month Day Year

**6 19 19**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

**Bob Holloway**

Signature

Date

Month Day Year

**6 19 19**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

**Linda Miller**

Signature

Date

Month Day Year

**6 19 19**

NON-HAZARDOUS WASTE GENERATOR

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a	Manifest Document No. 1088	2. Page
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501				
4. Generator's Phone 360.528.8020 (Rachel Jamison)				
5. Transporter 1 Company Name Dietrich Trucking LLC	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION		12. Containers		13. Total Quantity
		No.	Type	Unit Wt./Vol.
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs		1	truck drum	= 25 CY
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220		H. Handling Codes for Wastes Listed Above		
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16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Chris Waldron (for the Port of Olympia)		Signature For Chris Waldron		Date 6   19   19
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Brandon Matcien		Signature		Date 6   19   19
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Date
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19				
Printed/Typed Name Tracy Cole		Signature		Date 6   19   19

**NON-HAZARDOUS WASTE**

**GENERATOR**

**TRANSPORTER**

**FACILITY**

# NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. n / a		Manifest Document No. 1087	2. Page	
3. Generator's Name and Mailing Address Port of Olympia 606 Columbia St NW, Ste 300. Olympia, WA 98501						
4. Generator's Phone 360.528.8020 (Rachel Jamison)						
5. Transporter 1 Company Name <i>Ch Detroit Trucking LLC</i>		6. US EPA ID Number		A. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Wasco County Landfill 2550 Steele Road The Dalles, OR 97058		10. US EPA ID Number 9 8 0 6 3 9 6 9 4		C. State Transporter's ID		
				D. Transporter 2 Phone		
				E. State Facility's ID		
				F. Facility's Phone 541.296.4082		
11. WASTE DESCRIPTION				12. Containers	13. Total Quantity	
a. Non-Hazardous waste. Petroleum Contaminated Soil and Debris: Dioxins, Metals, PAHs, PCBs, TPH, VOCs				No. Type	14. Unit WL/Vol.	
b.				1 16L n pps	~25 CY	
c.						
d.						
G. Additional Descriptions for Materials Listed Above Waste is from the Westman Mill Construction Site which is located at the Corner of State St. & Jefferson St., Olympia, WA 98501. Washington State MTCA Site ID: WAD981761653. Special Waste Approval Number: 2042-19-050, By N. Chambers Expiration Date: 03/21/220				H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Disposal is restricted to WASCO County Landfill only.						
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.						
Printed/Typed Name Chris Waldron (for the Port of Olympia)				Signature <i>Chris Waldron</i>	Date Month Day Year 6 19 15	
17. Transporter 1 Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name <i>Brian Jones</i>				Signature <i>[Signature]</i>	Month Day Year 6 19 15	
18. Transporter 2 Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name				Signature	Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						
Printed/Typed Name				Signature	Date Month Day Year	

NON-HAZARDOUS WASTE GENERATOR

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324585  
Date In 03/11/20  
Time In 11:57:30  
Date Out 03/11/20  
Time Out 12:20:12

Weighmaster:Linda  
Origin WASH ST

Ref. 8506  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103040LB	Vehicle 19-050	
Scale 7 Tare Wt.	41280LB	Poll-Off	
Net Wt.	61760LB	TON	30.88

PETR CONT SOIL - OUT per TON

PO # 1095  
TRAILER #  
DRIVER DIETRICH 8506

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324588  
Date In 03/11/20  
Time In 12:22:44  
Date Out 03/11/20  
Time Out 13:42:33

JENNIFER SH  
Origin WASH ST

Ref. 8535  
Grid

DESCRIPTION

Scale 3 Gross Wt.	111520LB	Vehicle 19-050	
Scale 7 Tare Wt.	40080LB	Roll-Off	
Net Wt.	71440LB	TON	35.72

PETR CONT SOIL - OUT per TON

PO # 1093  
TRAILER #  
DRIVER DIETRICH 8535

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324573  
Date In 03/11/20  
Time In 11:37:37  
Date Out 03/11/20  
Time Out 12:08:20

Weighmaster:Linda  
Origin WASH ST

Ref. 8532  
Grid

DESCRIPTION

Manual Gross Wt.	102680LB	Vehicle 19-050	
Scale 7 Tare Wt.	42160LB	Roll-Off	
Net Wt.	60520LB	TON	30.26

PETR CONT SOIL - OUT per TON

PO # 1091  
TRAILER #  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324583  
Date In 03/11/20  
Time In 11:55:45  
Date Out 03/11/20  
Time Out 12:26:13

Weighmaster:Linda  
Origin WASH ST

Ref. 8509  
Grid

DESCRIPTION

Manual Gross Wt.	102760LB	Vehicle 19-050	
Scale 7 Tare Wt.	40620LB	Roll-Off	
Net Wt.	62140LB	TON	31.07

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8509

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324572  
Date In 03/11/20  
Time In 11:36:59  
Date Out 03/11/20  
Time Out 12:01:10

Weighmaster:Linda  
Origin WASH ST

Ref. 8526  
Grid

DESCRIPTION

Manual Gross Wt.	103100LB	Vehicle 19-050	
Scale 7 Tare Wt.	40240LB	Roll-Off	
Net Wt.	62860LB	TON	31.43

PETR CONT SOIL - OUT per TON

PO # 1090  
TRAILER #  
DRIVER DIETRICH 8526

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324582  
Date In 03/11/20  
Time In 11:53:33  
Date Out 03/11/20  
Time Out 12:17:33

Weighmaster:Linda  
Origin WASH ST

Ref. 8527  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104760LB	Vehicle 19-050	
Scale 7 Tare Wt.	42260LB	Roll-Off	
Net Wt.	62500LB	TON	31.25

PETR CONT SOIL - OUT per TON

PO # 1092  
TRAILER #  
DRIVER DIETRICH 8527

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324745  
Date In 03/12/20  
Time In 11:02:22  
Date Out 03/12/20  
Time Out 11:23:22

JENNIFER SH  
Origin WASH ST

Ref. 8506  
Grid

DESCRIPTION

Scale 3 Gross Wt.	102860LB	Vehicle 19-050	
Scale 7 Tare Wt.	41760LB	Roll-Off	
Net Wt.	61100LB	TON	30.55

PETR CONT SOIL - OUT per TON

PO # 1096  
TRAILER #  
DRIVER DIETRICH 8506

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324794  
Date In 03/12/20  
Time In 13:48:43  
Date Out 03/12/20  
Time Out 14:25:14

JENNIFER SH  
Origin WASH ST

Ref. 8547  
Grid

DESCRIPTION

Scale 3 Gross Wt.	99840LB	Vehicle 19-050	
Scale 7 Tare Wt.	40740LB	Roll-Off	
Net Wt.	59100LB	TON	29.55

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324749  
Date In 03/12/20  
Time In 11:08:54  
Date Out 03/12/20  
Time Out 11:28:43

JENNIFER SH  
Origin WASH ST

Ref. 8526  
Grid

DESCRIPTION

Scale 3 Gross Wt.	100840LB	Vehicle 19-050	
Scale 7 Tare Wt.	40300LB	Roll-Off	
Net Wt.	60540LB	TON	30.27

PETR CONT SOIL - OUT per TON

PO # 1097  
TRAILER #  
DRIVER DIETRICH 8526

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324762  
Date In 03/12/20  
Time In 11:41:26  
Date Out 03/12/20  
Time Out 12:00:09

JENNIFER SH  
Origin WASH ST

Ref. 8541  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104780LB	Vehicle 19-050	
Scale 7 Tare Wt.	40620LB	Roll-Off	
Net Wt.	64160LB	TON	32.08

PETR CONT SOIL - OUT per TON

PO # 1099  
TRAILER #  
DRIVER DIETRICH 8541

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324795  
Date In 03/12/20  
Time In 13:51:06  
Date Out 03/12/20  
Time Out 15:42:19

JENNIFER SH  
Origin WASH ST

Ref. 8543  
Grid

DESCRIPTION

Scale 3 Gross Wt.	119180LB	Vehicle 19-050	
Scale 7 Tare Wt.	44380LB	Roll-Off	
Net Wt.	74800LB	TON	37.40

PETR CONT SOIL - OUT per TON

PO # 1101  
TRAILER #  
DRIVER DIETRICH 8543

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324750  
Date In 03/12/20  
Time In 11:10:26  
Date Out 03/12/20  
Time Out 11:40:24

JENNIFER SH  
Origin WASH ST

Ref. 8539  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103860LB	Vehicle 19-050	
Scale 7 Tare Wt.	41740LB	Roll-Off	
Net Wt.	62120LB	TON	31.06

PETR CONT SOIL - OUT per TON

PO # 1098  
TRAILER #  
DRIVER DIETRICH 8539

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324949  
Date In 03/13/20  
Time In 12:05:59  
Date Out 03/13/20  
Time Out 12:38:55

SASHA B  
Origin WASH ST

Ref. 8542  
Grid

DESCRIPTION

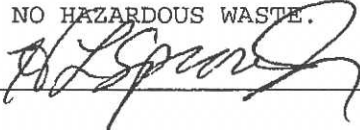
Scale 3 Gross Wt.	104020LB	Vehicle 19-050	
Scale 7 Tare Wt.	40480LB	Roll-Off	
Net Wt.	63540LB	TON	31.77

PETR CONT SOIL - OUT per TON

PO # 1104  
TRAILER #  
DRIVER DIETRICH 8542

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature





Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324963  
Date In 03/13/20  
Time In 12:58:16  
Date Out 03/13/20  
Time Out 14:02:26

SASHA B  
Origin WASH ST

Ref. 8540  
Grid

DESCRIPTION

Scale 3 Gross Wt.	102040LB	Vehicle 19-050	
Scale 7 Tare Wt.	44500LB	Roll-Off	
Net Wt.	57540LB	TON	28.77

PETR CONT SOIL - OUT per TON

PO # 1107  
TRAILER #  
DRIVER DIETRICH 8540

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324960  
Date In 03/13/20  
Time In 12:52:41  
Date Out 03/13/20  
Time Out 13:13:35

SASHA B  
Origin WASH ST

Ref. 8547  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103440LB	Vehicle 19-050	
Scale 7 Tare Wt.	40660LB	Roll-Off	
Net Wt.	62780LB	TON	31.39

PETR CONT SOIL - OUT per TON

PO # 1106  
TRAILER #  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324919  
Date In 03/13/20  
Time In 10:52:00  
Date Out 03/13/20  
Time Out 11:11:31

SASHA B  
Origin WASH ST

Ref. 8532  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104140LB	Vehicle 19-050	
Scale 7 Tare Wt.	42320LB	Roll-Off	
Net Wt.	61820LB	TON	30.91

PETR CONT SOIL - OUT per TON

PO # 1102  
TRAILER #  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324930  
Date In 03/13/20  
Time In 11:10:24  
Date Out 03/13/20  
Time Out 11:31:40

SASHA B  
Origin WASH ST

Ref. 8537  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104340LB	Vehicle 19-050	
Scale 7 Tare Wt.	41240LB	Roll-Off	
Net Wt.	63100LB	TON	31.55

PETR CONT SOIL - OUT per TON

PO # 1103  
TRAILER #  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00324946  
Date In 03/13/20  
Time In 11:56:36  
Date Out 03/13/20  
Time Out 12:15:42

SASHA B  
Origin WASH ST

Ref. 8541  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104440LB	Vehicle 19-050	
Scale 7 Tare Wt.	40760LB	Roll-Off	
Net Wt.	63680LB	TON	31.84

PETR CONT SOIL - OUT per TON

PO # 1105  
TRAILER #  
DRIVER DIETRICH 8541

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325138  
Date In 03/16/20  
Time In 13:08:54  
Date Out 03/16/20  
Time Out 13:32:47

SASHA B  
Origin WASH ST

Ref. 8547  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101440LB	Vehicle 19-050	
Scale 7 Tare Wt.	40660LB	Roll-Off	
Net Wt.	60780LB	TON	30.39

PETR CONT SOIL - OUT per TON

PO # 1113  
TRAILER #  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325125  
Date In 03/16/20  
Time In 12:09:15  
Date Out 03/16/20  
Time Out 12:41:29

JENNIFER SH  
Origin WASH ST

Ref. 8540  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104280LB	Vehicle 19-050	
Scale 7 Tare Wt.	44000LB	Roll-Off	
Net Wt.	60280LB	TON	30.14

PETR CONT SOIL - OUT per TON

PO # 1112  
TRAILER #  
DRIVER DIETRICH 8540

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325104  
Date In 03/16/20  
Time In 11:03:44  
Date Out 03/16/20  
Time Out 11:22:18

JENNIFER SH  
Origin WASH ST

Ref. 8537  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103920LB	Vehicle 19-050	
Scale 7 Tare Wt.	41280LB	Roll-Off	
Net Wt.	62640LB	TON	31.32

PETR CONT SOIL - OUT per TON

PO # 1108  
TRAILER #  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325113  
Date In 03/16/20  
Time In 11:36:02  
Date Out 03/16/20  
Time Out 11:56:31

JENNIFER SH  
Origin WASH ST

Ref. 8506  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105580LB	Vehicle 19-050	
Scale 7 Tare Wt.	41980LB	Roll-Off	
Net Wt.	63600LB	TON	31.80

PETR CONT SOIL - OUT per TON

PO # 1110  
TRAILER #  
DRIVER DIETIRCH 8506

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325127  
Date In 03/16/20  
Time In 12:10:54  
Date Out 03/16/20  
Time Out 12:26:24

JENNIFER SH  
Origin WASH ST

Ref. 8541  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104820LB	Vehicle 19-050	
Scale 7 Tare Wt.	40820LB	Roll-Off	
Net Wt.	64000LB	TON	32.00

PETR CONT SOIL - OUT per TON

PO # 1111  
TRAILER #  
DRIVER DIETRICH 8541

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County ~~Landfill~~  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325122  
Date In 03/16/20  
Time In 12:01:26  
Date Out 03/16/20  
Time Out 12:24:36

JENNIFER SH  
Origin WASH ST

Ref. 8542  
Grid

DESCRIPTION

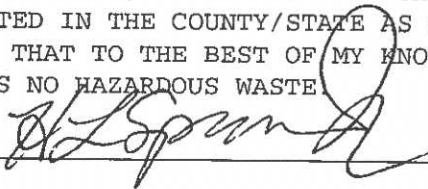
Scale 3 Gross Wt.	103040LB	Vehicle 19-050	
Scale 7 Tare Wt.	40460LB	Roll-Off	
Net Wt.	62580LB	TON	31.29

PETR CONT SOIL - OUT per TON

PO # 1109  
TRAILER #  
DRIVER DIETRICH 8542

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE

Signature



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325292  
Date In 03/17/20  
Time In 11:31:52  
Date Out 03/17/20  
Time Out 11:53:41

Weighmaster:Linda  
Origin WASH ST

Ref. 8542  
Grid

DESCRIPTION

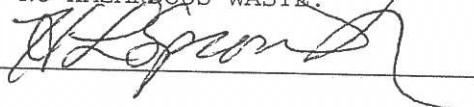
Scale 3 Gross Wt.	103340LB	Vehicle 19-050	
Scale 7 Tare Wt.	40420LB	Roll-Off	
Net Wt.	62920LB	TON	31.46

PETR CONT SOIL - OUT per TON

PO # 1117  
TRAILER #  
DRIVER DIETRICH 8542

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2 LLC  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00325286  
Date In 03/17/20  
Time In 11:07:50  
Date Out 03/17/20  
Time Out 11:28:42

Weighmaster:Linda  
Origin WASH ST

Ref. 8541  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103200LB	Vehicle 19-050	
Scale 7 Tare Wt.	40460LB	Roll-Off	
Net Wt.	62740LB	TON	31.37

PETR CONT SOIL - OUT per TON

PO # 1118  
TRAILER #  
DRIVER DIETRICH 8541

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE.

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

281.08 T  
J OSM

000937  
3RD GEN INVESTMENT GROUP 2  
  
PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00355945  
Date In 12/01/20  
Time In 14:42:21  
Date Out 12/01/20  
Time Out 14:49:22

SASHA B  
Origin WASH ST

Ref. 8533  
Grid

DESCRIPTION

Manual Gross Wt.	104040LB	Vehicle 19-050	
Scale 7 Tare Wt.	41060LB	Roll-Off	
Net Wt.	62980LB	TON	31.49

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00355943  
Date In 12/01/20  
Time In 14:41:22  
Date Out 12/01/20  
Time Out 14:43:59

SASHA B  
Origin WASH ST

Ref. 8532  
Grid

DESCRIPTION

Manual Gross Wt.	105360LB	Vehicle 19-050	
Scale 7 Tare Wt.	42340LB	Roll-Off	
Net Wt.	63020LB	TON	31.51

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00355944  
Date In 12/01/20  
Time In 14:41:54  
Date Out 12/01/20  
Time Out 14:46:30

SASHA B  
Origin WASH ST

Ref. 8547  
Grid

DESCRIPTION

Manual Gross Wt.	103060LB	Vehicle 19-050	
Scale 7 Tare Wt.	40900LB	Roll-Off	
Net Wt.	62160LB	TON	31.08

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00356184  
Date In 12/03/20  
Time In 11:31:48  
Date Out 12/03/20  
Time Out 11:45:39

JENNIFER SH  
Origin WASH ST

Ref. 8533  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105900LB	Vehicle 19-050	
Scale 7 Tare Wt.	41140LB	Roll-Off	
Net Wt.	64760LB	TON	32.38

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00356188  
Date In 12/03/20  
Time In 11:41:10  
Date Out 12/03/20  
Time Out 12:03:25

JENNIFER SH  
Origin WASH ST

Ref. 8508  
Grid

DESCRIPTION

Scale 3 Gross Wt.	102400LB	Vehicle 19-050	
Scale 7 Tare Wt.	41240LB	Roll-Off	
Net Wt.	61160LB	TON	30.58

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8508

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00356196  
Date In 12/03/20  
Time In 12:34:00  
Date Out 12/03/20  
Time Out 13:01:03

Weighmaster:Linda  
Origin WASH ST

Ref. 8509  
Grid

DESCRIPTION			
Scale 3 Gross Wt.	102080LB	Vehicle 19-050	
Scale 7 Tare Wt.	40720LB	Roll-Off	
Net Wt.	61360LB	TON	30.68

PETR CONT SOIL - OUT per TON

PO # PORT OF OLYMPIA  
TRAILER #  
DRIVER DIETRICH 8509

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

WASCO COUNTY LANDFILL  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00356324  
Date In 12/04/20  
Time In 11:32:22  
Date Out 12/04/20  
Time Out 11:46:01

Weighmaster:Linda  
Origin WASH ST

Ref. 8533  
Grid

DESCRIPTION

Scale 3 Gross Wt.	100540LB	Vehicle 19-050	
Scale 7 Tare Wt.	41080LB	Roll-Off	
Net Wt.	59460LB	TON	29.73

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00356332  
Date In 12/04/20  
Time In 12:11:15  
Date Out 12/04/20  
Time Out 12:28:33

Weighmaster:Linda  
Origin WASH ST

Ref. 8509  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105820LB	Vehicle 19-050	
Scale 7 Tare Wt.	40720LB	Roll-Off	
Net Wt.	65100LB	TON	32.55

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8509

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

WASCO COUNTY LANDFILL  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

PO BOX 7534  
OLYMPIA WA 98507

Site 01  
Ticket 00356317  
Date In 12/04/20  
Time In 11:19:45  
Date Out 12/04/20  
Time Out 11:31:53

Weighmaster:Linda  
Origin WASH ST

Ref. 8508  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103640LB	Vehicle 19-050	
Scale 7 Tare Wt.	41480LB	Roll-Off	
Net Wt.	62160LB	TON	31.08

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8508

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

120.80 T.

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361690  
Date In 01/27/21  
Time In 11:55:37  
Date Out 01/27/21  
Time Out 12:18:05

Weighmaster:Linda  
Origin WASH ST

Ref. 8537  
Grid

DESCRIPTION

Scale 3 Gross Wt.	102500LB	Vehicle 19-050	
Scale 7 Tare Wt.	41600LB	Roll-Off	
Net Wt.	60900LB	TON	30.45

PETR CONT SOIL - OUT per TON

PO # 980639694  
TRAILER #  
DRIVER DIETRICH 8537

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361683  
Date In 01/27/21  
Time In 11:27:05  
Date Out 01/27/21  
Time Out 11:45:46

Marian K  
Origin WASH ST

Ref. 8532  
Grid

DESCRIPTION

Scale 3 Gross Wt.	102920LB	Vehicle 19-050	
Scale 7 Tare Wt.	42580LB	Roll-Off	
Net Wt.	60340LB	TON	30.17

PETR CONT SOIL - OUT per TON

PO # 980639694  
TRAILER #  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_



Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361682  
Date In 01/27/21  
Time In 11:24:55  
Date Out 01/27/21  
Time Out 11:40:01

Marian K  
Origin WASH ST

Ref. 8533  
Grid

DESCRIPTION

Scale 3 Gross Wt.	105580LB	Vehicle 19-050	
Scale 7 Tare Wt.	41580LB	Roll-Off	
Net Wt.	64000LB	TON	32.00

PETR CONT SOIL - OUT per TON

PO # 980639694  
TRAILER #  
DRIVER DIETRICH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361680  
Date In 01/27/21  
Time In 11:22:47  
Date Out 01/27/21  
Time Out 11:40:49

Marian K  
Origin WASH ST

Ref. 8540  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101000LB	Vehicle 19-050	
Scale 7 Tare Wt.	44640LB	Roll-Off	
Net Wt.	56360LB	TON	28.18

PETR CONT SOIL - OUT per TON

PO # 980639694  
TRAILER #  
DRIVER DIETRICH 8540

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

157.65 T.  
Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361839  
Date In 01/28/21  
Time In 11:57:45  
Date Out 01/28/21  
Time Out 12:16:20

SASHA B  
Origin WASH ST

Ref. 8547  
Grid

DESCRIPTION

Scale 3 Gross Wt.	103000LB	Vehicle 19-050	
Scale 7 Tare Wt.	40960LB	Roll-Off	
Net Wt.	62040LB	TON	31.02

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8547

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361826  
Date In 01/28/21  
Time In 11:20:27  
Date Out 01/28/21  
Time Out 11:34:49

Weighmaster:Linda  
Origin WASH ST

Ref. 8532  
Grid

DESCRIPTION

Scale 3 Gross Wt.	104320LB	Vehicle 19-050	
Scale 7 Tare Wt.	42540LB	Roll-Off	
Net Wt.	61780LB	TON	30.89

PETR CONT SOIL - OUT per TON

PO # 980639694  
TRAILER #  
DRIVER DIETRICH 8532

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361827  
Date In 01/28/21  
Time In 11:21:54  
Date Out 01/28/21  
Time Out 12:17:29

SASHA B  
Origin WASH ST

Ref. 8533  
Grid

DESCRIPTION

Scale 3 Gross Wt.	101160LB	Vehicle 19-050	
Scale 7 Tare Wt.	41200LB	Roll-Off	
Net Wt.	59960LB	TON	29.98

PETR CONT SOIL - OUT per TON

PO # 980639694  
TRAILER #  
DRIVER DIETIRCH 8533

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361859  
Date In 01/28/21  
Time In 12:52:05  
Date Out 01/28/21  
Time Out 13:18:04

Weighmaster:Linda  
Origin WASH ST

Ref. 8508  
Grid

DESCRIPTION

Scale 3 Gross Wt.	107780LB	Vehicle 19-050	
Scale 7 Tare Wt.	41640LB	Roll-Off	
Net Wt.	66140LB	TON	33.07

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8508

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00361862  
Date In 01/28/21  
Time In 12:55:15  
Date Out 01/28/21  
Time Out 13:19:12

Weighmaster:Linda  
Origin WASH ST

Ref. 8506  
Grid

DESCRIPTION

Scale 3 Gross Wt.	107580LB	Vehicle 19-050	
Scale 7 Tare Wt.	42200LB	Roll-Off	
Net Wt.	65380LB	TON	32.69

PETR CONT SOIL - OUT per TON

PO # 1137  
TRAILER #  
DRIVER DIETRICH 8506

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_

Wasco County Landfill  
WASCO COUNTY LANDFILL  
2550 Steele Road  
The Dalles, OR 97058

000937  
3RD GEN INVESTMENT GROUP 2

Site 01  
Ticket 00394363  
Date In 09/23/21  
Time In 12:34:11  
Date Out 09/23/21  
Time Out 12:40:03

Weighmaster:Linda  
Origin WASH ST

Ref. 8506  
Grid

DESCRIPTION	
Manual Gross Wt.	81740LB Vehicle 19-050
Scale 7 Tare Wt.	41140LB Roll-Off
Net Wt.	40600LB TON 20.30

PETR CONT SOIL - OUT per TON

PO #  
TRAILER #  
DRIVER DIETRICH 8506

BY SIGNING THIS, I CERTIFY THAT THIS DISPOSAL MATERIAL  
ORIGINATED IN THE COUNTY/STATE AS STATED ABOVE. I ALSO  
CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THIS LOAD  
CONTAINS NO HAZARDOUS WASTE. \*\*OFFICE PH# (541)296-4082\*\*

Signature \_\_\_\_\_



# **Appendix H**



# EXTREME EXCAVATION

Site Development

Matt Schlottmann, Sr.  
Dean Clark  
Tammy Schlottmann

510 – 93<sup>rd</sup> Ave S.E.  
Olympia, WA 98501  
Telephone (360) 754-5595 Telefax (360) 357-0881

January 27, 2022

To: Bailey General  
Attn: Cory  
Re: **Westman Mill topsoil imported. All topsoil came from Weiks Corporation  
– 1845 93<sup>rd</sup> Ave SW Tumwater, WA 98512**

- 12.17.21 Imported – 36yrds
- 12.20.21 Imported – 24yrds
- 12.21.21 Imported – 24yrds
- 01.13.22 Imported – 60yrds
- 01.18.22 Imported – 12yrds

Should you have any further questions please contact Matt directly.

Sincerely,

EXTREME EXCAVATION

Matt Schlottmann  
Partner

# EXTREME EXCAVATION

- Commercial - Residential
- Earth Moving
- Land Clearing
- Underground Utilities
- Site Development
- Road Building

**No 3862**

510 93rd Ave. SE  
Olympia, WA 98501  
(360) 754-5595  
Reg. #EXTREE\*911RU

## TALLY CARD

JOB Westman Mills DATE 12-17-2021 DRIVER McLew

TIME IN 11:00 TIME OUT 2:00 TRUCK # 15 HRS 3

TO Westman Mills FROM Jeff TRUCK SIZE (cy) 12 Yard

Load No.	Mat. (c.y.) Ton	Time Dumped/Loaded	Location	Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location
1	12 yds Topsoil	11:30	Westman	20			
2	12 yds Topsoil	12:30	Westman	21			
3	12 yds Topsoil	1:30	Westman	22			
4				23			
5				24			
6				25			
7				26			
8				27			
9				28			
10				29			
11				30			
12				31			
13				32			
14				33			
15				34			
16				35			
17				36			
18				37			
19				38			

AUTHORIZED SIGNATURE [Signature]

# EXTREME EXCAVATION

- Commercial - Residential
- Earth Moving
- Land Clearing
- Underground Utilities
- Site Development
- Road Building

**No 3876**

510 93rd Ave. SE  
Olympia, WA 98501  
(360) 754-5595  
Reg. #EXTREE\*911F

## TALLY CARD

JOB Westman Mills DATE 12-20-21 DRIVER McLew

TIME IN 7:00 TIME OUT 9:30 TRUCK # 19 HRS 2.5

TO Westman Mills FROM Jeff TRUCK SIZE (cy) 12

Load No.	Mat. (c.y.) Ton	Time Dumped/Loaded	Location	Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location
1	Topsoil 12 Yard	8:00	Westman Mills	20			
2	Topsoil 12 Yard	9:30	Westman Mills	21			
3				22			
4				23			
5				24			
6				25			
7				26			
8				27			
9				28			
10				29			
11				30			
12				31			
13				32			
14				33			
15				34			
16				35			
17				36			
18				37			
19				38			

AUTHORIZED SIGNATURE [Signature]

# EXTREME EXCAVATION

- Commercial - Residential
- Earth Moving
- Land Clearing
- Underground Utilities
- Site Development
- Road Building

No 3865

510 93rd Ave. SE  
Olympia, WA 98501  
(360) 754-5595  
Reg. #EXTREE\*911RU

## TALLY CARD

JOB Westman Mills DATE 12-21-2021 DRIVER M. J. P.

TIME IN 1:00 TIME OUT 2:30 TRUCK # 15 HRS     

TO Westman Mills FROM JEP TRUCK SIZE (cy) 12 yds

Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location	Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location
1	Top Soil 12 yds	1:15	Westman Mills	20			
2	Top Soil 12 yds	2:00	Westman Mills	21			
3				22			
4				23			
5				24			
6				25			
7				26			
8				27			
9				28			
10				29			
11				30			
12				31			
13				32			
14				33			
15				34			
16				35			
17				36			
18				37			
19				38			

AUTHORIZED SIGNATURE M. J. P.

# EXTREME EXCAVATION

- Commercial - Residential
- Earth Moving
- Land Clearing
- Underground Utilities
- Site Development
- Road Building

TOP SOIL  
on Greg Bailey's  
ACCOUNT

No 3888

510 93rd Ave. SE  
Olympia, WA 98501  
(360) 754-5595  
Reg. #EXTREE\*911F

## TALLY CARD

JOB ~~Westman~~ Westman Mill DATE 1-13-21 DRIVER [Signature]

TIME IN 7:30 TIME OUT 11:30 TRUCK # 19 HRS 4

TO Westman FROM Wicks TRUCK SIZE (cy) 12

Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location	Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location
1	TOP SOIL	8:00	Westman	20			
2		9:05		21			
3		9:50		22			
4		10:25		23			
5		11:15		24			
6				25			
7				26			
8				27			
9				28			
10				29			
11				30			
12				31			
13				32			
14				33			
15				34			
16				35			
17				36			
18				37			
19				38			

AUTHORIZED SIGNATURE \_\_\_\_\_

# EXTREME EXCAVATION

- Commercial - Residential
- Earth Moving
- Land Clearing
- Underground Utilities
- Site Development
- Road Building

No 3880

510 93rd Ave. SE  
 Olympia, WA 98501  
 (360) 754-5595  
 Reg. #EXTREE\*911RU

## TALLY CARD

JOB Washman Mill DATE 1-18-22 DRIVER [Signature]

TIME IN 12:30 TIME OUT 1:30 TRUCK # 19 HRS \_\_\_\_\_

TO Washman FROM Weks TRUCK SIZE (cy) 12

Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location	Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location
1	Top soil	1:00	Washman	20			
2				21			
3				22			
4				23			
5				24			
6				25			
7				26			
8				27			
9				28			
10				29			
11				30			
12				31			
13				32			
14				33			
15				34			
16				35			
17				36			
18				37			
19				38			

12 yds

AUTHORIZED SIGNATURE \_\_\_\_\_



# EXTREME EXCAVATION

Site Development

Matt Schlottmann, Sr.  
Dean Clark  
Tammy Schlottmann

510 – 93<sup>rd</sup> Ave S.E.  
Olympia, WA 98501  
Telephone (360) 754-5595 Telefax (360) 357-0881

March 7, 2022

To: Bailey General  
Attn: Cory  
Re: **Westman Mill topsoil imported. All topsoil came from Weiks Corporation  
– 1845 93<sup>rd</sup> Ave SW Tumwater, WA 98512**

- 02.24.22 Imported – 10yrds

Should you have any further questions please contact Matt directly.

Sincerely,  
EXTREME EXCAVATION

Matt Schlottmann  
PARTNER

# EXTREME EXCAVATION

- Commercial - Residential
- Earth Moving
- Land Clearing
- Underground Utilities
- Site Development
- Road Building

No 3999

510 93rd Ave. SE  
Olympia, WA 98501  
(360) 754-5595  
Reg. #EXTREE\*911RU

## TALLY CARD

JOB Westman DATE 07-24-22 DRIVER MS

TIME IN 8:00 TIME OUT 9:00 TRUCK # 18 HRS 1

TO Westman FROM Jeff TRUCK SIZE (cy) \_\_\_\_\_

Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location	Load No.	Mat. c.y.-Ton	Time Dumped/Loaded	Location
1	Topsoil		Westman	20			
2				21			
3				22			
4				23			
5				24			
6				25			
7				26			
8				27			
9				28			
10				29			
11				30			
12				31			
13				32			
14				33			
15				34			
16				35			
17				36			
18				37			
19				38			

10 yds

AUTHORIZED SIGNATURE \_\_\_\_\_