UNDERGROUND STORAGE TANK
DECOMMISSIONING REPORT

RB BROWNS TRUCKING INC
5758 CRATER LAKE AVENUE
CENTRAL POINT, OREGON 97502
LUST#15-21-0678
UST FACILITY ID#7869

NOVEMBER 11, 2021
PSS PROJECT NUMBER OR210526-4

prepared for:

RB BROWNS TRUCKING INC.
5758 CRATER LAKE AVENUE
CENTRAL POINT, OREGON 97502

Prepared by: Kyle Fisher
UST Supervisor #27447

Reviewed by: Gil Cobb, RG
Oregon #G1440

point source solutions, llc
ENVIRONMENTAL CONSULTING AND CONTRACTING

OR CCB# 184586

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1.0 Purpose:

This Underground Storage Tank (UST) Decommissioning report was prepared for the property addressed as 5758 Crater Lake Avenue, Central Point, Oregon 97232 (Site), in order to document compliance with the requirements of the Oregon Department of Environmental Quality (ODEQ) UST program.

2.0 Background:

According to a Phase I Environmental Site Assessment (ESA) Report prepared for the Site *(Hahn, 5-21-2021, Project #9710)*, a portion of the Site has operated as a trucking yard with fueling stations since 1960. UST decommissioning records for one 10,000-gallon diesel UST and one 500-gallon waste oil UST were on file, as reported by Steve Paiko of ODEQ. The UST records indicate the tanks were decommissioned in place; however, no records of confirmation sampling were available. Copies of the available records on the UST Facility List are included as Appendix A.

Point Source Solutions, LLC (Point Source) was provided with a copy of the aforementioned Phase I ESA. Point Source recommended that a subsurface investigation be performed.

Point Source was engaged by Mr. TJ Davis of RB Browns Trucking Inc. (Site Manager) in June 2021 to evaluate conditions relative to the current and former fueling operations at the Site.

Point Source performed a subsurface investigation on June 17 and 18, 2021 and observed the following:

- One UST was identified northwest of the Site office building, during a geophysical survey of the Site. Its fill port and vent line were still in place. Point Source assigned the designation T1 to the UST. Based upon its dimensions, T1 was determined to be the 10,000 gallon UST on file with ODEQ. When probed through its fill port, the UST was determined to be full of diesel contaminated sand.
- The 500-gallon UST was not identified during the geophysical survey.
- Borings were advanced near the tank ends to determine if a release of petroleum hydrocarbons from the UST had occurred.
- Total gasoline (TPH-Gx) was detected in soil at concentrations greater than RBCs likely to be applicable to the Site in the sample collected from boring WTE (T1 west tank end initial sample) at a depth of 9 feet bgs. TPH-Dx was also detected in this sample, but at concentrations that do not exceed RBCs likely to be applicable to the Site. Groundwater was not encountered in this boring to a maximum explored depth of 10 feet bgs at drilling refusal.

A release was reported online to ODEQ and the site was assigned LUST #15-21-0678. Point Source recommended further investigation to fully characterize the release, as well as decommissioning the identified UST by removal.

3.0 Scope of Work

At the request of Mr. TJ Davis the following Scope of Work was performed. The work was completed by an ODEQ Licensed UST Service Provider and Supervisor, Oregon Registered Geologist, and Oregon Licensed Contractors.

- A site Health and Safety Plan (HASP) was prepared.
- The UST had been previously registered by the owner and a 3-day notice was submitted to

ODEQ prior to removing the UST. All ODEQ forms and checklists are included as Appendix B.

- Concrete/asphalt overlying the UST and product lines was cut, removed, and disposed of. Clean overburden was hauled from the Site and delivered to an appropriate facility for use as clean fill.
- Tank contents were removed and disposed of, and the interior was cleaned.
- The UST and product lines were removed from the ground and hauled from the Site for recycling.
- A narrative report and UST checklists/reports summarizing work were prepared for submission to ODEQ UST Program.
- Additional USTs were discovered during the process of decommissioning the 10,000-gallon UST. These additional USTs were also decommissioned by removal and those activities are described later in this report.

4.0 Site Description

The Jackson County Tax Assessor identifies the Site as tax lot 361W321800 (139.81 acres). The Site is currently developed with three warehouses, a covered wash building, an unenclosed roofed storage building, a platform scale, fuel pumps, fuel ASTs in secondary containment, a hay barn, horse barn, and a shed. Zoning of the site is GC – General Commercial.

A site plan depicting the Site and adjoining properties is included as Figure 1.

4.1 Soil

The Site resides in the Klamath Mountains physiographic province of southwestern Oregon. The region is host to deep, narrow canyons and mountain peaks, from uplifted formations. This province is made up of pieces of exotic terrains that were once part of the ocean crust and carried eastward where they collided with the North American landmass. The Klamath Mountains province is primarily drained by the Rogue River and its tributaries (including nearby Bear Creek) as well as by coastal streams. The depth to a confining layer of siltstone at the Site is 7 feet below the ground surface.

The Site is mapped as Coker Clay on the USDA Soil Conservation Service Soil Survey (NRCS Web Soil Survey). The Coker Clay is found on alluvial fans. The parent material consists of clayey alluvium derived from tuff breccia. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is very low. This soil does not meet hydric criteria.

Site soils observed during site activities were predominantly clay and claystone.

4.2 Groundwater

According to a well log search conducted on the Oregon Water Resources Department (OWRD) website, two water supply wells were identified by the Phase I ESA conducted by Hahn. One reportedly provides domestic drinking water, while the other is used for industrial purposes. An OWRD well log exists for the industrial use well (JACK 6756 installed April 1970), and is included as Appendix C.

Groundwater was encountered in this well in sandstone at a depth of 41-83 feet below ground surface with a static water level measured at 17 feet below ground surface.

Based on a review of the Eagle Point, Oregon Quadrangle 7.5 minute series topographic map,

the inferred groundwater flow at the site is to the west southwest toward Bear Creek located approximately 2.6 miles to the southwest at its closest point. The Site does not overlie a sole source aquifer. A topographic map of the site is included as Figure 2.

Groundwater was not encountered in the vicinity of the USTs at the maximum explored depth of 12 feet below ground surface.

5.0 Field Work

Prior to starting the decommissioning project, Point Source filed a 30-day Notice of Intent to Decommission UST with ODEQ. Ms. Andrea Garcia of ODEQ was notified by email at least 3 days prior to the start of work. A 3-day notice number was not issued by ODEQ, as there was some disagreement within the Department as to whether the UST is considered a regulated tank. ODEQ forms and checklists are included in Appendix B.

On October 12, 2021, Point Source oversaw the cutting of concrete and asphalt by Viking Concrete Cutting. Following the cutting, all personnel from Pilot Rock Excavation (Pilot Rock) and Pump, Pipe, and Tank (PPT) onsite attended a meeting to go over the HASP before project activities began.

Point Source oversaw the removal of concrete, asphalt, and clean overburden by Pilot Rock. These materials were hauled away for later reuse at Pilot Rock's yard. An active sewer line running over the top of the UST was cut off and plugged for the duration of the project.

By the end of the day, the UST was exposed. Surface contamination from product line leakage was exposed over the top of the south tank end. A manway on the north tank end was exposed and opened, to reveal the north half of the tank was full of emulsified diesel and water. When the UST was previously decommissioned, the UST was filled with sand through the fill port on the south end, where the sand piled and failed to fill the north end. Petroleum contaminated soils (PCS) were found above the south tank end where the product lines terminated, to the west where they were running, and to the east.

The tank was inerted with 150 lbs. of dry ice. Once inerted, the top of the tank was cut open.

Kyle Fisher (UST Supervisor License #27447, exp. 9/04/2022) of Point Source supervised the cleaning of the UST by Pilot Rock and ORRCO. The backfill sand was removed by Pilot Rock and transported for disposal at Dry Creek Landfill under profile #2021-46. 1,990 gallons of liquids contents from the tank was pumped by Oil Re-refining Company (ORRCO) and transported to their Klamath Falls facility.

After cleaning, the tank was inspected. The bottom of the UST showed no signs of corrosion or pitting, and the tank cavity had no signs of contamination. a confining layer of siltstone was directly below the bottom of the UST. The UST was hauled off site by Pilot Rock to Rogue Metals Recycling for disposal. Confirmation samples were collected from the pit bottom and walls.

Product line contamination was excavated from the southern portion of the tank excavation to a depth of 5 feet bgs, resulting in an 18-foot by 13-foot excavation. Confirmation samples were collected from the pit bottom and walls.

The trench following the direction of the product lines was expanded to 22 feet in width and 63 feet in length by Viking Concrete Cutting to accommodate for newfound contamination. Product line contamination was excavated to a depth of 5 feet bgs, just before the confining layer of siltstone. After removing product lines and contaminated soils for 28 feet of the trench, two previously unknown USTs were encountered in the trench. The two product lines from T1 terminated into the

top of the two USTs at what was presumably an abandoned fueling area. The two USTs were designated as T2 and T3. The vent lines for the two tanks had previously been removed.

Both previously unidentified USTs were 12 feet long and 3.5 feet in diameter, for a rated volume of 1,000 gallons. They both contained approximately 400 gallons of emulsified fuel and water. ORRCO collected a composite sample from the two tanks, and the sample was submitted for PCBs analysis at Neilson Research Corp. of Medford, an Oregon-accredited laboratory. A Chlor-D-Tect test was performed by OORCO on the tank contents and returned as negative. The contents were then pumped into IBC totes that were available on site using a diaphragm pump and sump pump for later disposal by ORRCO pending PCB test results. The remainder of the contents were absorbed with bark chips and disposed of under the Dry Creek waste profile. The tanks were cleaned sufficiently for recycling and were removed from the excavation. Holes were observed in both tanks and contamination was visible in the tank cavities. Contamination was removed to the confining layer of siltstone at 7 feet and confirmation samples were collected from the tank bottoms and pit wall.

Product Line contamination spread further east of T2 and T3. Soils were removed to the extent of which the concrete had been cut to a depth of 5 feet bgs. T2 and T3 and all product lines were transported to Rogue Metals Recycling. A total of 668.4 tons of contaminated soils were removed from the excavations and disposed at Dry Creek Landfill.

Disposal receipts for soil, backfill sand, tank contents, and recycling scrap slips for the tanks and product piping are included in Appendix D.

Point Source collected confirmation soil samples from the bottom of the product line trench at two locations for every 20 feet in length of product lines, and from each of the three walls of the trench via an excavator bucket. No indications of contamination were noted in the grab samples using field-screening methods. Confirmation sample locations, pit dimensions, and former locations of USTS and piping are depicted on Figure 3.

The pit was backfilled by Pilot Rock on October 15, 2021. A photo log documenting project activities is included as Appendix E.

T2 and T3 were subsequently registered with ODEQ, and a release was reported within 72 hours of discovering the tanks had leaked. Jessica Clawson of ODEQ declined the LUST notification, stating that the release can be considered under the same LUST file issued for the release initially reported for T1.

On October 27, 2021, ORRCO pumped out the IBC totes that contained the contents of T2 and T3. A total of 755 gallons were pumped and transported for disposal.

On October 28, 2021, AUUL performed an additional geophysical survey of previously unscanned areas around the perimeters of the three shop buildings on the southern portion of the Site, including a previously inaccessible area due to fire damage to search for the remaining 500-gallon waste oil UST that appears in the record. No object resembling a UST or anomaly representing a possible UST excavation was discovered during the survey.

6.0 Sample Methodology

Confirmation soil samples were collected as grab samples directly from the excavator bucket following removal of approximately 6 inches of exposed soil.

Soil borings were advanced using Geoprobe DT22 tooling driven by a truck-mounted direct push drill

rig. Soil samples were obtained continuously from the surface using 4-foot-long, 2.25-inch diameter samplers lined with PVC sleeves. Soil cuttings generated during the advancement of the borings were collected directly from the sleeves, visually inspected for discoloration, and monitored for odors and volatile organic compounds (VOCs) by utilizing a handheld photoionization detector (PID).

Direct push tooling was decontaminated in a water and detergent solution and rinsed in tap water between boring locations. A clean pair of disposable nitrile gloves was worn during the collection of each sample to prevent cross-contamination.

Soil samples were placed in laboratory provided 4-ounce jars with Teflon lined lids, and 40-mL VOA vials pre-prepared with methanol. Each sample was labeled for identification and stored in an iced cooler. Chain of custody was maintained for all samples.

7.0 Sample Results

Soil samples were transported under chain of custody to Apex Laboratories in Tigard, Oregon. Internal laboratory QA/QC indicates that the analytical results are valid. Laboratory reporting limits are below the most stringent Risk-Based Concentrations (RBCs) applicable to this Site.

Chain of Custody forms, laboratory results and laboratory QA/QC documentation from this investigation are contained in Appendix F.

Sample results are summarized below in Table 1.

TABLE 1 - SOIL SAMPLES
LABORATORY ANALYTICAL RESULTS – NWTPH-DX, NWTPH-GX IN MG/KG

Sample #	Depth	Date	Location	NWTPH - DX	NWTPH-GX
Initial Subsurface Investigation					
STE-S1	4.0’	6/17/2021	Tank 1 South Tank End	**Diesel – 115.0** **Oil – <53.4**	**16.8**
WTE-S1	9.0’	6/17/2021	Tank 1 West Tank End	**Diesel – 1060.0** Oil –<50	**71.3**
NTE-S1	7.0’	6/17/2021	Tank 1 North Tank End	Diesel – <25 Oil – <50	<6.49
Post-Decommission Confirmation Samples					
NEPW-S1	12.0’	10/14/2021	Tank 1 Northeast Pit Wall	Diesel – <25 Oil – <50	<9.62*
NPB-S1	12.0’	10/14/2021	Tank 1 North Pit Bottom	Diesel – <25 Oil – <50	<17.6*
NPW-S1	12.0’	10/14/2021	Tank 1 North Pit Wall	Diesel – <25 Oil – <50	<9.73*
NWPW-S1	12.0’	10/14/2021	Tank 1 Northwest Pit Wall	Diesel – <25 Oil – <50	<10.3*
SEPW-S1	12.0’	10/14/2021	Tank 1 Southeast Pit Wall	**Diesel – 97.5** Oil – <50	<12.3*
SWPW-S2	12.0’	10/14/2021	Tank 1 Southwest Pit Wall	**Diesel – 238.0** Oil – <50	**9.38***

TABLE 1 - SOIL SAMPLES LABORATORY ANALYTICAL RESULTS – NWTPH-DX, NWTPH-GX IN MG/KG					
Sample #	**Depth**	**Date**	**Location**	**NWTPH - DX**	**NWTPH-GX**
SPW-S1	12.0’	10/14/2021	Tank 1 South Pit Wall	Diesel – <25 Oil – <50	<19.5*
SPB-S1	12.0’	10/14/2021	Tank 1 South Pit Bottom	Diesel – <25 Oil – <50	<12.6*
NSWPW-S1	5.0’	10/14/2021	Southwest Contamination Excavation – North Wall	Diesel – <25 Oil – <50	<8.67
SSWPW-S1	5.0’	10/14/2021	Southwest Contamination Excavation – South Wall	Diesel – <25 Oil – <50	<8.02
WSWPW-S1	5.0’	10/14/2021	Southwest Contamination Excavation – West Wall	Diesel – <25.8 Oil – <51.6	<9.66
SWPB-S1	5.0’	10/14/2021	Southwest Contamination Excavation – Pit Bottom	Diesel – <25 Oil – <50	<8.95
PL1-S1	5.0’	10/15/2021	Product Line Run Sample 20’ East of T1 Excavation	**Diesel – 3190.0** **Oil – 241.0**	**425.0^**
PL2-S1	5.0’	10/15/2021	Product Line Run Sample Termination Point, 40’ East of T1 Excavation	Diesel – <25 Oil – <50	<10.0
NPW1-S1	5.0’	10/15/2021	North Pit Wall of Product Line Trench, 20’ East of T1 Excavation	Diesel – <26.3 Oil – <52.7	<9.92
NPW2-S1	5.0’	10/15/2021	North Pit Wall of Product Line Trench, 40’ East of T1 Excavation	Diesel – <25.4 Oil – <50.8	<10.9
SPW1-S1	5.0’	10/15/2021	South Pit Wall of Product Line Trench, 20’ East of T1 Excavation	Diesel – <27.5 Oil – <55.0	<9.0
SPW2-S1	5.0’	10/15/2021	South Pit Wall of Product Line Trench, 40’ East of T1 Excavation	Diesel – <26.0 Oil – <52.0	<9.11
WTE-S1	7.0’	10/15/2021	Tank 2 West Tank End	**Diesel – 71.1** Oil – <50	<8.45*
CTE-S1	7.0’	10/15/2021	Tank 2 East Tank End / Tank 3 West Tank End	**Diesel – 48.7** Oil – <50	<7.02*
ETE-S1	7.0’	10/15/2021	Tank 3 East Tank End	**Diesel – 223.0** Oil – <50	<11.6*
EPW-S1	5.0’	10/15/2021	East Pit Wall of Product Line Trench	Diesel – <25 Oil – <50	<18.2
Oregon RBC for Leaching to Groundwater for Residential Receptors (most stringent applicable RBC)				**9500.0**	**31.0**

Table 1 Notes:

BOLD = Exceeding one or more RBCs

* = Result was qualified with “V-16” qualifier: “Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was not preserved within 48 hours of sampling.

^ = Result was qualified with “F-13” qualifier: “The chromatographic pattern does not resemble the fuel standard used for quantification”

TABLE 2 - CONSTITUENT ANALYSIS LABORATORY ANALYTICAL RESULTS – VOCS (EPA 8260), PAHS (EPA 8270), METALS (EPA 6020A), PCBS (8082A) IN MG/KG				
Sample #	**VOCs**	**PAHs**	**Metals**	**PCBs**
PL1-S1	**124-TMB - 0.681**	**Fluoranthene - 0.0522** **Fluorene - 0.778** **Phenanthrene - 1.47** **Pyrene - 0.0875**	**Chromium - 16.2** **Lead - 8.18**	Total PCBs <0.0111
	124-TMB – 10	**No Value**	**Lead – 30**	**No Value**

Table 2 Notes:

Cleanup criteria for compounds noted in the Table 2 are those for **Leaching to Groundwater for Residential Receptors** established in the manual titled *"Risk-Based Decision Making for the Remediation of Petroleum Contaminated Sites"* prepared by ODEQ revised May 2018. These scenarios are the most stringent cleanup levels likely applicable to the Site.

Constituent compounds not detected above method detection limits are not reported in Table 2.

A number of samples were flagged with the qualifier "V-16", meaning that the samples were extracted using EPA Method 5035A outside of the customary 48-hour hold time. This methodology was necessary because the samples were collected from the confining layer of siltstone, and could not feasibly be extracted in the field, nor could they be extracted in the lab within the hold time.

TABLE 3 – SUB-SLAB VAPOR SAMPLES LABORATORY ANALYTICAL RESULTS – GX/DX, VOCS (TO-17) IN UG/M^3					
Sample #	**Date**	**Location**	**GX/DX**	**VOCs**	**2-Propanol**
SS1	06/17/2021	Main Building Abutting UST Decomm Area	GX - <2500 DX - <2000	**Toluene – 5.2** **Tetrachloroethene – 4.6** **124 TMB – 3.3**	<250
Oregon RBC for Soil Gas Vapor Intrusion into Buildings for Residential Receptors (most stringent applicable RBC)			**GX – 79,000** **DX – 21,000**	**Toluene – 1,000,000** **Tetrachloroethene – 2,200** **124 TMB – 13,000**	**No Value**

Table 3 Notes:

Constituent compounds not detected above method detection limits are not reported in Table 3.

8.0 Conclusions and Recommendations

Petroleum hydrocarbons were detected in trace amounts in soil confirmation samples collected from the excavations. All detected concentrations are below the most stringent Risk Based Concentrations (RBCs), with the exception of gasoline and diesel range petroleum hydrocarbons in one sample (PL1-S1).

PL1-S1, contained 3,190 mg/kg of diesel-range hydrocarbons and 425 mg/kg of gasoline-range hydrocarbons, contrary to field indicators. The diesel concentration does not exceed the most stringent RBC for occupational receptors. The concentration of diesel exceeds the RBC for direct contact for residential receptors only. Because the soils represented by this sample are inaccessible, this exposure pathway is considered incomplete. The concentration of gasoline exceeds the RBC for Vapor Intrusion for residential receptors only. Because the soils represented by this sample are

located greater than 200 feet from an adjoining residential property, this exposure pathway is considered incomplete. Furthermore, a sub-slab soil gas sample (Sample ID SS1) was collected from beneath the building adjacent to these soils during an initial investigation of the overall site. Analysis of SS1 did not detect gasoline, and no VOCs were detected above residential RBCs. The concentration of gasoline exceeds the RBC for leaching to groundwater for all receptors. Because the impacted soils are underlain by a confining layer of siltstone, there is greater than 10 feet of separation between the impacted soils and the water table (41-83 feet bgs), this pathway is considered incomplete.

PL1-S1 was also analyzed for constituents via EPA Method 8260 (VOCs), Method 8270 (PAHs), Method 6020A (Metals), and Method 8082A (PCBs). Concentrations of all constituents detected fall below their most stringent RBCs.

PL1-S1 was collected at 5.0 feet bgs, below the leaking product line run, 20 feet east from its starting point in the T1 excavation. The sample is bound by north (NPW1) and south (SPW1) lateral samples that show levels below laboratory reporting limits, and by an east lateral sample (WTE) collected at 7.0 feet bgs that shows levels of diesel-range hydrocarbons that are significantly reduced (71.0 mg/kg). With the knowledge that a confining layer of siltstone exists at the Site at 7.0 feet bgs, it is estimated that based on data currently available, a 20' x 20' x 2' lens of approximately 30 cubic yards of petroleum contaminated soils remain in the former product line trench from 5.0 to 7.0 feet bgs. The laboratory noted a qualifier for sample PL1-S1 indicating that "the chromatographic pattern does not resemble the fuel standard used for quantification". No other samples collected during this investigation contained significant concentrations of gasoline.

Point Source recommends that the open LUST file be closed by ODEQ.

This UST decommissioning and cleanup project was performed in accordance with ODEQ UST Decommission Program requirements. No further action is recommended at this time.

9.0 Limitations:

This UST Decommissioning Report for the Site addressed as 5758 Crater Lake Avenue, Central Point, Oregon is intended for the exclusive use of RB Browns Trucking Inc and ODEQ, or parties specified by these entities.

The conclusions contained within this report are based upon site conditions present at the time of this project.

Point Source Solutions has performed this project in accordance with applicable regulations and generally accepted practices of reputable environmental professionals and contractors. This report is based upon observations made directly by representatives of Point Source Solutions as well as information provided by others. Although we have no reason to believe that the information provided to us by others and subsequently included in the report is not accurate, we cannot be held responsible for inaccuracies that may have been reported to us.

FIGURES

SITE PLAN
TOPOGRAPHIC MAP
SAMPLE LOCATION DIAGRAM

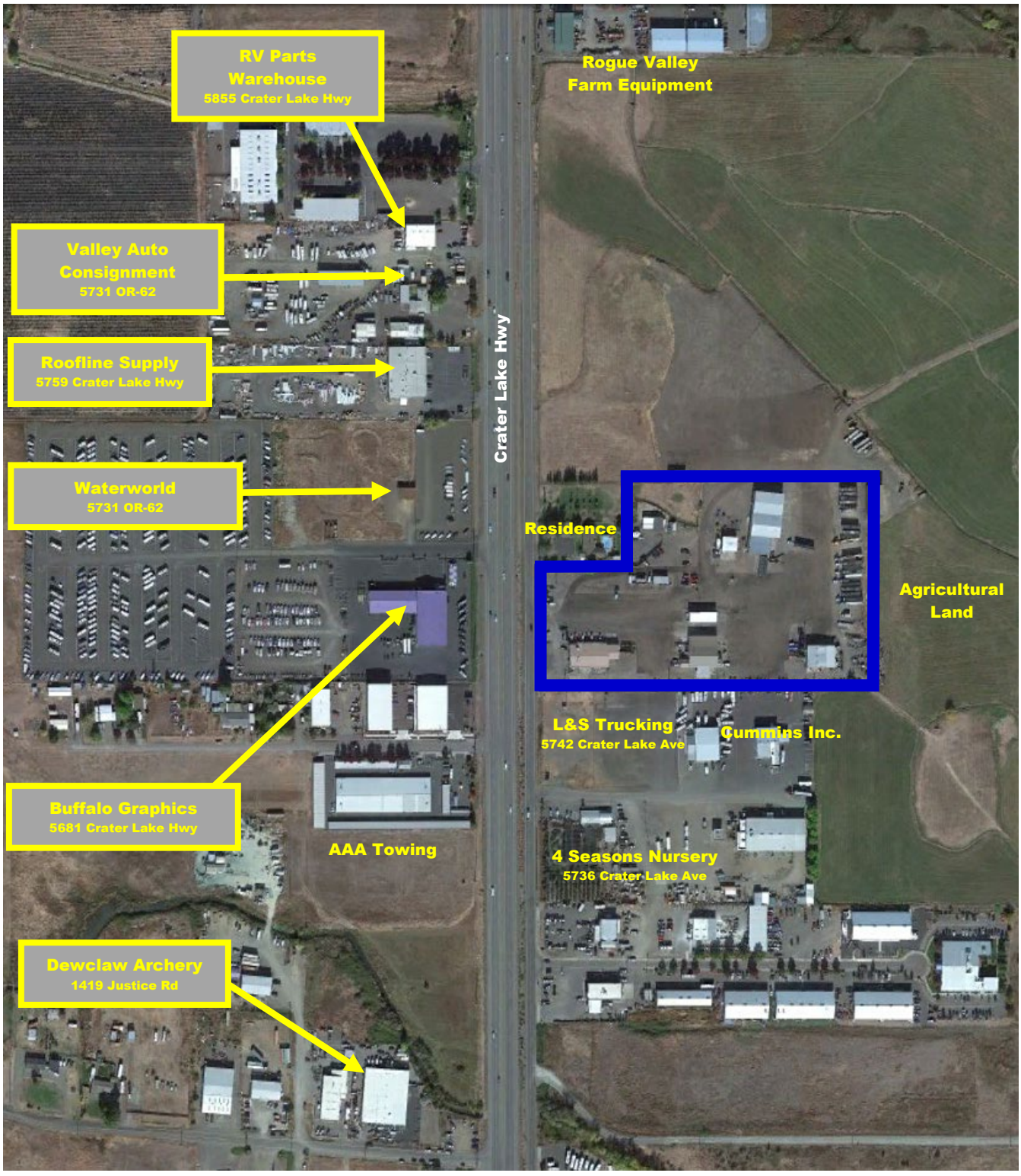

FIGURE 1: SITE PLAN

From Google Earth 2020

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Site Name: RB Browns Trucking
5758 Crater Lake Ave
Central Point, Oregon 97502

Project Number: OR210526-4

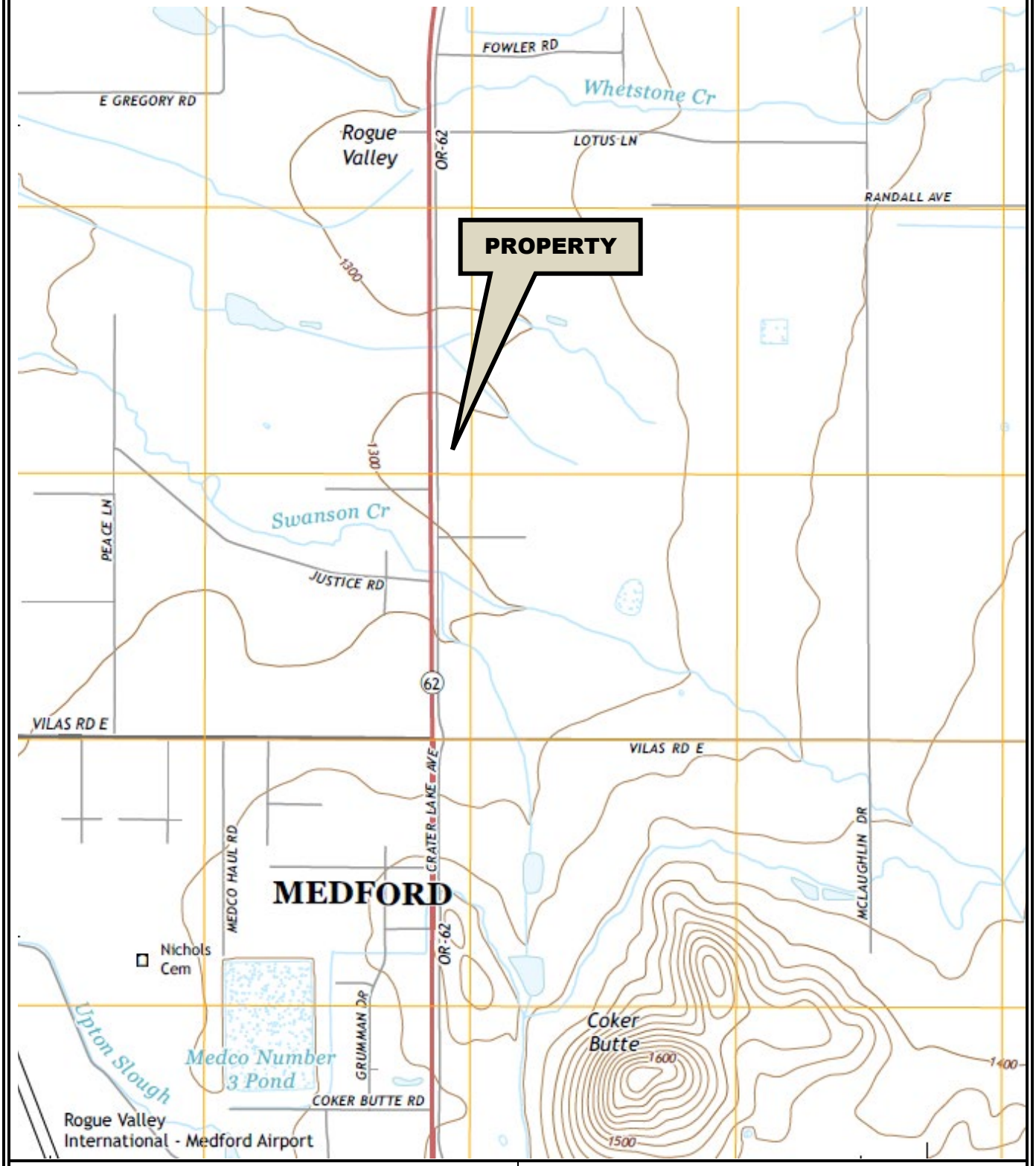

FIGURE 2 - TOPOGRAPHIC MAP

Source: USGS 7.5 Minute Topographic Map
Eagle Point OR Quadrangle, 2014

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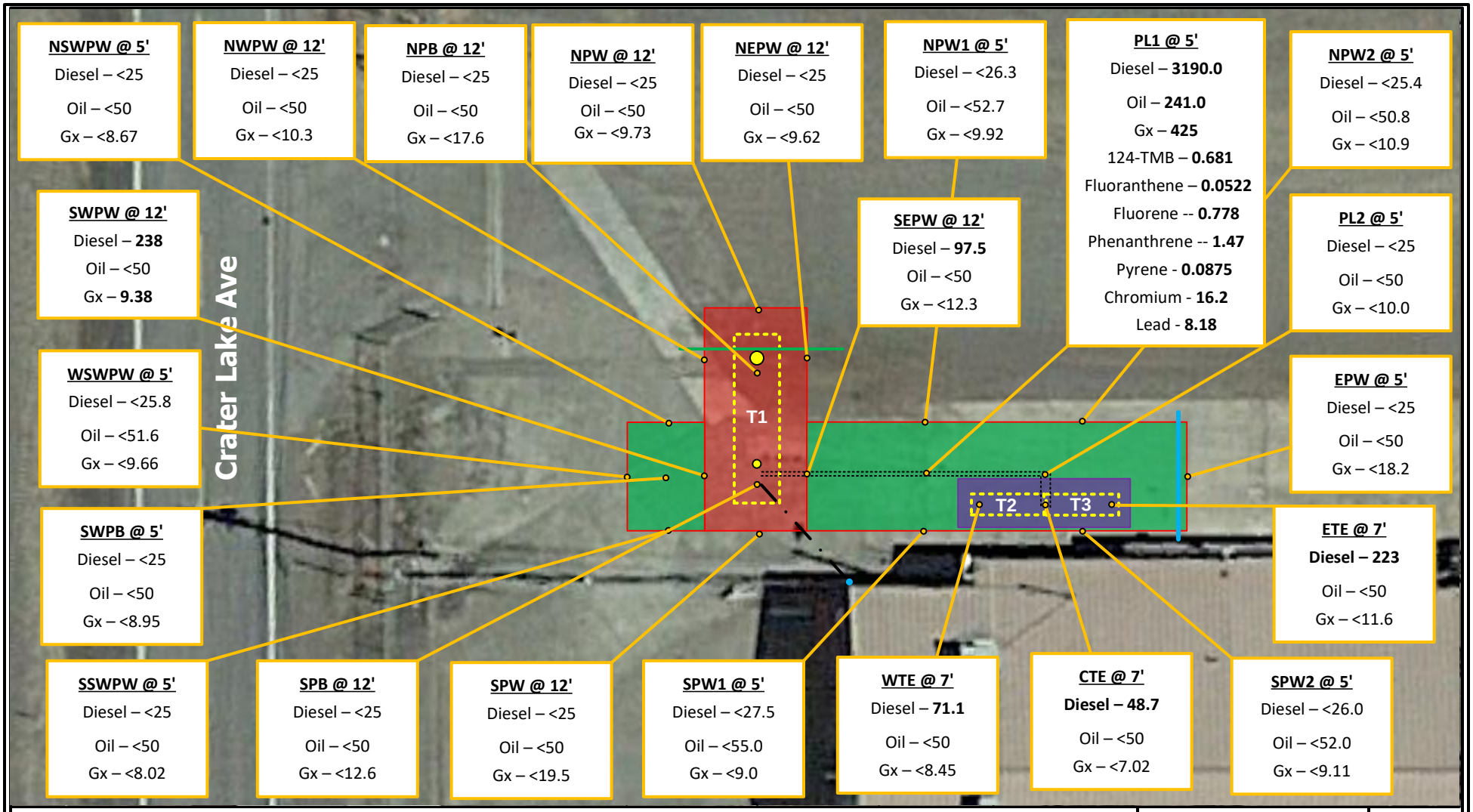

FIGURE 3: SAMPLE LOCATION DIAGRAM

Background Imagery from Google Earth (2018)

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Notes:
- Soil results in mg/kg
- T1 = 10,000 gals., T2, T3 = 1,000 gals.

Soil Sample Location
Excavation to 7' bgs
Removed Product Line
Manhole/fill port
Private Water Line
Former Tank Location
Excavation to 12' bgs
Excavation to 5' bgs
Vent Line
Aboveground vent pipe
Sewer Line

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Site Name: RB Browns Trucking
LUST #15-21-0678
5758 Crater Lake Avenue
Central Point, Oregon

Project Number: OR210526-4

Scale in Feet (Approximate)

30

APPENDIX A

UST FACILITY LIST

State of Oregon Department of Environmental Quality
Underground Storage Tank Facility List
Sorted by Zip Code then by Facility Name as of October 1, 2021

Facility ID	FACILITY NAME	ADDRESS	CITY	ZIP Code	PHONE	PERMITTEE	# ALL Tank	# ACTIVE TANK	# DECOMM Tank	# PERMIT Tank
5461	JD'S MARKET	6079 TABLE ROCK RD	CENTRAL POINT	97502	(503) 773-5216	JD'S MARKET, GERALD BYNGE, OWNER	3			
4809	JOHNS PEAK RML	T37S R2W S18	CENTRAL POINT	97502	(503) 776-4307	MERLE J. ABBOTT, SFO MANAGER	1		1	
8362	KIRTLAND PUMP STATION	ACROSS FROM 3230 KIRTLAND RD	CENTRAL POINT	97502	(503)779-4144	WAYNE WEAVER, MAINTENANCE DIRECTOR	1		1	
9050	L & S TRUCKING	5742 CRATER LAKE AVE	CENTRAL POINT	97502	(503) 826-5508	LLOYD BANDLE, OWNER	1		1	
12614	LAMPSON PROPERTY	131 N FRONT ST	CENTRAL POINT	97502	(541) 250-4971	ELDON LAMPSON	2		2	
4261	LEATHERS OIL CO	5020 TABLE ROCK RD	CENTRAL POINT	97502	(503) 661-1244	LILA LEATHERS, OWNER	7	3	4	3
8185	LITTLEFIELD, BILL	775 E VILAS RD	CENTRAL POINT	97502	(503)776-7959	BILL LITTLEFIELD, OWNER	2		2	
7418	LTM INC	3959 HAMRICK RD	CENTRAL POINT	97502	(503)779-2303		8		8	
7416	LTM, INC	3750 KIRTLAND ROAD	CENTRAL POINT	97502	(503)779-2303		3		3	
10757	MCDONALD INDUSTRIES	5100 CRATER LAKE AVE	CENTRAL POINT	97502	(503)686-9844	DALE FOSTER	1			
10572	MEILICKE LOGGING INC.	2864 TAYLOR RD	CENTRAL POINT	97502	(503) 664-1744		2		2	
12031	MUSTANG SPECIALITIES	1840 E. PINE STREET	CENTRAL POINT	97502	(800) 246-9602	JAMES BATZER, VICE PRESIDENT	1		1	
896	OR ST HWY 3-8 CENTRAL POINT	4141 HAMRICK RD	CENTRAL POINT	97502	(503)776-6225	CARL WINSFREY, MAINTENANCE SUPERVISOR C	4		4	
3362	OR STATE FORESTRY	5286 TABLE ROCK RD	CENTRAL POINT	97502	(503) 664-3328	CLIFF LIEDKE, PROTECTION UNIT FORESTER	3		3	
12059	OREGON DEPT OF FISH & WILDLIFE	1495 E GREGORY RD.	CENTRAL POINT	97502	(541) 826-8774	MERV WOLFER, DISTRICT WILDLIFE BIOLOGIST	1		1	
6511	PANOCO, INC #27	1480 E PINE	CENTRAL POINT	97502	(503) 689-0433	BOB SALING, MANAGER RETAIL SALES	5		5	
2133	PERRINE INDUSTRIAL ELECTRICIANS INC	6067 CRATER LAKE HWY	CENTRAL POINT	97502	(503)826-5505	RONALD HASKETT, PRESIDENT	1		1	
11611	PILOT TRAVEL CENTER #391	1590 E PINE ST	CENTRAL POINT	97502	865-588-7488	Chip Hughes	7	7		7
1390	PINE STREET MARKET	1125 E PINE ST	CENTRAL POINT	97502	(541) 887-8914	Mike Poole	5	4	1	4
168	PINE TREE MARKET	7457 BLACKWELL RD	CENTRAL POINT	97502	(503)664-1312	RICHARD C. FERNANDES, OWNER	2		2	
5919	QWEST CORPORATION dba CENTURYINK QC (R0	336 MANZANITA ST	CENTRAL POINT	97502	(253) 372-5184	Joe Robertson	2	1	1	1
7869	R B BROWNS TRUCKING INC	5758 CRATER LAKE HWY	CENTRAL POINT	97502	(503)826-2411	R B BROWN, PRESIDENT	1		1	
4615	SOUTHERN OREGON LUMBER	224 S AMY ST	CENTRAL POINT	97502	(503) 644-3365	ASHENBERNER MOULDING CO INC	2		2	
11097	THORNHILL, NOVA	3930 OLD STAGE RD	CENTRAL POINT	97502	(503)664-3988	NOVA THORNHILL, OWNER	3		3	
1950	U & R EXPRESS, INC.	6740 CRATER LAKE AVE	CENTRAL POINT	97502	(503)826-6416	CHARLES W. BOEHLKE, MAINTENANCE SUPV.	3		3	
8000	USDA FS, J. HERBERT STONE NURSERY	2606 OLD STAGE RD	CENTRAL POINT	97502	(503)776-4283	STEVEN W. DEITEMEYER, FOREST SUPERVISOR	7		7	
2141	WATER QUALITY CONTROL PLANT	1100 KIRTLAND RD	CENTRAL POINT	97502	(503)826-7943	MARV KENNEDY, WQCP SUPERINTENDENT	1		1	
554	WESTHILLS CONTRY STORE	2015 HANLEY RD	CENTRAL POINT	97502	(503)772-5792	JOE SMITH	2		2	
6520	WHITE CITY 76	7640 CRATER LAKE HWY	WHITE CITY	97502	541-479-5343	Lane Colvin	8	4	4	4
7331	WHITES MIDWAY SERVICE	15 W VILAS RD	CENTRAL POINT	97502	(503)393-9199	WESLEY WHITE, OWNER	3		3	
9642	YOAKLEY, CARRIE	5019 TABLE ROCK RD	CENTRAL POINT	97502	(503) 772-3987		3		3	
4026	3M - WHITE CITY	8124 PACIFIC AVE	WHITE CITY	97503	(503)826-4511 EX 253	BRUCE E CAPP, PLANT ENGINEER	3		3	
7045	A & P LOGGING COMPANY	6840 CRATER LAKE HWY	WHITE CITY	97503	(541) 772-6048	ROBERT R PLANKENHORN, PRESIDENT	3		3	
4306	BIOMASS-ONE OPERATING CO, INC.	2350 AVE G	WHITE CITY	97503	(503)826-9422	BRUCE SHAW, PLANT MANAGER	1		1	

State of Oregon Department of Environmental Quality
Underground Storage Tank Facility List
Sorted by Zip Code then by Facility Name as of October 1, 2021

Facility ID	FACILITY NAME	ADDRESS	CITY	ZIP Code	PHONE	PERMITTEE	# ALL Tank	# ACTIVE TANK	# DECOMM Tank	# PERMIT Tank
3390	CASCADE WOOD PRODUCTS	4299 14TH ST	WHITE CITY	97503	(503) 826-2911	CASCADE WOOD PRODUCTS	1		1	
11837	DEPT OF VETERANS AFFAIRS DOMICILIARY	8495 CRATER LAKE HWY	WHITE CITY	97503	(541)826-2111		1		1	
6771	EUGENE F. BURRILL LUMBER CO.	8425 AGATE RD	WHITE CITY	97503	(503)826-2221	MICHAEL E. BURRILL, PRESIDENT	7		7	
632	FLOYD'S RENT-ALL & SALES, INC.	7162 CRATER LAKE HWY	WHITE CITY	97503	(503) 826-3005	FLOYD R. MCHARGUE, OWNER	2		2	
6796	GEO GROOM TRUCKING INC	6898 CRATER LAKE HIGHWAY	WHITE CITY	97503	(503) 664-3925	MARIE GROOM, SECRETARY	3		3	
4655	INTERSTATE DISTRIBUTOR CO	2050 ANTELOPE RD	WHITE CITY	97503	(503) 826-7227	DEL DELORENZO, MANAGER	3		3	
8069	JACKSON COUNTY FIRE DISTRICT #3	8333 AGATE RD	WHITE CITY	97503	(503) 826-7100	WILLIAM ANSON, FIRE CHIEF	4		4	
6269	JACKSON COUNTY PUBLIC WORKS DEPARTMENT	200 ANTELOPE RD	WHITE CITY	97503	541-774-6223	Chad Helvey	17	5	12	5
2969	JACKSON COUNTY VECTOR CONTROL DIST	180 ANTELOPE RD	WHITE CITY	97503	(503)826-2199	EUGENE PAPINEAU, DISTRICT MANAGER	2		2	
7697	L & E'S DELI MART	7625 CRATER LAKE HWY	WHITE CITY	97503	(503)664-4568	ED EDINGTON, OWNER	4		4	
1274	LIL' PANTRY LLC - WHITE CITY	7600 CRATER LAKE HWY	WHITE CITY	97503	(541) 660-2170	Dale Hurst	11	3	8	3
4195	MEDFORD BISHOPS STOREHOUSE	7575 PACIFIC AVE	WHITE CITY	97503	(503)826-4220	EVERETT WELDON, STOREHOUSE MANAGER	1		1	
2603	MEDFORD CORP/DELAH	7905 AGATE RD	WHITE CITY	97503	(503)826-2671	RICH HOGUE, MANAGER	7		7	
5587	MEDFORD MOULDING COMPANY	2350 AVENUE F	WHITE CITY	97503	(503) 826-2181	PHILLIP K SHUGART, VP	2		2	
5889	MEDPLY	8250 AGATE RD	WHITE CITY	97503	(503) 826-3142	MEDPLY	4		4	
12056	MODOC ORCHARD	9936 MODOC RD	WHITE CITY	97503	(541) 772-4160	RIC RENO, GENERAL MANAGER	1		1	
2556	NORTHROP, EARL	8380 HWY 62	WHITE CITY	97503	(503)826-2621	EARL NORTHROP	4		4	
3713	PEPSI-COLA BOTTLING CO. OF MEDFORD, INC.	2727 AVENUE G	WHITE CITY	97503	(503)826-2971	RAY HINKLE, ASSISTANT MANAGER	2		2	
2358	RAINEY'S CORNER MARKET	4865 HWY 234	WHITE CITY	97503	(541) 826-6300	Scott Rice, Manager	11	4	7	4
3178	RB BROWNS TRUCKING	5756 CRATER LAKE AVE	WHITE CITY	97503	(503) 826-4089	RB BROWN, OWNER	1		1	
4121	ROYAL OAK ENTERPRISES INC	7930 AGATE RD	WHITE CITY	97503	(503)826-2756	KIRBY J RENFRO, PLANT MANAGER	2		2	
4123	ROYAL OAK ENTERPRISES INC	7890 ANTELOPE ROAD	WHITE CITY	97503	(503)826-2756	KIRBY J RENFRO, PLANT MANAGER	1		1	
10629	SAMS VALLEY CARD LOCK	13325 ANTIOCH RD	WHITE CITY	97503	(541) 772-2053	Craig Randolph	3	3		3
329	STEVE WILSON CO. CORP.	8705 CRATER LAKE HWY	WHITE CITY	97503	(503)826-3758	STEVE WILSON CO. CORP., OWNER	4		4	
6417	STONE FOREST INDUSTRIES	7975 11TH ST	WHITE CITY	97503	(503) 826-2811	GIL ARCHER, MAINTENANCE SUPERINTENDENT	2		2	
5810	UNITED TELEPHONE CO OF THE NW	2650 AVENUE G	WHITE CITY	97503	(503)387-9316	CHUCK SMITH, PROPERTY ADMINISTRATOR	1		1	
8007	VA DOMICILIARY	HWY 62	WHITE CITY	97503	(503)826-2111	JOHN T GREGORY, CHIEF ENGINEER	3		3	
8501	WCTU RAILWAY CO.	13TH ST & AVE F	WHITE CITY	97503	(503)826-2631	JOHN M. BALL, MANAGER OF OPERATIONS	2		2	
9320	WECO WHITE CITY PACIFIC PRIDE	2094 ANTELOPE RD	WHITE CITY	97503	(503) 224-8500	Lance Woodbury	5	5		5
9826	WESTPAC MOULDING OF OREGON	1385 ANTELOPE RD	WHITE CITY	97503	(503)826-2742	JOHN GOTTWALD	1		1	
5285	WHIPPLE/ANTHONY	AGATE ROAD & AVE A	White City	97503	(503)826-2676	GARY WHIPPLE/HAROLD ANTHONY	1		1	
12553	WHITE CITY CARDLOCK	1115 ANTHONY WAY	WHITE CITY	97503	(541) 772-2053	CRAIG RANDOLPH	4	4		4
5224	WHITE CITY CHEVRON CIRCLE K	6779 CRATER LAKE HWY 62	WHITE CITY	97503	(541) 479-5343	Lane Colvin	7	4	3	4

APPENDIX B

ODEQ FORMS AND CHECKLISTS

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

30-DAY NOTICE OF INTENT TO DECOMMISSION USTS OR COMPLETE A CHANGE-IN-SERVICE

1. FACILITY (Location of Tanks) (*Please Print*)

Name: RB Browns Trucking Inc
Address: 5758 Crater Lake Hwy
Central Point, OR 97502
Phone: (503)826-2411

2. PERMITTEE (*Please Print*)

Name: Point Source Solutions
Address: 10445 SW Canyon Rd STE 266
Beaverton, OR 97005
Phone: (503) 236-5885

DEQ General Permit Operating Certificate Number: 7869

Work To Be Performed By: Point Source Solutions License # 27085
(Permittee, Tank Owner, Property Owner or Licensed Service Provider) (Service Provider)

Phone: (503) 236-5885 Mobile Phone: (503) 860-8811

THIS FORM MUST BE SUBMITTED BY UST PERMITTEE 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on Page 2)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes ☐ No ☑

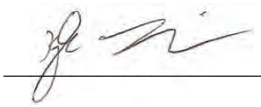
Date decommissioning is scheduled to begin: 10/11/21

			PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES*	NO
T1	7869	10,000	N/A	N/A	☑	☐	☐	☐	☑
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

* If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a *General Permit Registration Form to Install and Operate USTs* for the new tanks **30 days** before installing them.

♦ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if (1) tank is to be decommissioned in-place, (2) tank contents are changed to an unregulated substance or (3) tank contains a regulated substance other than petroleum.

Permittee: Kyle Fisher
(***Please Print***)

Permittee:  Date: 9/21/21
(***Signature***)

THIS NOTICE AND THE 3-DAY TELEPHONE NOTICE ARE REQUIRED prior to starting decommissioning work on a regulated underground storage tank (UST). Decommissioning work includes but is not limited to excavation and removal of the tank and its appurtenances, removal of underground piping (product, vent and vapor recovery piping), soil sampling, and groundwater sampling. (Decommissioning USTs or completing a change-in-service must be done in accordance with the conditions and requirements of OAR 340-150-0166, the general permit to decommission USTs).

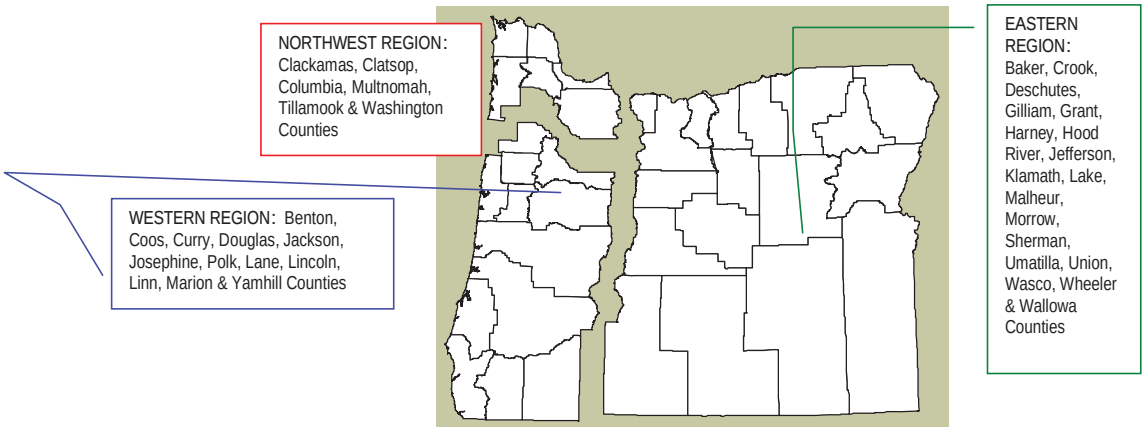
THIS NOTICE IS NOT REQUIRED for decommissioning unregulated tanks. To determine whether an underground tank is regulated please refer to OAR 340-150-0008 for UST's that are excluded or deferred from regulation, and OAR 340-150-0010 (82) for the definition of a UST, or contact DEQ. (Examples are heating oil, and most residential or farm motor fuel tanks under 1100 gallons.)

ALL PAST DUE UST GENERAL PERMIT ANNUAL COMPLIANCE FEES MUST BE PAID before this decommissioning notice will be accepted by DEQ.

MAKE SURE THIS FORM IS COMPLETE WITH ALL ATTACHMENTS as a notice that is incomplete will not be accepted.

RETURN COMPLETED AND SIGNED FORM TO THE DEQ REGIONAL OFFICE FOR YOUR AREA (Addresses are listed below).

3-DAY NOTICE: Contact your local DEQ Regional Office 3-days before starting work. (Phone numbers are listed below).



EASTERN REGION / BEND 475 NE BELLEVUE, SUITE 110 BEND, OR 97701 Phone: 541-388-6146 Fax: 541-388-8283	WESTERN REGION / COOS BAY 381 N SECOND STREET COOS BAY 97420 Phone: 541-269-2721 Fax: 541-269-7984	WESTERN REGION / MEDFORD 221 STEWART AVE., SUITE 201 MEDFORD, OR 97501 Phone: 541-776-6010 Fax: 541-776-6262
NORTHWEST REGION 700 NE MULTNOMAH ST. PORTLAND, OR 97232 Phone: 503-229-5263 Fax: 503-229-6945	WESTERN REGION / EUGENE 165 EAST 7TH AVE., SUITE 100 EUGENE, OR 97401 Phone: 541-686-7838 Fax: 541-686-7551	

For information or assistance with this form call (503) 229-6652 or the UST HELPLINE: 1-800-742-7878 (Toll Free in Oregon).

Program information, registration forms, administrative rules and other publications can also be found on our Homepage at:

http://www.deq.state.or.us/lq/tanks/ust/index.htm

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

Initial (Twenty Day) Report Form for UST Cleanup Projects

This report is due twenty (20) days from the date of the release.

DEQ USTC File No. 15-21-0678

DEQ Facility ID No. 7869

Site Name: RB Browns Trucking Inc

Site Address: 5758 Crater Lake Hwy, Central Point, OR 97502

INITIAL CLEANUP INFORMATION

(1) Type of contamination (check √ all that apply):

☑ Gasoline ☑ Diesel ☐ Waste Oil ☐ Heating Oil

☐ Other (specify) _____

(2) Estimate quantity of release (based on information known to date – ● select only one):

● <100 gal. ○ 100-499 gal. ○ 500-999 gal. ○ 1,000-5,000 gal. ○ >5,000 gal.

SITE INFORMATION (check √ yes or √ no)

(3) ☐ Y ☑ N Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: _____

(4) ☐ Y ☑ N Was a sheen or odor observed on any water in the excavation?

Note: If groundwater is encountered, soil samples from the soil/water interface must be collected and analyzed for BTEX and by the appropriate TPH method.

At sites where diesel or other non-gasoline products have been released, the water may also have to be screened or tested for polynuclear aromatic hydrocarbons (PAHs). *Please refer to OAR 340-122-0218.*

(5) ☐ Y ☑ N Was water pumped from the excavation?

☐ Y ☑ N If yes, did groundwater recharge within 24 hours after pumping?

Please describe the pumping procedure and disposal option selected for the purged excavation water:

(6) ☐ Y ☑ N Were any water samples collected from the excavation? If yes, please describe:

(7) ☑ Y ☐ N Have any soil and/or water sample results been received at this time?

If so, please attach any lab reports.

IF GROUNDWATER HAS BEEN ENCOUNTERED, PLEASE ANSWER QUESTIONS #8-13, BELOW.
IF NO WATER HAS BEEN ENCOUNTERED, PLEASE SKIP TO QUESTION #14

(8) What are the known uses of groundwater within a 500-foot radius of the release site (check √ all that apply)?

☐ non-use ☑ industrial ☐ agricultural ☐ drinking supply

(9) If groundwater in this area is being used as a drinking water supply, please check √ the type and size of population served by the supply:

☐ Community (community well used for drinking water year round – ● select only one)

size: ○ <1,000 people ○ 1,000 - 5,000 people ○ >5,000 people

☐ Intermittent use (public water used for drinking water only on a part-time basis – ● select only one)

size: ○ <50 people ○ 50 - 300 people ○ > 300 people

☐ Private wells (individual private well or wells used for drinking water – ● select only one)

size: ○ <10 people ○ 10 - 25 people ○ >25 people

(10) ☐ **Y** ☑ **N** Is there any evidence this water supply has been or is likely to be impacted from the petroleum product release? If yes, estimate how difficult it would be to replace the existing supply:

☐ bottled water is the only alternative

☐ on-site water treatment; bulk water delivery; new wells are available

☐ able to connect to existing water supply

☐ do not know what alternatives would be available

(11) ☐ **Y** ☑ **N** Are/were vapors present in on-site or nearby buildings? If yes:

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain: _____

B. Estimate the number of people potentially affected by vapors – ● select only one:

○ 1-2 people ○ 3-10 people ○ >10 people

(12) ☐ **Y** ☑ **N** Are vapors or is petroleum contamination present in the utility corridors?

If yes, please explain: _____

(13) ☐ **Y** ☑ **N** Are natural areas located within 1/4 mile of the site? If so, please describe types (parks, rivers, wetlands, sensitive habitats, *etc.*) and proximity: _____

(14) ☑ **Y** ☐ **N** If groundwater was not encountered in the excavation, do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site? If yes, then refer to OAR 340-122-0305 through 0360.

AREA/SITE CONDITIONS:

(15) Mean annual rainfall: ○ <20 inches ◉ 20-45 inches ○ >45 inches

(16) Soil type(s) of the naturally occurring soils, not the backfill around the tank – ● select only one:

◉ clays, compact tills, shales, and unfractured metamorphic and igneous rocks

○ sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock

○ fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

SOIL MANAGEMENT

(17) If soil sample results have been received:

☑ **Y** ☐ **N** Will the level of contamination detected require removal of contaminated soil for treatment or disposal?

(18) All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

N/A

Note: It is a violation to stockpile petroleum contaminated soil (PCS) on-site for greater than 30 days without a DEQ Solid Waste Letter Authorization (SWLA) Permit.

(19) If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin: N/A

(20) Estimated volume of contaminated soil (specify tons or cubic yards): 200 tons

(21) Intended disposition of soils (please ● select only one):

○ On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.

○ Thermal treatment off-site at an authorized facility.

◉ Landfill disposal.
Name of Landfill: Dry Creek Landfill

Note: Please attach additional information as necessary to explain any unusual circumstances associated with this project.

This initial report is intended to provide the Department with the basic initial information about activities associated with the release. Future reports should provide a more detailed and complete picture of the cleanup project.

Please be aware that a DEQ permit/authorization is required for the following activities:

1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.

2) Water discharges to a stream/storm drain from the excavation or treatment tank.

If these activities will be included in your cleanup project, contact the regional DEQ office for the appropriate application forms, information on permit fees and guidance documents.

THIS REPORT WAS PREPARED BY:

Individual: Kyle Fisher Date: 9/21/21

Company: Point Source Solutions Phone: (503) 860-8811

Address: 10445 SW Canyon Rd

STE 266

City: Beaverton State OR Zip 97005

1. Please return this form to the regional office in which the site is located. If you have questions, call the contact person in your regional office.

2. For all tanks, except heating oil tanks, you must submit an *UST Decommissioning Checklist and Site Assessment Report* to the appropriate regional office within 30 days of the UST decommissioning. Failure to do so can result in delays to your project and may result in continued billing for the annual tank permit fees.

3. Addresses and phone numbers for the regional offices can be found in the *UST Cleanup Manual* or viewed and downloaded from this DEQ Webpage: http://www.deq.state.or.us/about/locations.htm

4. Copies of the *UST Cleanup Manual* and other UST program forms and checklists can be viewed and downloaded from DEQ's Website: http://www.deq.state.or.us/lq/tanks/ust/index.htm

or in the Portland area by calling Steve Paiko at 503-229-6652

or outside the Portland area leaving a message on the UST Help Line (toll-free in Oregon) at 1-800-742-7878

KEEP A COPY OF THIS REPORT FOR YOUR FACILITY RECORDS

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Wednesday, July 7, 2021

Jeff Jackman
Point Source Solutions, LLC
10445 SW Canyon Road Suite 266
Beaverton, OR 97005

RE: A1F0881 - 5758 Crater Lake Ave - [none]

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

Enclosed are the results of analyses for work order A1F0881, which was received by the laboratory on 6/18/2021 at 4:15:00PM.

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

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	3.4 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Kevin Friscia, Project Manager

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

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
STE-S1-4	A1F0881-01	Soil	06/17/21 15:30	06/18/21 16:15
NTE-S1-7	A1F0881-03	Soil	06/17/21 16:17	06/18/21 16:15
WTE-S2-9	A1F0881-04	Soil	06/17/21 15:49	06/18/21 16:15
OWS-S1-4	A1F0881-05	Soil	06/17/21 17:19	06/18/21 16:15
OWS2-S1-4	A1F0881-06	Soil	06/17/21 17:40	06/18/21 16:15
OWS3-S1-4	A1F0881-07	Soil	06/17/21 17:59	06/18/21 16:15
TC	A1F0881-08	Soil	06/17/21 18:20	06/18/21 16:15
SB1-S1-4	A1F0881-09	Soil	06/18/21 08:56	06/18/21 16:15
SB2-S1-4	A1F0881-10	Soil	06/18/21 09:12	06/18/21 16:15
SB3-S1-4	A1F0881-11	Soil	06/18/21 09:28	06/18/21 16:15

Apex Laboratories

Kevin Friscia, Project Manager

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

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
STE-S1-4 (A1F0881-01)				**Matrix: Soil**		**Batch: 1061010**		
Diesel	**115**	---	26.6	mg/kg dry	1	06/23/21 22:29	NWTPH-Dx	
Oil	ND	---	53.3	mg/kg dry	1	06/23/21 22:29	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 80 %*		*Limits: 50-150 %*	*1*	*06/23/21 22:29*	*NWTPH-Dx*	
NTE-S1-7 (A1F0881-03)				**Matrix: Soil**		**Batch: 1061010**		
Diesel	ND	---	25.0	mg/kg dry	1	06/23/21 22:51	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg dry	1	06/23/21 22:51	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 81 %*		*Limits: 50-150 %*	*1*	*06/23/21 22:51*	*NWTPH-Dx*	
WTE-S2-9 (A1F0881-04)				**Matrix: Soil**		**Batch: 1061010**		
Diesel	**1060**	---	25.0	mg/kg dry	1	06/23/21 23:13	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg dry	1	06/23/21 23:13	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 93 %*		*Limits: 50-150 %*	*1*	*06/23/21 23:13*	*NWTPH-Dx*	
OWS-S1-4 (A1F0881-05)				**Matrix: Soil**		**Batch: 1061010**		
Diesel	ND	---	26.8	mg/kg dry	1	06/23/21 23:34	NWTPH-Dx	
Oil	ND	---	53.5	mg/kg dry	1	06/23/21 23:34	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 86 %*		*Limits: 50-150 %*	*1*	*06/23/21 23:34*	*NWTPH-Dx*	
OWS2-S1-4 (A1F0881-06)				**Matrix: Soil**		**Batch: 1061011**		
Diesel	ND	---	25.8	mg/kg dry	1	06/24/21 01:47	NWTPH-Dx	
Oil	ND	---	51.6	mg/kg dry	1	06/24/21 01:47	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 70 %*		*Limits: 50-150 %*	*1*	*06/24/21 01:47*	*NWTPH-Dx*	
OWS3-S1-4 (A1F0881-07)				**Matrix: Soil**		**Batch: 1061011**		
Diesel	ND	---	26.8	mg/kg dry	1	06/24/21 02:33	NWTPH-Dx	
Oil	ND	---	53.6	mg/kg dry	1	06/24/21 02:33	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 79 %*		*Limits: 50-150 %*	*1*	*06/24/21 02:33*	*NWTPH-Dx*	
SB1-S1-4 (A1F0881-09RE1)				**Matrix: Soil**		**Batch: 1061011**		
Diesel	**453**	---	42.8	mg/kg dry	2	06/24/21 10:50	NWTPH-Dx	
Oil	**199**	---	85.6	mg/kg dry	2	06/24/21 10:50	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 84 %*		*Limits: 50-150 %*	*2*	*06/24/21 10:50*	*NWTPH-Dx*	*S-05*
SB2-S1-4 (A1F0881-10)				**Matrix: Soil**		**Batch: 1061011**		
Diesel	**86.0**	---	26.1	mg/kg dry	1	06/24/21 03:41	NWTPH-Dx	

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB2-S1-4 (A1F0881-10)				**Matrix: Soil**		**Batch: 1061011**		
Oil	ND	---	52.2	mg/kg dry	1	06/24/21 03:41	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 72 %*		*Limits: 50-150 %*	*1*	*06/24/21 03:41*	*NWTPH-Dx*	
SB3-S1-4 (A1F0881-11RE1)				**Matrix: Soil**		**Batch: 1061011**		
Diesel	**4200**	---	123	mg/kg dry	5	06/24/21 08:07	NWTPH-Dx	
Oil	ND	---	246	mg/kg dry	5	06/24/21 08:07	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 110 %*		*Limits: 50-150 %*	*5*	*06/24/21 08:07*	*NWTPH-Dx*	*S-05*

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
STE-S1-4 (A1F0881-01)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	**16.8**	---	8.31	mg/kg dry	50	06/24/21 04:54	NWTPH-Gx (MS)	**F-09**
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 105 %*		*Limits: 50-150 %*	*1*	*06/24/21 04:54*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*06/24/21 04:54*	*NWTPH-Gx (MS)*	
NTE-S1-7 (A1F0881-03)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	ND	---	6.49	mg/kg dry	50	06/24/21 05:21	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*		*Limits: 50-150 %*	*1*	*06/24/21 05:21*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*06/24/21 05:21*	*NWTPH-Gx (MS)*	
WTE-S2-9 (A1F0881-04)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	**71.3**	---	7.15	mg/kg dry	50	06/24/21 05:48	NWTPH-Gx (MS)	**F-09**
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 130 %*		*Limits: 50-150 %*	*1*	*06/24/21 05:48*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*06/24/21 05:48*	*NWTPH-Gx (MS)*	
OWS-S1-4 (A1F0881-05)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	ND	---	7.76	mg/kg dry	50	06/24/21 06:15	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*		*Limits: 50-150 %*	*1*	*06/24/21 06:15*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*06/24/21 06:15*	*NWTPH-Gx (MS)*	
OWS2-S1-4 (A1F0881-06)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	ND	---	7.15	mg/kg dry	50	06/24/21 06:42	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*		*Limits: 50-150 %*	*1*	*06/24/21 06:42*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*06/24/21 06:42*	*NWTPH-Gx (MS)*	
OWS3-S1-4 (A1F0881-07)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	ND	---	7.14	mg/kg dry	50	06/24/21 07:09	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 103 %*		*Limits: 50-150 %*	*1*	*06/24/21 07:09*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*06/24/21 07:09*	*NWTPH-Gx (MS)*	
SB1-S1-4 (A1F0881-09)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	ND	---	4.85	mg/kg dry	50	06/24/21 07:36	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*		*Limits: 50-150 %*	*1*	*06/24/21 07:36*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*06/24/21 07:36*	*NWTPH-Gx (MS)*	
SB2-S1-4 (A1F0881-10)				**Matrix: Soil**		**Batch: 1061027**		
Gasoline Range Organics	ND	---	7.61	mg/kg dry	50	06/24/21 08:03	NWTPH-Gx (MS)	

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB2-S1-4 (A1F0881-10)				**Matrix: Soil**		**Batch: 1061027**		
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 103 %*	*Limits: 50-150 %*	*1*	*06/24/21 08:03*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*06/24/21 08:03*	*NWTPH-Gx (MS)*	
SB3-S1-4 (A1F0881-11)				**Matrix: Soil**		**Batch: 1061053**		
Gasoline Range Organics	**11.5**	---	7.57	mg/kg dry	50	06/24/21 12:51	NWTPH-Gx (MS)	**F-09**
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 101 %*	*Limits: 50-150 %*	*1*	*06/24/21 12:51*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*06/24/21 12:51*	*NWTPH-Gx (MS)*	

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ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TC (A1F0881-08)				**Matrix: Soil**		**Batch: 1061209**		**C-07**
Aroclor 1016	ND	---	0.0127	mg/kg dry	1	06/30/21 10:33	EPA 8082A	
Aroclor 1221	ND	---	0.0127	mg/kg dry	1	06/30/21 10:33	EPA 8082A	
Aroclor 1232	ND	---	0.0127	mg/kg dry	1	06/30/21 10:33	EPA 8082A	
Aroclor 1242	ND	---	0.0127	mg/kg dry	1	06/30/21 10:33	EPA 8082A	
Aroclor 1248	ND	---	0.0127	mg/kg dry	1	06/30/21 10:33	EPA 8082A	
Aroclor 1254	ND	---	0.0127	mg/kg dry	1	06/30/21 10:33	EPA 8082A	
Aroclor 1260	ND	---	0.0127	mg/kg dry	1	06/30/21 10:33	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 94 %*		*Limits: 60-125 %*	*1*	*06/30/21 10:33*	*EPA 8082A*	

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Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL SAMPLE RESULTS

TCLP Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TC (A1F0881-08)				**Matrix: Soil**				
Batch: 1070126								
Arsenic	ND	---	0.100	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa
Barium	ND	---	5.00	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa
Cadmium	ND	---	0.100	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa
Chromium	ND	---	0.100	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa
Lead	ND	---	0.0500	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa
Mercury	ND	---	0.00700	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa
Selenium	ND	---	0.100	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa
Silver	ND	---	0.100	mg/L	10	07/06/21 13:35	1311/6020B	TCLPa

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Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
STE-S1-4 (A1F0881-01)				**Matrix: Soil**		**Batch: 1060980**		
% Solids	**73.2**	---	1.00	%	1	06/24/21 08:22	EPA 8000D	
NTE-S1-7 (A1F0881-03)				**Matrix: Soil**		**Batch: 1060980**		
% Solids	**81.7**	---	1.00	%	1	06/24/21 08:22	EPA 8000D	
WTE-S2-9 (A1F0881-04)				**Matrix: Soil**		**Batch: 1060980**		
% Solids	**83.9**	---	1.00	%	1	06/24/21 08:22	EPA 8000D	
OWS-S1-4 (A1F0881-05)				**Matrix: Soil**		**Batch: 1061048**		
% Solids	**72.6**	---	1.00	%	1	06/24/21 12:05	EPA 8000D	
OWS2-S1-4 (A1F0881-06)				**Matrix: Soil**		**Batch: 1060980**		
% Solids	**72.7**	---	1.00	%	1	06/24/21 08:22	EPA 8000D	
OWS3-S1-4 (A1F0881-07)				**Matrix: Soil**		**Batch: 1060980**		
% Solids	**74.0**	---	1.00	%	1	06/24/21 08:22	EPA 8000D	
TC (A1F0881-08)				**Matrix: Soil**		**Batch: 1061172**		
% Solids	**77.6**	---	1.00	%	1	06/29/21 08:02	EPA 8000D	
SB1-S1-4 (A1F0881-09)				**Matrix: Soil**		**Batch: 1061048**		
% Solids	**89.8**	---	1.00	%	1	06/24/21 12:05	EPA 8000D	
SB2-S1-4 (A1F0881-10)				**Matrix: Soil**		**Batch: 1060980**		
% Solids	**71.0**	---	1.00	%	1	06/24/21 08:22	EPA 8000D	
SB3-S1-4 (A1F0881-11)				**Matrix: Soil**		**Batch: 1060980**		
% Solids	**75.3**	---	1.00	%	1	06/24/21 08:22	EPA 8000D	

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

ANALYTICAL SAMPLE RESULTS

TCLP Extraction by EPA 1311

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TC (A1F0881-08RE1)				**Matrix: Soil**		**Batch: 1070123**		
TCLP Extraction	PREP	---		N/A	1	07/02/21 19:30	EPA 1311	

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ANALYTICAL REPORT

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Beaverton, OR 97005	Project Manager: Jeff Jackman	A1F0881 - 07 07 21 1530

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1061010 - EPA 3546 (Fuels)							Soil					
Blank (1061010-BLK1)		Prepared: 06/23/21 13:33 Analyzed: 06/23/21 19:12										
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 84 %*	*Limits: 50-150 %*		*Dilution: 1x*							
LCS (1061010-BS1)		Prepared: 06/23/21 13:33 Analyzed: 06/23/21 19:34										
NWTPH-Dx												
Diesel	104	---	25.0	mg/kg wet	1	125	---	83	73 - 115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 92 %*	*Limits: 50-150 %*		*Dilution: 1x*							
Duplicate (1061010-DUP2)		Prepared: 06/23/21 13:33 Analyzed: 06/23/21 23:56										
QC Source Sample: OWS-S1-4 (A1F0881-05)												
NWTPH-Dx												
Diesel	ND	---	26.5	mg/kg dry	1	---	ND	---	---	---	30%	
Oil	ND	---	53.1	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 88 %*	*Limits: 50-150 %*		*Dilution: 1x*							
Batch 1061011 - EPA 3546 (Fuels)							Soil					
Blank (1061011-BLK1)		Prepared: 06/23/21 13:34 Analyzed: 06/24/21 01:02										
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 90 %*	*Limits: 50-150 %*		*Dilution: 1x*							
LCS (1061011-BS1)		Prepared: 06/23/21 13:34 Analyzed: 06/24/21 01:25										
NWTPH-Dx												
Diesel	104	---	25.0	mg/kg wet	1	125	---	83	73 - 115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 85 %*	*Limits: 50-150 %*		*Dilution: 1x*							
Duplicate (1061011-DUP1)		Prepared: 06/23/21 13:34 Analyzed: 06/24/21 02:10										
QC Source Sample: OWS2-S1-4 (A1F0881-06)												
NWTPH-Dx												

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ANALYTICAL REPORT

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10445 SW Canyon Road Suite 266	Project Number: [none]	Report ID:
Beaverton, OR 97005	Project Manager: Jeff Jackman	A1F0881 - 07 07 21 1530

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1061011 - EPA 3546 (Fuels)							Soil					
Duplicate (1061011-DUP1)		Prepared: 06/23/21 13:34 Analyzed: 06/24/21 02:10										
QC Source Sample: OWS2-S1-4 (A1F0881-06)												
Diesel	ND	---	25.7	mg/kg dry	1	---	ND	---	---	---	30%	
Oil	ND	---	51.5	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 76 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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ANALYTICAL REPORT

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Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1061027 - EPA 5035A									Soil			
Blank (1061027-BLK1)		Prepared: 06/23/21 09:00		Analyzed: 06/23/21 23:31								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 95 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*95 %*		*50-150 %*			*"*					
LCS (1061027-BS2)		Prepared: 06/23/21 09:00		Analyzed: 06/23/21 23:04								
NWTPH-Gx (MS)												
Gasoline Range Organics	24.2	---	5.00	mg/kg wet	50	25.0	---	97	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 97 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*99 %*		*50-150 %*			*"*					

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Kevin Friscia, Project Manager

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1061053 - EPA 5035A									Soil			
Blank (1061053-BLK1)		Prepared: 06/24/21 09:00		Analyzed: 06/24/21 11:30								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	3.33	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 94 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*95 %*		*50-150 %*			*"*				
LCS (1061053-BS2)		Prepared: 06/24/21 09:00		Analyzed: 06/24/21 11:03								
NWTPH-Gx (MS)												
Gasoline Range Organics	26.0	---	5.00	mg/kg wet	50	25.0	---	104	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 96 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*98 %*		*50-150 %*			*"*				

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10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1061209 - EPA 3546							Soil					
Blank (1061209-BLK1)		Prepared: 06/29/21 10:07		Analyzed: 06/30/21 08:25								**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1262	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1268	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 97 %*		*Limits: 60-125 %*			*Dilution: 1x*					
LCS (1061209-BS1)		Prepared: 06/29/21 10:07		Analyzed: 06/30/21 08:43								**C-07**
EPA 8082A												
Aroclor 1016	0.170	---	0.0100	mg/kg wet	1	0.250	---	68	47 - 134%	---	---	
Aroclor 1260	0.205	---	0.0100	mg/kg wet	1	0.250	---	82	53 - 140%	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 93 %*		*Limits: 60-125 %*			*Dilution: 1x*					

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ANALYTICAL REPORT

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10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1070126 - EPA 1311/3015							**Soil**					
Blank (1070126-BLK1)		Prepared: 07/06/21 07:32		Analyzed: 07/06/21 13:07								
1311/6020B												
Arsenic	ND	---	0.100	mg/L	10	---	---	---	---	---	---	TCLP
Barium	ND	---	5.00	mg/L	10	---	---	---	---	---	---	TCLP
Cadmium	ND	---	0.100	mg/L	10	---	---	---	---	---	---	TCLP
Chromium	ND	---	0.100	mg/L	10	---	---	---	---	---	---	TCLP
Lead	ND	---	0.0500	mg/L	10	---	---	---	---	---	---	TCLP
Mercury	ND	---	0.00700	mg/L	10	---	---	---	---	---	---	TCLP
Selenium	ND	---	0.100	mg/L	10	---	---	---	---	---	---	TCLP
Silver	ND	---	0.100	mg/L	10	---	---	---	---	---	---	TCLP
LCS (1070126-BS1)		Prepared: 07/06/21 07:32		Analyzed: 07/06/21 13:12								
1311/6020B												
Arsenic	4.99	---	0.100	mg/L	10	5.00	---	100	80 - 120%	---	---	TCLP
Barium	9.74	---	5.00	mg/L	10	10.0	---	97	80 - 120%	---	---	TCLP
Cadmium	1.01	---	0.100	mg/L	10	1.00	---	101	80 - 120%	---	---	TCLP
Chromium	4.72	---	0.100	mg/L	10	5.00	---	94	80 - 120%	---	---	TCLP
Lead	5.08	---	0.0500	mg/L	10	5.00	---	102	80 - 120%	---	---	TCLP
Mercury	0.0966	---	0.00700	mg/L	10	0.100	---	97	80 - 120%	---	---	TCLP
Selenium	1.01	---	0.100	mg/L	10	1.00	---	101	80 - 120%	---	---	TCLP
Silver	0.977	---	0.100	mg/L	10	1.00	---	98	80 - 120%	---	---	TCLP

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1060980 - Total Solids (Dry Weight)							**Soil**					

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

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Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1061048 - Total Solids (Dry Weight)								Soil				
Duplicate (1061048-DUP1)		Prepared: 06/24/21 09:00		Analyzed: 06/24/21 12:05								
QC Source Sample: OWS-S1-4 (A1F0881-05)												
EPA 8000D												
% Solids	**73.4**	---	1.00	%	1	---	72.6	---	---	1	10%	

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

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1061172 - Total Solids (Dry Weight)												**Soil**

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

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1061010							
A1F0881-01	Soil	NWTPH-Dx	06/17/21 15:30	06/23/21 13:33	10.26g/5mL	10g/5mL	0.98
A1F0881-03	Soil	NWTPH-Dx	06/17/21 16:17	06/23/21 13:33	10.2g/5mL	10g/5mL	0.98
A1F0881-04	Soil	NWTPH-Dx	06/17/21 15:49	06/23/21 13:33	10.83g/5mL	10g/5mL	0.92
A1F0881-05	Soil	NWTPH-Dx	06/17/21 17:19	06/23/21 13:33	10.29g/5mL	10g/5mL	0.97
Batch: 1061011							
A1F0881-06	Soil	NWTPH-Dx	06/17/21 17:40	06/23/21 13:34	10.67g/5mL	10g/5mL	0.94
A1F0881-07	Soil	NWTPH-Dx	06/17/21 17:59	06/23/21 13:34	10.09g/5mL	10g/5mL	0.99
A1F0881-09RE1	Soil	NWTPH-Dx	06/18/21 08:56	06/23/21 13:34	10.4g/5mL	10g/5mL	0.96
A1F0881-10	Soil	NWTPH-Dx	06/18/21 09:12	06/23/21 13:34	10.79g/5mL	10g/5mL	0.93
A1F0881-11RE1	Soil	NWTPH-Dx	06/18/21 09:28	06/23/21 13:34	10.8g/5mL	10g/5mL	0.93

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1061027							
A1F0881-01	Soil	NWTPH-Gx (MS)	06/17/21 15:30	06/17/21 15:30	5.27g/5mL	5g/5mL	0.95
A1F0881-03	Soil	NWTPH-Gx (MS)	06/17/21 16:17	06/17/21 16:17	5.69g/5mL	5g/5mL	0.88
A1F0881-04	Soil	NWTPH-Gx (MS)	06/17/21 15:49	06/17/21 15:49	4.81g/5mL	5g/5mL	1.04
A1F0881-05	Soil	NWTPH-Gx (MS)	06/17/21 17:19	06/17/21 17:19	5.86g/5mL	5g/5mL	0.85
A1F0881-06	Soil	NWTPH-Gx (MS)	06/17/21 17:40	06/17/21 17:40	6.53g/5mL	5g/5mL	0.77
A1F0881-07	Soil	NWTPH-Gx (MS)	06/17/21 17:59	06/17/21 17:59	6.28g/5mL	5g/5mL	0.80
A1F0881-09	Soil	NWTPH-Gx (MS)	06/18/21 08:56	06/18/21 08:56	6.49g/5mL	5g/5mL	0.77
A1F0881-10	Soil	NWTPH-Gx (MS)	06/18/21 09:12	06/18/21 09:12	6.33g/5mL	5g/5mL	0.79
Batch: 1061053							
A1F0881-11	Soil	NWTPH-Gx (MS)	06/18/21 09:28	06/18/21 09:28	5.6g/5mL	5g/5mL	0.89

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1061209							
A1F0881-08	Soil	EPA 8082A	06/17/21 18:20	06/29/21 10:07	10.11g/5mL	10g/5mL	0.99

TCLP Metals by EPA 6020B (ICPMS)

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

SAMPLE PREPARATION INFORMATION

TCLP Metals by EPA 6020B (ICPMS)

Prep: EPA 1311/3015

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1070126							
A1F0881-08	Soil	1311/6020B	06/17/21 18:20	07/06/21 07:32	10mL/50mL	10mL/50mL	1.00

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1060980							
A1F0881-01	Soil	EPA 8000D	06/17/21 15:30	06/23/21 08:07			NA
A1F0881-03	Soil	EPA 8000D	06/17/21 16:17	06/23/21 08:07			NA
A1F0881-04	Soil	EPA 8000D	06/17/21 15:49	06/23/21 08:07			NA
A1F0881-06	Soil	EPA 8000D	06/17/21 17:40	06/23/21 08:07			NA
A1F0881-07	Soil	EPA 8000D	06/17/21 17:59	06/23/21 08:07			NA
A1F0881-10	Soil	EPA 8000D	06/18/21 09:12	06/23/21 08:07			NA
A1F0881-11	Soil	EPA 8000D	06/18/21 09:28	06/23/21 08:07			NA
Batch: 1061048							
A1F0881-05	Soil	EPA 8000D	06/17/21 17:19	06/24/21 09:00			NA
A1F0881-09	Soil	EPA 8000D	06/18/21 08:56	06/24/21 09:00			NA
Batch: 1061172							
A1F0881-08	Soil	EPA 8000D	06/17/21 18:20	06/28/21 08:20			NA

TCLP Extraction by EPA 1311

Prep: EPA 1311 (TCLP)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1070123							
A1F0881-08RE1	Soil	EPA 1311	06/17/21 18:20	07/02/21 19:30	90g/1803g	100g/2000g	NA

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QUALIFIER DEFINITIONS

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

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C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
F-09	Results in the Gasoline Range are impacted by the overlap of a heavier fuel hydrocarbon product.
S-05	Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
TCLP	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 1070123.
TCLPa	Limited sample volume. Leachate was prepared using less than the recommended amount of sample per EPA 1311 or 1312. To maintain consistency in leaching, the standard ratio of sample to leachate fluid was maintained.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported.

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

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

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

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

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

QC Source:

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

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

Miscellaneous Notes:

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

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

Blanks:

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

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10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Kevin Friscia, Project Manager

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation)
EPA ID: OR01039

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

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

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

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

Apex Laboratories

Kevin Friscia, Project Manager

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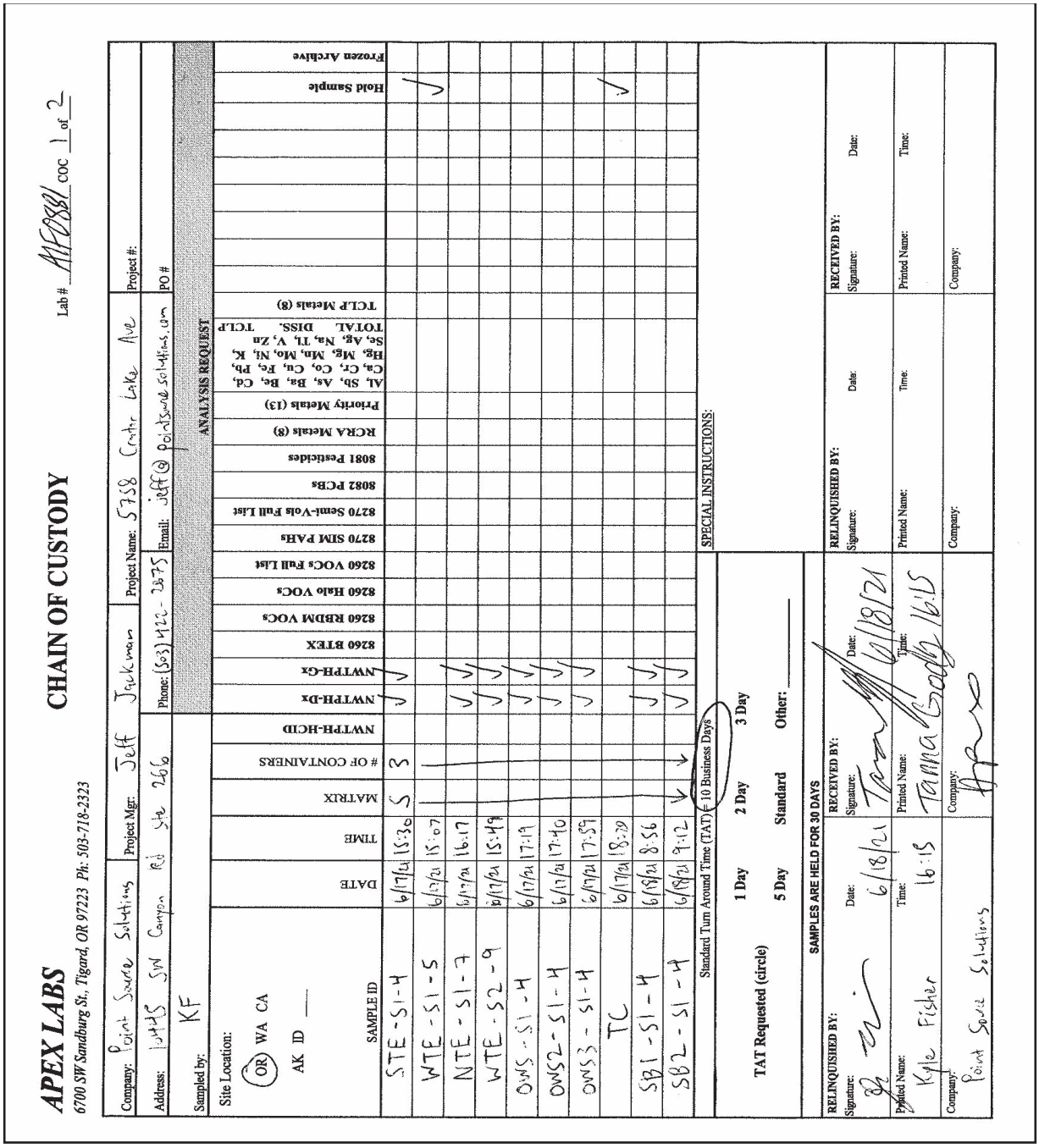

APEX LABS — 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY — Lab # A1F0881 COC 1 of 2

Company: Point Source Solutions | Project Mgr: Jeff | Project Name: 5758 Crater Lake Ave | Project #:
Address: 10445 SW Canyon Rd ste 266 | Phone: (503) 922-2875 | Email: jeff@pointsourcesolutions.com | PO #
Sampled by: KF

Site Location: (OR) WA CA AK ID —

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS.	TCLP Metals (8)	Hold Sample	Frozen Archive
STE-S1-4	6/17/21	15:30	S	3		✓	✓														
WTE-S1-5	6/17/21	15:07																		✓	
NTE-S1-7	6/17/21	16:17				✓	✓														
WTE-S2-9	6/17/21	15:49				✓	✓														
OWS-S1-4	6/17/21	17:19				✓	✓														
OWS2-S1-4	6/17/21	17:40				✓	✓														
OWS3-S1-4	6/17/21	17:59				✓	✓														
TC	6/17/21	18:39																		✓	
SB1-S1-4	6/18/21	8:56				✓	✓														
SB2-S1-4	6/18/21	9:12	↓	↓		✓	✓														

SPECIAL INSTRUCTIONS:

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day | 2 Day | 3 Day | 5 Day | Standard | Other: ____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Date: 6/18/21 Time: 16:15 Printed Name: Kyle Fisher Company: Point Source Solutions

RECEIVED BY: Signature: Date: 6/18/21 Time: 16:15 Printed Name: Tamra Scally Company:

RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:

RECEIVED BY: Signature: Date: Time: Printed Name: Company:

Apex Laboratories

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Kevin Friscia, Project Manager

Apex Laboratories, LLC
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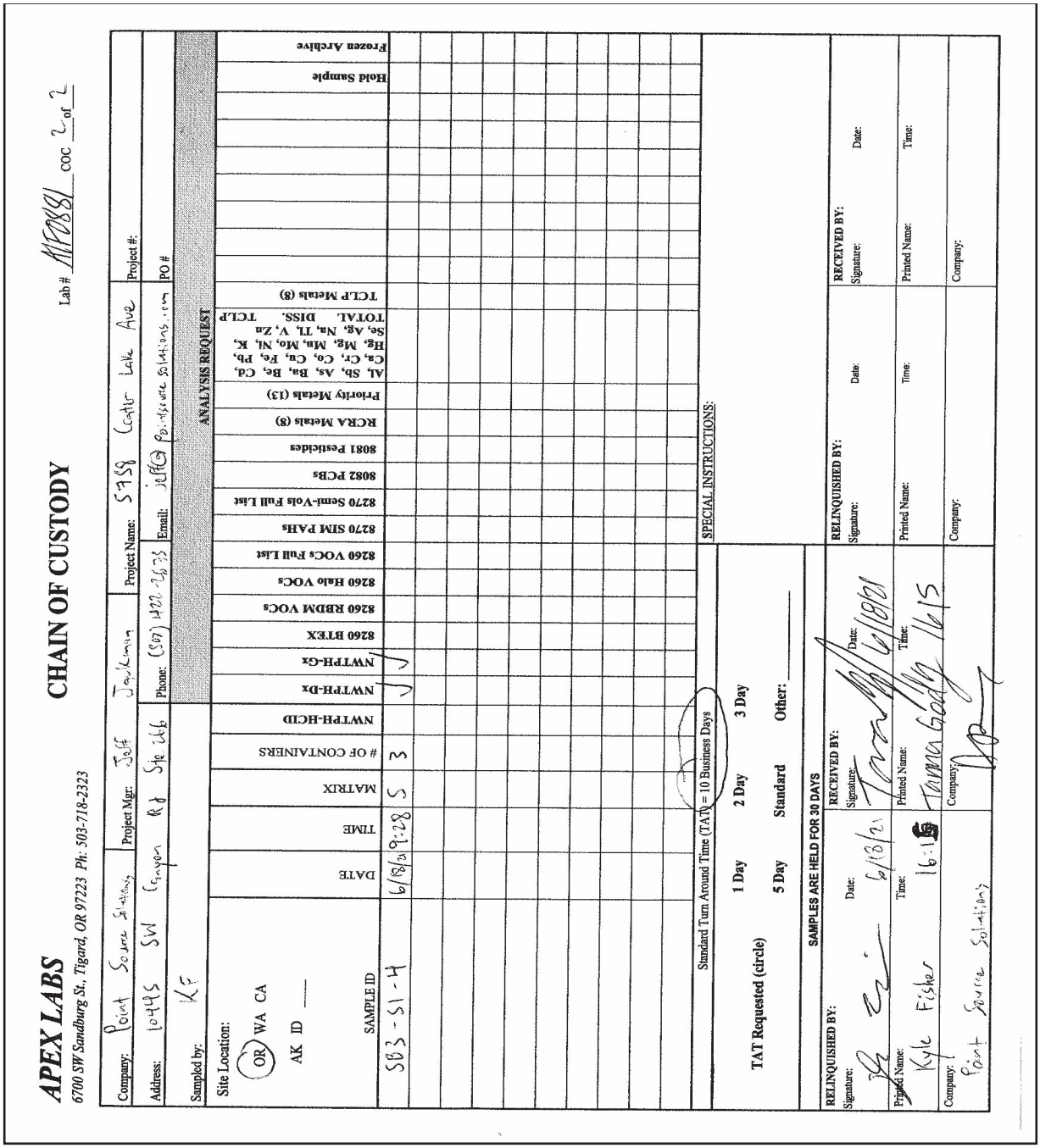
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**



APEX LABS
6700 SW Sandburg St. Tigard, OR 97223 Ph. 503-718-2323

CHAIN OF CUSTODY

Lab # A1F0881 COC 2 of 2

Company: Point Source Solutions | Project Mgr: Jeff | Project Name: 5758 Crater Lake Ave | Project #:
Address: 10445 SW Canyon Rd Ste 266 | Phone: (503) 380-3868 | Email: jeff@pointsourcesolutions.com | PO #
Sampled by: KF

Site Location: (OR) WA CA AK ID ___

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
SB3-S1-4	6/18/21	9:28	S	3			✓														

ANALYSIS REQUEST

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day Standard Other: ___

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	Date:	Time:	RECEIVED BY:	Date:	Time:
Signature:	6/18/21		Signature:	6/18/21	
Printed Name: Kyle Fisher		16:15	Printed Name: Tanner Gadd		16:15
Company: Point Source Solutions			Company:		

RELINQUISHED BY:	Date:	Time:	RECEIVED BY:	Date:	Time:
Signature:			Signature:		
Printed Name:			Printed Name:		
Company:			Company:		

Apex Laboratories

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **5758 Crater Lake Ave**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1F0881 - 07 07 21 1530**

APEX LABS COOLER RECEIPT FORM

Client: Point Source Solutions Element WO#: A1 F0881

Project/Project #: 5758 Crater Lake ave

Delivery Info:

Date/time received: 6/18/21 @ 16:15 By: TAM

Delivered by: Apex___ Client X ESS___ FedEx___ UPS___ Swift___ Senvoy___ SDS___ Other_____

Cooler Inspection Date/time inspected: 6/18/21 @ 16:15 By: TAM

Chain of Custody included? Yes Y No _____ Custody seals? Yes_____ No N/A

Signed/dated by client? Yes Y No _____

Signed/dated by Apex? Yes Y No _____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.4						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	N						
Ice type: (Gel/Real/Other)	Gel						
Condition:	good						

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

Green dots applied to out of temperature samples? Yes/(No)

Out of temperature samples form initiated? Yes/(No)

Sample Inspection: Date/time inspected: 6/22/21 @ 17:10 By: KS

All samples intact? Yes ___ No X Comments: 1/2 MeOH VOAs broke in lab for STE-S1-4.

Bottle labels/COCs agree? Yes ___ No X Comments: label reads WTE-S1-9, on 1/2 MeOH VOAs, COC reads WTE-S2-9. COC reads 3 counts for *

COC/container discrepancies form initiated? Yes ___ No X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments: _____

Do VOA vials have visible headspace? Yes ___ No ___ NA X

Comments _____

Water samples: pH checked: Yes___ No___ NA X pH appropriate? Yes___ No___ NA X

Comments: _____

Additional information: * SB3-S1-4 we received 2 counts. No Time/Date on 1/2 MeOH VOAs, except STE-S1-4, WTE-S2-9.

Labeled by: KS Witness: KO Cooler Inspected by: Client

Apex Laboratories

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Kevin Friscia, Project Manager

Gmail **Kyle Fisher <kyle@pointsourcesolutions.com>**

30-Day Notice and 20-Day Report

5 messages

Kyle Fisher <kyle@pointsourcesolutions.com> Fri, Oct 8, 2021 at 3:35 PM
To: garcia.andrea@deq.state.or.us
Cc: Jeff Jackman <jeff@pointsourcesolutions.com>, Johnny Ramus <johnny@pointsourcesolutions.com>

Hello Andrea,

Here is the 30-Day Notice and 20-Day Report I submitted to Ginny Deck on 9/21/21 for RB Browns Trucking, (LUST #15-21-0678). Please confirm receipt of these reports and that 3-day notice for decommissioning has been given.

Thanks,
Kyle

--
Kyle Fisher
Environmental Technician
Point Source Solutions
Mobile: (503) 860-8811
https://www.pointsourcesolutions.com/

2 attachments

USTDecom30DayNotice.pdf
257K

USTInitial20DayReportForm.pdf
2172K

GARCIA Andrea * DEQ <andrea.garcia@deq.state.or.us> Mon, Oct 11, 2021 at 9:50 AM
To: Kyle Fisher <kyle@pointsourcesolutions.com>

Received and I will look into the 3 day no ce number.

[Quoted text hidden]

GARCIA Andrea * DEQ <andrea.garcia@deq.state.or.us> Mon, Oct 11, 2021 at 9:56 AM
To: Kyle Fisher <kyle@pointsourcesolutions.com>

I checked with my team. The tank is considered unregulated now and thus does not need a 3 day no ce.

From: Kyle Fisher <kyle@pointsourcesolutions.com>
Sent: Friday, October 8, 2021 3:35 PM
To: GARCIA Andrea * DEQ <andrea.garcia@deq.state.or.us>
Cc: Jeff Jackman <jeff@pointsourcesolutions.com>; Johnny Ramus <johnny@pointsourcesolutions.com>

[Quoted text hidden]

[Quoted text hidden]

GARCIA Andrea * DEQ <andrea.garcia@deq.state.or.us> Mon, Oct 18, 2021 at 3:47 PM

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

State of Oregon
Department of
Environmental
Quality

GENERAL PERMIT REGISTRATION FORM TO DECOMMISSION EXISTING UNREGISTERED TANKS

and

30-DAY NOTICE OF INTENT TO DECOMMISSION USTS

- This form for registration of existing tanks that have never been reported to DEQ should be submitted at least 30-days before beginning decommissioning by permanent closure.
- To register existing tanks you must submit pages 4 through 8 of this registration form and a check for the amount of the required registration fee. See page 4 to calculate the required fee.
- If you are registering more than five (5) tanks, please make a copy of pages 7 and 8. List the additional tanks on the copy.
- You must call your regional office to receive authorization to proceed with the decommissioning at least 72 hours prior to beginning work. See page 3 for phone numbers.
- You must submit the Underground Storage Tank Decommissioning Checklist and Site Assessment Report to your local Regional Office within 30 days following completion of the tank decommissioning or change-in-service **regardless if cleanup work is ongoing.**

CHECKLIST

1. Be sure signatures are provided for the tank owner, permittee and property owner, **even where one person fills all three roles**.
2. Complete the registration form for all tanks being registered at the facility.
3. Make copies for your records.
4. Enclose your check payable to:
   Oregon Department of Environmental Quality
5. Please return the general permit registration form and applicable registration fee to:

   Department of Environmental Quality
   Attn: Revenue Section
   700 NE Multnamah St.
   Portland, Oregon 97232

INSTRUCTION PAGE

DESCRIPTION OF GENERAL PERMIT PROGRAM

In lieu of issuing individual permits, Oregon's UST permitting program has adopted a general permit by rule to decommission USTs that identifies the conditions and requirements for temporary and permanent closure or completing a change-in-service. By signing the registration forms, you are certifying that you will comply with all the conditions and requirements of the general permit to decommission USTs.

DEFINITIONS

Facility – the place where the tank is located.

Decommission – means temporary or permanent closure, including temporary or permanent removal from operation, filling in-place, removal from the ground or change-in-service to non-regulated status.

Owner – means a person who currently owns an UST or owned an UST during the tanks operational life. If registered with the Secretary of State, Corporations Division, the UST owner is the legal business name.

Permittee – means the owner or person designated by the owner, who is in control or has responsibility for daily UST system operation and maintenance, financial responsibility and UST operator training requirements under a general permit pursuant to OAR 340-150-0160 through 340-150-0168. If registered with the Secretary of State, Corporations Division, the permittee is the legal business name. The permittee is mailed the annual compliance fee invoice.

Property owner – means the legal owner of the real property on which an UST is located (the name that appears on the County deed records).

GENERAL PERMIT REGISTRATION FORM

1. Please fill in the name, address and phone number of the facility. If this facility is registered with DEQ please include the DEQ facility number.
2. Please fill in the number of tanks in the space provided in the general permit registration fee section. For existing tanks not previously registered, back fees are required by OAR 340-150-0110 (6). Calculate the total amount due.
3. Please fill in the tank owner's legal name, address and phone number. The legal name is the name of the tank owner as filed with the Secretary of State, Corporations Division, if applicable. The tank owner must sign the registration form.
4. The tank owner can designate a permittee for each facility. Please ask the permittee in charge of the facility to fill in their legal name, address and phone number. The legal name is the name of the permittee as filed with the Secretary of State, Corporations Division, if applicable. The permittee must sign the registration form.
5. Please fill in the property owner's name, address and phone number. The property owner's name should be the name in the county deed records. The property owner must sign the registration form.
6. There must be three signatures for each completed registration form – the tank owner, permittee and property owner. **IF ONE PERSON FILLS ALL THREE ROLES, THAT PERSON MUST SIGN THREE TIMES.**
7. Complete all sections and pages of the form.

LICENSED SERVICE PROVIDERS AND SUPERVISORS

ORS 466.750 and OAR 340 – Division 160 requires that licensed service providers perform tank decommission work. If contaminated soil is discovered during decommissioning, and a decision is made to remediate the site using the soil matrix rules, ORS 466.750 and OAR 340 – Division 162 requires that licensed service providers perform soil matrix cleanup work. During certain critical phases as specified in the rules, a licensed supervisor must be present on site to monitor the work. A list of licensed service providers and supervisors is available upon request by calling (503) 229-6652 or toll-free in Oregon 1-800-742-7878 (a message answering machine). **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (OAR 340-150-0156)**.

INSTRUCTION PAGE

HELP WITH THIS REGISTRATION FORM

If you have any questions about this registration form, please phone the DEQ UST Program at (503) 229-6652. You can also phone the UST Program's toll-free Oregon number, 1-800-742-7878. This is a message answering machine for calls made in Oregon. Underground Storage Tank Program staff will return your call within 24 hours (one business day). You can also send an e-mail to tanks.info@deq.state.or.us. Our regional staff is also available to answer questions regarding the general permit program and this general permit registration form (see below for telephone numbers).

COPIES OF GENERAL PERMIT CONDITIONS AND REQUIREMENTS AND UST PROGRAM RULES

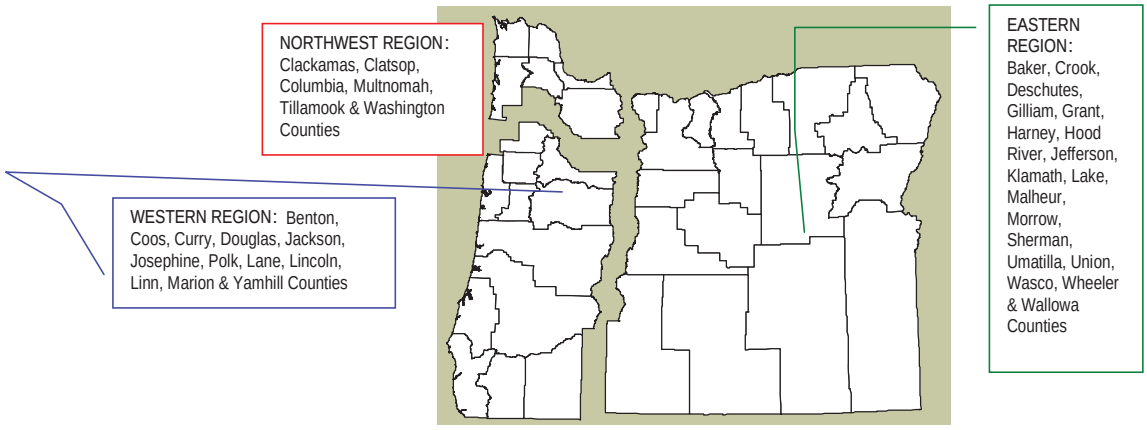
Copies of the general permit to decommission conditions and requirements and UST Program rules and laws can be obtained from:

1. Any of the DEQ offices listed below,
2. By calling the UST HELPLINE at 1-800-742-7878,
3. Send an e-mail to tanks.info@deq.state.or.us, or
4. Downloading from the UST home page at:

http://www.deq.state.or.us/lq/tanks/ust/index.htm

View Oregon Administrative Rules (OAR) and open Division 150 to OAR 34-150-0166 & 340-150-0168.

View Oregon Revised Statutes (ORS) and open Chapter 466 to ORS 466.706 to 466.845



EASTERN REGION / BEND Phone: 541-388-6146	WESTERN REGION / MEDFORD Phone: 541-776-6010
NORTHWEST REGION / PORTLAND Phone: 503-229-5263	WESTERN REGION / COOS BAY Phone: 541-269-2721
UST HELPLINE: 1-800-742-7878 (toll free in Oregon)	WESTERN REGION / EUGENE Phone: 541-686-7838

GENERAL PERMIT REGISTRATION FORM

TO DECOMMISSION UNREGISTERED USTs

PLEASE PRINT

FACILITY NAME: RB Browns Trucking Inc

FACILITY ADDRESS: 5758 Crater Lake Avenue

CITY, STATE & ZIP: Central Point, Oregon 97502

PHONE: (541) 826-7420 (If known)

FACILITY NUMBER: 7689

GENERAL PERMIT REGISTRATION FEE

For existing tanks installed in 1988 or earlier the registration fee is $500 per tank.

Number of existing tanks being registered 2 x $500 = $ 1000 Total Fee Due

Note: If an existing tank was installed after 1988 please contact the Department at 503-229-6652 or 1-800-742-7878 for assistance in calculating the fee.

For existing tanks not previously registered and permitted, back fees are due and payable with this general permit registration form in accordance with OAR 340-150-0110 (6).

30-DAY NOTICE OF INTENT TO DECOMMISSION INFORMATION

Work To Be Performed By: Point Source Solutions
(Name of Permittee, Tank Owner, Property Owner or Licensed Service Provider)

If performed by Service Provider: License # 27085

Contact Phone: 5038608811 Contact Mobile Phone: 5038608811

Will tank removal or potential cleanup affect adjacent property or right-of-way property?

Yes ☐ No ☑

Date decommissioning is scheduled to begin: 10/15/21

GENERAL PERMIT REGISTRATION FORM

TO DECOMMISSION UNREGISTERED USTs

RB Browns Trucking Inc	5758 Crater Lake Avenue
1. TANK OWNER* as registered with the Secretary of State, Corporations Division	Mailing Address (***Please Print***)
	Central Point, OR 97502
Name of Official (***Please Print***)	City, State and Zip Code
Signature of Official Date	(541) 826-7420
	Area Code and Telephone Number

I will decommission the USTs described on the *Notification and Description of Underground Storage Tank Systems* pages in accordance with the conditions and requirements of the general permit to decommission.

RB Browns Trucking Inc	5758 Crater Lake Avenue
2. PERMITTEE* as registered with the Secretary of State, Corporations Division	Mailing Address (***Please Print***)
	Central Point, OR 97502
Name of Official (***Please Print***)	City, State and Zip Code
Signature of Official Date	(541) 826-7420
	Area Code and Telephone Number

I will decommission the USTs described on the *Notification and Description of Underground Storage Tank Systems* pages in accordance with the conditions and requirements of the general permit to decommission.

RB Browns Trucking Inc	5758 Crater Lake Avenue
3. PROPERTY OWNER is name that appears on the County deed record for this property.	Mailing Address (***Please Print***)
	Central Point, OR 97502
Name of Official (***Please Print***)	City, State and Zip Code
Signature of Official Date	(541) 826-7420
	Area Code and Telephone Number

* If this facility or tanks are owned by a person, or operated by a permittee that is a business registered with the Secretary of State, Corporations Division, you must use that legal business name for purposes of registering these USTs with the Department. Please make sure that your business registration with the Oregon Corporations Division (503-986-2200) is active or your application may be placed on hold until your registration has been renewed.

Return Completed Form to: Department of Environmental Quality
Attn:.Revenue.Section
700 NE Multnomah St.
Portland, OR 97232

Notification and Description of Underground Storage Tank Systems

TYPE OF OWNER

- ☐ Federal Government
- ☐ State Government
- ☐ Local Government
- ☑ Commercial
- ☐ Private

INDIAN COUNTRY

- ☐ Tanks are located on land within an Indian Reservation or on trust lands outside reservation boundaries.
- ☐ Tanks are owned by a Native American nation or tribe.

Tribe or Nation:

TYPE OF FACILITY

- ☐ Gas Station
- ☐ Petroleum Distributor
- ☐ Air Taxi (Airline)
- ☐ Aircraft Owner
- ☐ Auto Dealership
- ☐ Railroad
- ☐ Federal - Non-Military
- ☐ Federal - Military
- ☐ Industrial
- ☐ Contractor
- ☑ Trucking/Transport
- ☐ Utilities
- ☐ Residential
- ☐ Farm
- ☐ Other (Explain)

FINANCIAL RESPONSIBILITY

☑ I will meet the financial responsibility requirements in accordance with OAR 340 – Division 151

Check All that Apply

- ☐ Pollution Liability Insurance
- ☐ Self Insurance
- ☐ Exempt (Federal or State Government
- ☐ Letter of Credit
- ☐ Surety Bond
- ☐ Guarantee
- ☐ Local Government

The financial responsibility requirements are designed to make sure that the tank owner, property owner or permittee can pay the costs of cleaning up leaks and compensating third parties for bodily injury and property damage caused by leaking USTs. A plain language summary of the financial responsibility requirements can be downloaded from the Internet at http://www.epa.gov/swerust1/pubs/dollars.htm. For a list of known insurance providers go to http://www.epa.gov/swerust1/pubs/inslist.htm.

CONTACT PERSON IN CHARGE OF TANKS

Name:	Job Title:	Address:	Phone Number (Include Area Code):
Kyle Fisher	Environmental Technician	10445 SW Canyon Rd, STE 266 Beaverton, OR 97005	503-860-8811

CERTIFICATION (Read and sign after completing all section)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Name: Kyle Fisher Title: Environmental Technician		10/19/21

NOTIFICATION AND DESCRIPTION OF UNDERGROUND STORAGE TANK SYSTEMS

(Complete for each tank at this location)

Tank Identification Number	Tank No. T2	Tank No. T3	Tank No.	Tank No.	Tank No.
1. Status of Tank (Check (√) only one)					
Currently in Use					
Temporarily Out of Use					
Permanently Out of Use	■	■			
2. Date of Installation (month & year)					
3. Estimated Total Capacity (gallons)	1,000	1,000			
4. Material of Construction (Check (√) all that apply)					
Asphalt Coated or Bare Steel	■	■			
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other Material, Please Specify					
Has Tank been Repaired? Check (√) Box if Yes					
Date of Repairs					
5. Piping – Material (Check (√) all that apply					
Bare Steel	■	■			
Bare Steel Wrapped					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Not in Contact with Soil					
Other Material, Please Specify					
6. Piping – Type (Check (√) all that apply)					
Suction – No Valve at Tank					
Suction – Valve at Tank					
Pressure					
Gravity Feed					
Has Piping been Repaired? Check (√) Box if Yes					
Date of Repair					

NOTIFICATION AND DESCRIPTION OF UNDERGROUND STORAGE TANK SYSTEMS

(Complete for each tank at this location)

Tank Identification Number	Tank No. T2	Tank No. T3	Tank No.	Tank No.	Tank No.
7. Substance Currently or Last Stored in Greatest Quantity by Volume					
Check (√) Only One Substance per Tank)					
Gasoline	☐	☐	☐	☐	☐
Diesel	■	■	☐	☐	☐
Gasohol	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Heating Oil	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Hazardous Substance	☐	☐	☐	☐	☐
CERCLA Name and/or					
CAS Number					
Mixture of Substances	☐	☐	☐	☐	☐
Please Specify Mixture					
Other	☐	☐	☐	☐	☐
Please Specify Other					

8. Release Detection (Check (√) all that Apply

	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe
Manual Tank Gauging	☐	■	☐	■	☐	■	☐	■	☐	■
Tank Tightness Testing	☐	■	☐	■	☐	■	☐	■	☐	■
Inventory Control	☐	■	☐	■	☐	■	☐	■	☐	■
Automatic Tank Gauging	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Vapor Monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Groundwater Monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Secondary Containment	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Automatic Line Leak Detector	■	☐	■	☐	■	☐	■	☐	■	☐
Line Tightness Testing	■	☐	■	☐	■	☐	■	☐	■	☐
No Release Detection Required (Emergency Generator // Field Constructed Tanks)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other Method Allowed by Department	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other Method, Please Specify										

9. Spill and Overfill Protection					
Overfill Device Installed	☐	☐	☐	☐	☐
Spill Device Installed	☐	☐	☐	☐	☐

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

This report MUST be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, **within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.**

DEQ FACILITY NUMBER: 7869

FACILITY NAME: RB Browns Trucking Inc

FACILITY ADDRESS: 5758 Crater Lake Avenue

PERMITTEE PHONE: 541-826-0171 DATE: 11/11/21

B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements)**.

DEQ Service Provider's License #: 27085 Construction Contractors Board License #: 184586

Name: Kyle Fisher (Point Source Solutions)

Telephone: (503) 860-8811

DEQ Decommissioning Supervisor's License #: 27447

Name:

Telephone:

DEQ Soil Matrix Service Provider's License #: (If applicable)

Name:

Telephone:

DEQ Soil Matrix Supervisor's License #: (If applicable)

Name:

Telephone:

C. DATES:

Decommissioning/Change-in-Service Notice - Date Submitted: 9/21/21 (30 days before work starts).

Work Start Telephone Notice - Number issued by DEQ: Not Given (3 working days before work starts).

DEQ Person Notified: Andrea Garcia

Date Work Started: 10/12/21 Date Work Completed: 10/15/21

Note: Provide the following information if any soil or water contamination is found during the decommissioning or change-in-service. Contamination must be reported by the UST permittee within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: 6/25/21 By: Kyle Fisher

DEQ Person Notified: Ginny Deck

D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: Dry Creek Landfill

E. TANK INFORMATION:

			PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE ♦	CHANGE IN SERVICE ♦	YES	NO
T1		10,000	diesel		☑	☐	☐	☐	☑
T2		1,000	diesel		☑	☐	☐	☐	☑
T3		1,000	diesel		☑	☐	☐	☐	☑
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

NOTE 1: Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

NOTE 2: Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

F. DISPOSAL INFORMATION:

	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
TANK ID #	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
T1	☑	☐	☐	Rogue Metals & Supply	ORRCO	N/A
T2	☑	☐	☐	Rogue Metals & Supply	ORRCO	N/A
T3	☑	☐	☐	Rogue Metals & Supply	ORRCO	N/A
	☐	☐	☐			
	☐	☐	☐			

NOTE 1: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

NOTE 2: Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

NOTE 3: Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

G. CONTAMINATION INFORMATION:

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
T1	☐	☑	☑	12	Apex Laboratories, Tigard, Oregon, (503) 718-2323
T2	☐	☑	☑	10	Apex Laboratories, Tigard, Oregon (503) 718-2323
T3	☐	☑	☑		Apex Laboratories, Tigard, Oregon (503) 718-2323
	☐	☐	☐		
	☐	☐	☐		

NOTE 1: Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QC information. Include laboratory name, address and copies of chain-of-custody forms.

NOTE 2: If contamination is detected and a Level 2 or Level 3 soil matrix cleanup standard is applied to the site, attach a copy of the soil matrix analysis including methods of determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.

H. SITE SKETCH: (Show location of adjacent roads, property lines, structures, dispensers, & all USTs. Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher:	Type/Size:	8.0# First Alert, FE3A40GR	Recharge Date:	6/21/20
Combustible Gas Detector:	Model:	Ventis MX4	Calibration Date:	2/21/21
Oxygen Analyzer:	Model:	Ventis MX4	Calibration Date:	2/21/21

J. DECOMMISSIONING:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
1. All electrical equipment grounded and explosion proof?	✓			
2. Safety equipment on job site?	✓			
3. Overhead electrical lines located?	✓			
4. Subsurface electrical lines off or disconnected?				✓
5. Natural gas lines off or disconnected?				✓
6. No open fires or smoking material in area?	✓			
7. Vehicle and pedestrian traffic controlled?	✓			
8. Excavation material area cleared?	✓			
9. Rainwater runoff directed to treatment area?				✓
10. Drained and collected product from lines?				✓
11. Removed product and residual from tank?	✓			
12. Cleaned tank?	✓			
13. Excavated to top of tank?	✓			
14. Removed tank fixtures? (pumps, leak detection equipment)	✓			
15. Removed product, fill and vent lines?	✓			

K. TANK ABANDONMENT IN-PLACE:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ? Date:_____ DEQ Staff: _____				✓
17. Contamination concerns fully resolved?				✓
18. Fill Material? Type: _____				✓

L. TANK REMOVAL:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
19. Tank placement area cleared, chocks placed?	✓			
20. Purged or ventilated tank to prevent explosion? Method used: Dry Ice Meter reading:	✓			
21. Were chains or steel cables wrapped around tank for removal?		✓		
22. Tank removed, set on ground, blocked to prevent movement?	✓			
23. Tank set on truck and secured with straps(s)?	✓			
24. Tank labeled before leaving site?	✓			

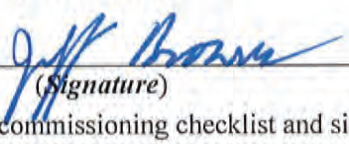
M. SITE ASSESSMENT:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	✓			
26. Soil samples taken and analyzed?	✓			
27. Was contamination found? Date/Time: 6/25/21	✓			
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?	✓			

N. REQUIRED SIGNATURES:

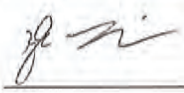
I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Permittee or Tank Owner: Jeff Browns
(*Please Print*)

Permittee or Tank Owner:  Date: 11-16-21
(*Signature*)

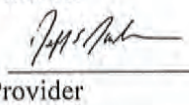
I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Licensed Supervisor: Kyle Fisher
(*Please Print*)

Licensed Supervisor:  Date: 11/11/21
(*Signature*)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Executive Officer: Jeff Jackman
Licensed Service Provider (*Please Print*)

Executive Officer:  Date: 11/11/21
Licensed Service Provider (*Signature*)

O. REPORT FILING:

This report signed by the permittee or tank owner, licensed supervisor and executive officer of the Service Provider, complete with all applicable attachments, must be filed with the DEQ regional office within 30 days after the excavation is backfilled or change-in-service is complete. **Do not wait until any site related cleanup project is completed.** Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets of contamination, etc.).

P. HELP WITH THIS REPORT:

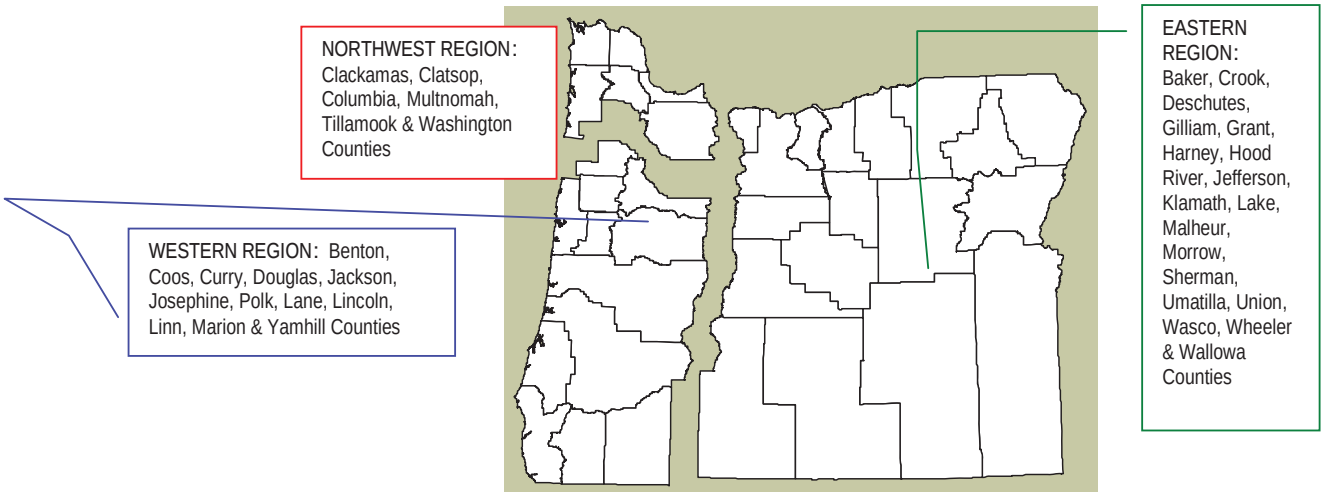
If you have any questions about this decommissioning checklist and site assessment report, please phone your DEQ Regional Office. You can also phone the UST Program's toll-free number, 1-800-742-7878. This is a message answering machine for calls made within Oregon. Underground Storage Tank Program staff will return your calls within 24 hours. You can also send an e-mail to tanks.info@deq.state.or.us. Our regional staff are also available to answer questions regarding tank decommissioning or change-in-service requirements (see below for telephone numbers).

Q. COPIES OF THE GENERAL PERMIT TO DECOMMISSION OR COMPLETE A CHANGE-IN-SERVICE:

Obtain copies of the general permit to decommission or complete a change-in-service conditions and requirements, UST Program rules and laws and UST Cleanup rules and laws at:

1. Any of the DEQ offices listed below,
2. By calling the UST HELPLINE at 1-800-742-7878,
3. Send an e-mail to tanks.info@deq.state.or.us or
4. Downloading from the UST home page at:

http://www.deq.state.or.us/lq/tanks/ust/index.htm



EASTERN REGION / BEND
475 NE BELLEVUE, SUITE 110
BEND, OR 97701
Phone: 541-388-6146
Fax: 541-388-8283

NORTHWEST REGION
700 NE MULTNOMAH ST.
PORTLAND, OR 97232
Phone: 503-229-5263
Fax: 503-229-6945

WESTERN REGION / COOS BAY
381 N SECOND STREET
COOS BAY 97420
Phone: 541-269-2721
Fax: 541-269-7984

WESTERN REGION / EUGENE
165 EAST 7TH AVE., SUITE 100
EUGENE, OR 97401
Phone: 541-686-7838
Fax: 541-686-7551

WESTERN REGION / MEDFORD
221 STEWART AVE., SUITE 201
MEDFORD, OR 97501
Phone: 541-776-6010
Fax: 541-776-6262

APPENDIX C

OWRD LOG

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED
APR 27 1970
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

Jack 6756

State Well No. 36/1W-32

State Permit No. .....

(1) OWNER:
Name R. B. BROWNS TRUCKING
Address 5758 CRATER LAKE HIGHWAY MEDFORD, ORE.

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [X] Driven [ ]
Cable [ ] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [ ] Industrial [X] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

CASING INSTALLED:
Threaded [ ] Welded [X]
6 " Diam. from 0 ft. to 30 ft. Gage .250
" Diam. from ..... ft. to ..... ft. Gage .....
" Diam. from ..... ft. to ..... ft. Gage .....

(6) PERFORATIONS:
Perforated? [ ] Yes [X] No
Type of perforator used
Size of perforations ..... in. by ..... in.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.
..... perforations from ..... ft. to ..... ft.

(7) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name .....
Type ..... Model No. .....
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.
Diam. ..... Slot size ..... Set from ..... ft. to ..... ft.

(8) WATER LEVEL: Completed well.
Static level 17 ft. below land surface Date 4-21-70
Artesian pressure ..... lbs. per square inch Date .....

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [ ] Yes [X] No If yes, by whom?
Yield: ..... gal./min. with ..... ft. drawdown after ..... hrs.
" " "
AIR RETURN FROM BOTTOM "
Bailer test 30 gal./min. with 66 ft. drawdown after 2 hrs.
Artesian flow ..... g.p.m. Date .....
Temperature of water ..... Was a chemical analysis made? [ ] Yes [X] No

(10) CONSTRUCTION:
Well seal—Material used BENTONITE
Depth of seal 30 ft.
Diameter of well bore to bottom of seal 9 5/8 in.
Were any loose strata cemented off? [ ] Yes [X] No Depth .....
Was a drive shoe used? [ ] Yes [X] No
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? ..... depth of strata .....
Method of sealing strata off .....
Was well gravel packed? [ ] Yes [X] No Size of gravel: .....
Gravel placed from ..... ft. to ..... ft.

(11) LOCATION OF WELL:
County JACKSON Driller's well number .....
¼ ¼ Section 32 T. 36S R. 1W. W.M.
Bearing and distance from section or subdivision corner
APPRO. 200 YARDS EAST OF STATE HIGHWAY 62
APPRO. ¾ MILE NORTH OF VILAS ROAD

(12) WELL LOG:
Diameter of well below casing 6
Depth drilled 83 ft. Depth of completed well 83 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
SOIL, BLACK	0	3	
SANDSTONE, BROWN BROKEN	3	20	
SANDSTONE BROWN HARD	20	41	
SANDSTONE, BLUE, HARD	41	83	17

Work started 4-21 1970 Completed 4-21 1970
Date well drilling machine moved off of well 4-21 1970

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] J. W. Martinson (Drilling Machine Operator) Date 4-21, 1970
Drilling Machine Operator's License No. 21

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME MARTINSON WELL DRILLING (Person, firm or corporation) (Type or print)
Address RT. 1 Box 602 EAGLE POINT, ORE
[Signed] J. W. Martinson (Water Well Contractor)
Contractor's License No. 406 Date 4-21, 1970

(USE ADDITIONAL SHEETS IF NECESSARY)

APPENDIX D

DISPOSAL RECEIPTS

DRY CREEK LANDFILL, INC.
SOIL WASTE PROFILE FORM

OFFICE USE ONLY

Waste Permit No: 2021-46 Date: 9/15/2021

One West Main • Suite 401
Medford, OR 97501
541-779-4161
specialwaste@drycreeklandfill.com

GENERATOR INFORMATION

1. Generator's Name:

RB Browns Trucking Inc.

2. Generator's Mailing Address:

5758 Crater Lake Avenue, Central Point, OR 97502

3. Name and Billing Address of Fiscally Responsible Party:

Gil Cobb, Point Source Solutions, 10445 SW Canyon Road, suite 266. Beaverton, OR 97005

Phone: 503-916-9254 Email: Gil@pointsourcesolutions.com

4. Alternate Contact Name and Phone

Andy Klopfenstein, Point Source. 503-780-1569

*** Complete Account Application if you are a new customer**

SPECIAL WASTE INFORMATION

The information in this section will be compared to DEQ and EPA regulatory standards for hazardous waste.

5. Process generating the waste: Storage tank decommission and soil removal cleanup

6. Waste name, address and county where generated:

Petroleum contaminated soil and backfill sand

7. Is this an EPA or State of Oregon hazardous waste? YES ☐ NO ☑

8. Is this a hazardous or toxic waste under state regulations within the state it was generated? YES ☐ NO ☑

9. Chemical composition: List constituents from generator knowledge and/or laboratory test data:

Constituents	Concentration Range	Units
TPH-Dx(diesel)	1060	mg/Kg
TPH-Gx(gas)	71.3	mg/Kg

DRY CREEK LANDFILL, INC.
SOIL WASTE PROFILE FORM

1. Does the waste contain PCBs, explosives, or infectious, carcinogenic, pyrophoric, oxidizing, or shock-sensitive compounds? YES ☐ NO ☑

   Note: If the waste contains asbestos, asbestos disposal policies must be followed and a chain-of-custody form must be attached.

2. Physical state at 70°F: Solid ☑ Liquid ☐ Sludge ☑

3. List known waste characteristics

   a) Flash Point: N/A

   b) pH (if liquid): N/A

   c) Color: brown to grey

   d) Odor: petroleum odor

   e) Other Descriptors:

4. Have you attached laboratory test results and chain-of-custody documentation to this waste profile form? YES ☑ NO ☐

5. Have you attached an SDS or other characterizing information? YES ☐ NO ☑

6. Have you attached a DEQ letter of approval to this waste profile form? (not required) YES ☐ NO ☑

SHIPPING INFORMATION

6. Packaging: Bulk Solid ☑ Bulk Liquid ☐ Drum ☐

   Type/Size: Bulk delivery via 4 axle dump or 7 axle lowboy

7. Anticipated Volume: 100-200 Units: tons

DRY CREEK LANDFILL, INC.
SOIL WASTE PROFILE FORM

All contaminated soil must be tested to be accepted by Dry Creek Landfill, Inc. for disposal. Typical testing requirements for petroleum contaminated soil include the following:

Gasoline:

Total Petroleum Hydrocarbons (TPH)

Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)

Naphthalene, Lead, Ethylene Diobromide (EDB)

Ethylene Dichloride (EDC)

Methyl T-Butyl Ether (MTBE)

Diesel:

Total Petroleum Hydrocarbons (TPH)

Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)

Polynuclear Aromatic Hydrocarbons (PAHs)

Waste Oil:

Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)

Polynuclear Aromatic Hydrocarbons (PAHs)

TCLP-Metals, Cadmium, Chromium and Lead

Volatile Chlorinated Solvents

Volatile Aromatic Hydrocarbons

PCBs

ALL ITEMS WITH TCLP VALUES SHOULD BE TESTED FOR TCLP LIMITS!

DRY CREEK LANDFILL, INC.
SOIL WASTE PROFILE FORM

GENERATOR'S CERTIFICATION AND APPROVAL

I hereby certify that all information submitted in this form and all attached documents contain true and accurate descriptions of the waste stream.

RB Browns Trucking Inc.

Name of **Generator**

Jeff Brown

Signature of **Generator**

Jeffrey Browns President/Owner

Printed Name/Title

09/14/2021

Date

Dry Creek Landfill, Inc.

Jenifer Stuber

9/15/2021

Date

Waste Acceptance Fee: $65.50 Per: Ton

Permit Expires: 12/31/2021

Waste Accepted Not to Exceed: 400 Tons

No waste authorized under this profile will be accepted after the expiration date stated above without prior authorization.

DRY CREEK LANDFILL, INC.
SOIL WASTE PROFILE FORM

SPECIAL WASTE CHARACTERIZATION DECLARATION

(Please print clearly)

Name of Generator: RB Browns Trucking Inc.

Address of Generator: 5758 Crater Lake Avenue, Central Point, OR 97502

Name of Waste: Petroleum (gas and diesel) contaminated soil and backfill sand

Source of Waste: Underground storage tank decommission and cleanup

Approximate Amount of Waste (cubic yards or tons): 100-200 tons estimated

The Generator listed above, by generator knowledge, confirmed by chemical and physical analysis, determined that the subject waste material (as named above) is not a hazardous waste by Oregon Department of Environmental Quality (DEQ) or US Environmental Protection Agency (EPA) or under the state of origin criteria (ref.: OAR 340-101 and 40 CFR Subparts B-D, Part 261).

The Generator also determined that the above-listed waste material is not "Flammable," "Corrosive," "Reactive," "Toxic," "EPA-Listed," or "DEQ-Listed," as defined in the above-referenced regulations.

The Generator assumes all environmental liabilities if this waste is later determined to be an EPA or DEQ hazardous waste.

Jeff Browne

Authorized Signature

President/Owner

Title

CUST #	Profile	TICKET	NET	CUST NAME	VEHL DESC	MAT DESC	DATE	TONS	COMMENT	GROSS	TARE	TIME IN	TIME OUT
2253	2021-46	433651	25420	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	12.71	P ROCK 15	50800	25380	7:20:04	7:44:49
2253	2021-46	433652	24960	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	12.48	P ROCK 22	51620	26660	7:10:32	7:45:52
2253	2021-46	433653	22940	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.47	P ROCK 19	48460	25520	7:26:54	7:47:04
2253	2021-46	433654	25200	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	12.6	P ROCK 7	51380	26180	7:27:39	7:49:12
2253	2021-46	433673	22420	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.21	P ROCK 15	47760	25340	8:34:03	8:55:41
2253	2021-46	433676	22560	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.28	P. OCK 22	49200	26640	8:42:26	9:03:30
2253	2021-46	433678	23560	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.78	P ROCK 7	49720	26160	8:50:12	9:08:48
2253	2021-46	433684	22120	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.06	P.R. 15	47460	25340	9:25:30	9:46:20
2253	2021-46	433688	21780	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	10.89	P.R. 22	48440	26660	9:34:18	9:52:23
2253	2021-46	433694	27660	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	13.83	P.R. 7	53820	26160	9:39:32	10:01:00
2253	2021-46	433700	45940	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	22.97	STI	78000	32060	10:13:31	10:13:31
2253	2021-46	433703	23900	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.95	P.R. 15	49200	25300	10:18:38	10:41:34
2253	2021-46	433704	22160	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.08	P.R. 22	48840	26680	10:22:31	10:42:09
2253	2021-46	433707	25240	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	12.62	P.R. 7	51360	26120	10:36:52	10:57:50
2253	2021-46	433716	27440	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	13.72	STI	59520	32080	10:48:01	11:41:51
2253	2021-46	433718	21300	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	10.65	P.R. 15	46580	25280	11:20:19	11:45:47
2253	2021-46	433740	16540	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	8.27	13 GROUND CONTROL	47700	31160	12:34:57	12:57:30
2253	2021-46	433741	25220	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	12.61	P.R. 7	51300	26080	12:39:47	12:59:14
2253	2021-46	433743	23480	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.74	22 STI	55500	32020	12:28:03	13:06:16
2253	2021-46	433753	22440	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/15/2021	11.22	P.R. 22	49020	26580	13:17:41	13:44:17
2253	2021-46	433471	21100	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	10.55	STATON 31	66100	45000	7:00:50	7:29:37
2253	2021-46	433474	22660	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	11.33	P ROCK 7	48860	26200	7:24:05	7:45:48
2253	2021-46	433477	31580	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	15.79	P ROCK 1	65100	33520	7:32:49	7:54:38
2253	2021-46	433482	25460	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	12.73	P ROCK 15	50840	25380	7:55:49	8:21:27
2253	2021-46	433488	21140	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	10.57	P ROCK 7	47320	26180	8:26:19	8:46:36
2253	2021-46	433494	38740	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	19.37	P ROCK 1	72220	33480	8:43:04	9:03:30
2253	2021-46	433504	27040	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	13.52	P ROCK 7	53200	26160	9:33:15	9:52:28
2253	2021-46	433514	40340	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	20.17	P ROCK 1	73740	33400	9:52:21	10:16:08
2253	2021-46	433519	30080	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	15.04	P ROCK 7	56160	26080	10:29:00	10:49:13
2253	2021-46	433523	41360	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	20.68	P ROCK 1	74760	33400	10:58:37	11:21:18
2253	2021-46	433546	22480	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	11.24	7 PILOT ROCK	48580	26100	12:06:23	12:25:33
2253	2021-46	433550	33140	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	16.57	1 PILOT ROCK	66520	33380	12:10:24	12:30:51
2253	2021-46	433564	25600	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	12.8	P. ROCK 7	51660	26060	13:06:24	13:25:48
2253	2021-46	433575	36200	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	18.1	P. ROCK 1	69580	33380	13:25:37	13:44:48
2253	2021-46	433585	28960	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	14.48	P.. ROCK 7	55000	26040	14:03:08	14:21:20
2253	2021-46	433598	40540	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	20.27	P. ROCK 1	73920	33380	14:37:40	14:54:56
2253	2021-46	433601	47040	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/14/2021	23.52	JRW 00	87500	40460	14:25:40	14:59:17
2253	2021-46	433322	22820	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	11.41	PR 7	49060	26240	7:44:51	8:08:06
2253	2021-46	433323	34040	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	17.02	PR 1	67380	33340	7:34:58	8:14:49
2253	2021-46	433326	22700	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	11.35	EXP EXC	48720	26020	7:57:35	8:21:15
2253	2021-46	433345	24400	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	12.2	EXP EXC	50380	25980	9:28:34	9:50:16
2253	2021-46	433349	27940	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	13.97	PR 7	54160	26220	9:45:19	10:05:37
2253	2021-46	433382	19920	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	9.96	EXPRESS EXC. 3	45840	25920	12:08:33	12:37:23

CUST #	VEHICLE	TICKET	NET	CUST NAME	VEHL DESC	MAT DESC	DATE	TONS	COMMENT	GROSS	TARE	TIME IN	TIME OUT
2253	2021-46	433436	25360	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	12.68	EXP EXC 3	51400	26040	15:21:46	15:39:14
2253	2021-46	433450	27920	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/13/2021	13.96	PR 7	54040	26120	15:47:36	16:09:04
2253	2021-46	433238	24240	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/12/2021	12.12	PILOT ROCK 7	50160	25920	13:22:58	13:46:18
2253	2021-46	433260	26980	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/12/2021	13.49	PR 7	52860	25880	14:21:10	14:41:18
2253	2021-46	433278	27180	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/12/2021	13.59	PR 7	53040	25860	15:15:22	15:35:08
2253	2021-46	433300	27500	2021-46 POINT SOURCE SOL	POINT SOURCE SOLUTIO	SOIL-CONTAMINATED	10/12/2021	13.75	PR 7	53320	25820	16:10:26	16:31:48
							Total Tons	668.4					

ROGUE
METALS & SUPPLY

(541) 826-3242
info@roguemetalsandsupply.com

7130 CRATER LAKE HWY.
WHITE CITY, OR 97503

22805

Date 10/11/21

QUAN.	ARTICLES PURCHASED & DESCRIPTION	@		
	#1 CU			
	#2 CU			
	#1 BRITE CU			
	#1 INSULATED			
	#2 INSULATED			
	BRASS (R) (Y)			
	BRASS CASINGS			
	BREAKAGE			
	RADIATORS			
	AL/CU RADIATORS			
	ALUM WHEELS			
	ALUMINUM			
	EXTRUSION			
	STAINLESS STEEL			
8240	TorchCut	109 lb	449	08
	BATTERIES			
	PREPARED			
	UNPREPARED/MIX			
	TIN			
	APPLIANCES			
		TOTAL	449	08

NAME Pump Pipe + Tanks PHONE

ADDRESS Jerry DRIVER'S LICENSE NO.

PAID BY CASH EMP INIT.

I affirm under penalty of law that the property I am selling in this transaction is not, to the best of my knowledge, stolen property. I undertand that this statement is made under penalty of perjury and may be used as evidence in court.

CHECK #

SELLER

TEK 400-8/19

DELIVERY ADDRESS
5758 CRATER LAKE AVE

K	QUANTITY	UOM	UNIT PRIC
T	17.33	T	
	22.68	T	
	13.71	TI	
	21.19	TN	
	15.11	TN	
	22.32	TN	
	15.00	TN	
	22.97	TN	
	14.93	TN	
	22.36	TN	
	15.13	TN	
	20.99	TN	
	16.17	TN	
	21.86	TN	
	33.13	TN	
	294.88	TN	

DISCOUNT

ade. All payments
rcent per annum)

ROGUE
METALS & SUPPLY

(541) 826-3242
info@roguemetalsandsupply.com

22834

7130 CRATER LAKE HWY.
WHITE CITY, OR 97503

Date 10/15/20 21

QUAN.	ARTICLES PURCHASED & DESCRIPTION	@		
	#1 CU			
	#2 CU			
	#1 BRITE CU			
	#1 INSULATED			
	#2 INSULATED			
	BRASS (R) (Y)			
	BRASS CASINGS			
	BREAKAGE			
	RADIATORS			
	AL/CU RADIATORS			
	ALUM WHEELS			
	ALUMINUM			
	EXTRUSION			
	STAINLESS STEEL			
	BATTERIES			
	PREPARED			
1440	UNPREPARED/MIX	14 Sm	133	40
	TIN			
	APPLIANCES			
		TOTAL	133	40

NAME Ryan McHenry (Owner) PHONE

ADDRESS pump pipe / Pilot Rock

DRIVER'S LICENSE NO.

PAID BY
CASH _____ EMP INIT. _____

CHECK # _____

I affirm under penalty of law that the property I am selling in this transaction is not, to the best of my knowledge, stolen property. I undertand that this statement is made under penalty of perjury and may be used as evidence in court.

SELLER

TEK 400-8/19

Oil Re-Refining Company
EPA# ORD980975692
4150 N Suttle Rd
Portland, OR 97217
Phone: 503-286-8352

Work Order
10/13/2021

Service Information
RB Browns Trucking
5758 Crater Lake Ave
Central Point, OR 97502-9413
Contact: Johnny Ramus
Phone: (503) 236-5885

Billing Information
Point Source Solutions
10445 SW Canyon Rd
Suite 266
Beaverton, OR 97005

Job Name
Point Source Solutions - 2104703

Job Type	PO #	Invoice #	Scheduled	Start	End
Commercial			10/13/2021	8:00 AM	9:00 AM

Item	Description	Quantity	Rate	Amount
Wastewater (fuel & water)	For recycling, Flash Point > 200 F. CDT test: ND pH 5	1990.0000	$1.0000	$1,990.00
Clor D Tect Test 4000	Field test for chlorinated materials	1.0000	$30.0000	$30.00
Truck & Gear Labor	Per hour (includes stop fee, job time and travel time when applicable).	1.0000	$120.0000	$120.00

Job Subtotal:	$2,140.00
OREGON:	$0.00
Payment Total:	$0.00
Total:	**$2,140.00**

GEN EPA ID#	GEN Status	Profile 1	Profile 2	Profile 3	Profile 4
11489		Rick Drewiesluel/water	RB Browns 10/13/22	Portland Metro	

Profile 5	Profile 6	Profile 7	Profile8

Consigned to	Via carrier	Destination	City/State	EPA #	Truck #
ORRCO/Talent	ORRCO	800 Valley View Rd	Talent, OR	ORD 987197092	5274

Driver	Manifest #	CA waste codes
Richard Phillips		

Job Notes and Instructions:

As an authorized representative of the generator of the material described above, I certify that the information contained in this document is 100% accurate and complete. I further certify that this material does NOT constitute a hazardous waste and has NOT been mixed with any hazardous waste such as spent chlorinated solvents or any other contaminants including, without limitation, PCBs, pesticides, or any other hazardous wastes or substances. In the event that the material described in this document is in fact a hazardous waste, or contains 2 PPM or more of PCBs, I guarantee to pay all costs necessary for proper analysis, transportation, storage, and disposal as well as any fines, penalties, attorneys fees, expert witness fees and the loss of the petroleum product resulting from contamination and/or inaccurate and/or incomplete information concerning the material described above. Customer Not Available: Other /COVID-Social Distance VERBAL Signature.

Point Source Solutions - 2104703 Work Order (continued)

Signature: x 

Kyle Fisher

Oil Re-Refining Company
EPA# ORD980975692
4150 N Suttle Rd
Portland, OR 97217
Phone: 503-286-8352

Work Order
10/27/2021

Service Information
RB Browns Trucking
5758 Crater Lake Ave
Central Point, OR 97502-9413
Contact: Johnny Ramus
Phone: (503) 236-5885

Billing Information
Point Source Solutions
10445 SW Canyon Rd
Suite 266
Beaverton, OR 97005

Job Name
Point Source Solutions - 2104892

Job Type	PO #	Invoice #	Scheduled	Start	End
Commercial			10/28/2021	9:00 AM	10:00 AM

Item	Description	Quantity	Rate	Amount
Wastewater (oil & water)	For recycling, Flash Point > 200 F. pH: 6. HCDT/ CDT test: ND	755.0000	$1.0000	$755.00
Clor D Tect Test 4000	Field test for chlorinated materials	1.0000	$30.0000	$30.00
Truck & Gear Labor	Per hour (includes stop fee, job time and travel time when applicable).	1.0000	$120.0000	$120.00

Job Subtotal:	$905.00
OREGON:	$0.00
Payment Total:	$0.00
Total:	**$905.00**

GEN EPA ID#	GEN Status	Profile 1	Profile 2	Profile 3	Profile 4
11489		Rick Drewiesuel/water	RB Browns 10/13/22	Portland Metro	

Profile 5	Profile 6	Profile 7	Profile8

Consigned to	Via carrier	Destination	City/State	EPA #	Truck #
ORRCO/Talent	ORRCO	800 Valley View Rd	Talent, OR	ORD 987197092	5274

Driver	Manifest #	CA waste codes
Richard Phillips		

Job Notes and Instructions:

As an authorized representative of the generator of the material described above, I certify that the information contained in this document is 100% accurate and complete. I further certify that this material does NOT constitute a hazardous waste and has NOT been mixed with any hazardous waste such as spent chlorinated solvents or any other contaminants including, without limitation, PCBs, pesticides, or any other hazardous wastes or substances. In the event that the material described in this document is in fact a hazardous waste, or contains 2 PPM or more of PCBs, I guarantee to pay all costs necessary for proper analysis, transportation, storage, and disposal as well as any fines, penalties, attorneys fees, expert witness fees and the loss of the petroleum product resulting from contamination and/or inaccurate and/or incomplete information concerning the material described above. Customer Not Available: Other /COVID-Social Distance VERBAL Signature.

Signature: x 

Kyle Fisher via phone

APPENDIX E

PHOTO LOG

Photo #1:	Initial Site Characterization

Photo #2:	Concrete Cutting

Photo #3:	Removing Concrete

Photo #4:	T1 Exposed

Photo #5:	ORRCO Pumping Out Tank Liquids

Photo #6:	T1 Removal

Project Photos **OR210526-4**

RB Browns Trucking Inc
5758 Crater Lake Avenue
Central Point, Oregon 97502

point source solutions, llc
ENVIRONMENTAL CONSULTING AND CONTRACTING

Photo #7:	Collecting Confirmation Samples

Photo #8:	Backfilling T1 Excavation

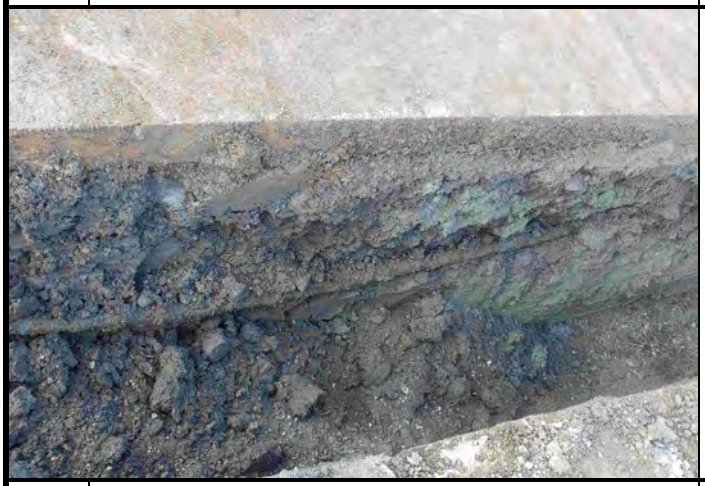


Photo #9:	Product Line Contamination

Photo #10:	Additional Concrete Cutting following Product Lines

Photo #11:	Concrete over Product Line Trench Removed

Photo #12:	Pumping Out T2 and T3 Contents

Project Photos **OR210526-4**

RB Browns Trucking Inc
5758 Crater Lake Avenue
Central Point, Oregon 97502

point source solutions, llc
ENVIRONMENTAL CONSULTING AND CONTRACTING

Photo #13:	Removing T2 and T3

Photo #14:	Backfilling Product Line Trench

APPENDIX F

SAMPLE CHAIN OF CUSTODY AND LABORATORY REPORTS

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Wednesday, November 3, 2021

Jeff Jackman
Point Source Solutions, LLC
10445 SW Canyon Road Suite 266
Beaverton, OR 97005

RE: A1J0676 - RB Browns - [none]

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

Enclosed are the results of analyses for work order A1J0676, which was received by the laboratory on 10/18/2021 at 12:12:00PM.

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

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler#1	3.9 degC	Cooler#2	3.8 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Kevin Friscia, Project Manager

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

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SPW-S1-12-As Received	A1J0676-01	Solid	10/14/21 13:35	10/18/21 12:12
SPW-S1-12-After Processing	A1J0676-02	Solid	10/14/21 13:35	10/18/21 12:12
SEPW-S1-12-As Received	A1J0676-03	Solid	10/14/21 13:51	10/18/21 12:12
SEPW-S1-12-After Processing	A1J0676-04	Solid	10/14/21 13:51	10/18/21 12:12
WSWPW-S1-5	A1J0676-05	Soil	10/14/21 12:03	10/18/21 12:12
SSWPW-S1-5	A1J0676-06	Soil	10/14/21 14:08	10/18/21 12:12
NEPW-S1-12-As Received	A1J0676-07	Solid	10/14/21 15:18	10/18/21 12:12
NEPW-S1-12-After Processing	A1J0676-08	Solid	10/14/21 15:18	10/18/21 12:12
NSWPW-S1-5	A1J0676-09	Soil	10/14/21 14:10	10/18/21 12:12
NPW-S1-12-As Received	A1J0676-10	Solid	10/14/21 15:20	10/18/21 12:12
NPW-S1-12-After Processing	A1J0676-11	Solid	10/14/21 15:20	10/18/21 12:12
SWPB-S1-5	A1J0676-12	Soil	10/14/21 12:08	10/18/21 12:12
SPB-S1-12-As Received	A1J0676-13	Solid	10/14/21 13:30	10/18/21 12:12
SPB-S1-12-After Processing	A1J0676-14	Solid	10/14/21 13:30	10/18/21 12:12
SWPW-S2-12-As Received	A1J0676-15	Solid	10/14/21 13:40	10/18/21 12:12
SWPW-S2-12-After Processing	A1J0676-16	Solid	10/14/21 13:40	10/18/21 12:12
NPB-S1-12-As Received	A1J0676-17	Solid	10/14/21 15:15	10/18/21 12:12
NPB-S1-12-After Processing	A1J0676-18	Solid	10/14/21 15:15	10/18/21 12:12
NWPW-S1-12-As Received	A1J0676-19	Solid	10/14/21 15:12	10/18/21 12:12
NWPW-S1-12-After Processing	A1J0676-20	Solid	10/14/21 15:12	10/18/21 12:12
NPW1-S1-5	A1J0676-21	Soil	10/15/21 13:32	10/18/21 12:12
WTE-S1-7-As Received	A1J0676-22	Solid	10/15/21 13:15	10/18/21 12:12
WTE-S1-7-After Processing	A1J0676-23	Solid	10/15/21 13:15	10/18/21 12:12
EPW-S1-5	A1J0676-24	Soil	10/15/21 13:38	10/18/21 12:12
ETE-S1-7-As Received	A1J0676-25	Solid	10/15/21 13:19	10/18/21 12:12
ETE-S1-7-After Processing	A1J0676-26	Solid	10/15/21 13:19	10/18/21 12:12
PL2-S1-5	A1J0676-27	Soil	10/15/21 13:28	10/18/21 12:12
CTE-S1-7-As Received	A1J0676-28	Solid	10/15/21 13:17	10/18/21 12:12
CTE-S1-7-After Processing	A1J0676-29	Solid	10/15/21 13:17	10/18/21 12:12
SPW1-S1-5	A1J0676-30	Soil	10/15/21 13:30	10/18/21 12:12
PL1-S1-5	A1J0676-31	Soil	10/15/21 13:25	10/18/21 12:12
SPW2-S1-5	A1J0676-32	Soil	10/15/21 14:05	10/18/21 12:12

Apex Laboratories

Kevin Friscia, Project Manager

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

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NPW2-S1-5	A1J0676-33	Soil	10/15/21 14:00	10/18/21 12:12

Apex Laboratories

Kevin Friscia, Project Manager

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

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SPW-S1-12-After Processing (A1J0676-02)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	ND	---	25.0	mg/kg	1	10/22/21 23:29	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/22/21 23:29	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 84 %*		*Limits: 50-150 %*	*1*	*10/22/21 23:29*	*NWTPH-Dx*	
SEPW-S1-12-After Processing (A1J0676-04)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	**97.5**	---	25.0	mg/kg	1	10/23/21 00:09	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 00:09	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 73 %*		*Limits: 50-150 %*	*1*	*10/23/21 00:09*	*NWTPH-Dx*	
NEPW-S1-12-After Processing (A1J0676-08)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	ND	---	25.0	mg/kg	1	10/23/21 00:49	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 00:49	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 76 %*		*Limits: 50-150 %*	*1*	*10/23/21 00:49*	*NWTPH-Dx*	
NPW-S1-12-After Processing (A1J0676-11RE1)				**Matrix: Solid**		**Batch: 21J0901**		
Diesel	ND	---	25.0	mg/kg	1	10/25/21 23:18	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/25/21 23:18	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 63 %*		*Limits: 50-150 %*	*1*	*10/25/21 23:18*	*NWTPH-Dx*	
SPB-S1-12-After Processing (A1J0676-14)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	ND	---	25.0	mg/kg	1	10/23/21 01:30	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 01:30	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 56 %*		*Limits: 50-150 %*	*1*	*10/23/21 01:30*	*NWTPH-Dx*	
SWPW-S2-12-After Processing (A1J0676-16)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	**238**	---	25.0	mg/kg	1	10/23/21 01:50	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 01:50	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 74 %*		*Limits: 50-150 %*	*1*	*10/23/21 01:50*	*NWTPH-Dx*	
NPB-S1-12-After Processing (A1J0676-18)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	ND	---	25.0	mg/kg	1	10/23/21 02:10	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 02:10	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 65 %*		*Limits: 50-150 %*	*1*	*10/23/21 02:10*	*NWTPH-Dx*	
NWPW-S1-12-After Processing (A1J0676-20)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	ND	---	25.0	mg/kg	1	10/23/21 02:30	NWTPH-Dx	

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Kevin Friscia, Project Manager

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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
NWPW-S1-12-After Processing (A1J0676-20)				**Matrix: Solid**		**Batch: 21J0823**		
Oil	ND	---	50.0	mg/kg	1	10/23/21 02:30	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 77 %*		*Limits: 50-150 %*	*1*	*10/23/21 02:30*	*NWTPH-Dx*	
WTE-S1-7-After Processing (A1J0676-23)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	**71.1**	---	25.0	mg/kg	1	10/23/21 02:50	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 02:50	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 71 %*		*Limits: 50-150 %*	*1*	*10/23/21 02:50*	*NWTPH-Dx*	
ETE-S1-7-After Processing (A1J0676-26)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	**223**	---	25.0	mg/kg	1	10/23/21 04:31	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 04:31	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*	*1*	*10/23/21 04:31*	*NWTPH-Dx*	
CTE-S1-7-After Processing (A1J0676-29)				**Matrix: Solid**		**Batch: 21J0823**		
Diesel	**48.7**	---	25.0	mg/kg	1	10/23/21 04:52	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg	1	10/23/21 04:52	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 63 %*		*Limits: 50-150 %*	*1*	*10/23/21 04:52*	*NWTPH-Dx*	

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Kevin Friscia, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx with Acid/Silica Gel Cleanup

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
WSWPW-S1-5 (A1J0676-05)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	25.8	mg/kg dry	1	10/25/21 08:26	NWTPH-Dx/SG	
Oil	ND	---	51.6	mg/kg dry	1	10/25/21 08:26	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 66 %*		*Limits: 50-150 %*	*1*	*10/25/21 08:26*	*NWTPH-Dx/SG*	
SSWPW-S1-5 (A1J0676-06)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	25.0	mg/kg dry	1	10/25/21 08:47	NWTPH-Dx/SG	
Oil	ND	---	50.0	mg/kg dry	1	10/25/21 08:47	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 73 %*		*Limits: 50-150 %*	*1*	*10/25/21 08:47*	*NWTPH-Dx/SG*	
NSWPW-S1-5 (A1J0676-09)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	25.0	mg/kg dry	1	10/25/21 09:28	NWTPH-Dx/SG	
Oil	ND	---	50.0	mg/kg dry	1	10/25/21 09:28	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 76 %*		*Limits: 50-150 %*	*1*	*10/25/21 09:28*	*NWTPH-Dx/SG*	
SWPB-S1-5 (A1J0676-12)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	25.0	mg/kg dry	1	10/25/21 10:09	NWTPH-Dx/SG	
Oil	ND	---	50.0	mg/kg dry	1	10/25/21 10:09	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*	*1*	*10/25/21 10:09*	*NWTPH-Dx/SG*	
NPW1-S1-5 (A1J0676-21)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	26.3	mg/kg dry	1	10/25/21 07:35	NWTPH-Dx/SG	
Oil	ND	---	52.7	mg/kg dry	1	10/25/21 07:35	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 82 %*		*Limits: 50-150 %*	*1*	*10/25/21 07:35*	*NWTPH-Dx/SG*	
EPW-S1-5 (A1J0676-24)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	25.0	mg/kg dry	1	10/25/21 07:57	NWTPH-Dx/SG	
Oil	ND	---	50.0	mg/kg dry	1	10/25/21 07:57	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*	*1*	*10/25/21 07:57*	*NWTPH-Dx/SG*	
PL2-S1-5 (A1J0676-27)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	25.0	mg/kg dry	1	10/25/21 08:20	NWTPH-Dx/SG	
Oil	**75.5**	---	50.0	mg/kg dry	1	10/25/21 08:20	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 73 %*		*Limits: 50-150 %*	*1*	*10/25/21 08:20*	*NWTPH-Dx/SG*	
SPW1-S1-5 (A1J0676-30)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	27.5	mg/kg dry	1	10/25/21 08:42	NWTPH-Dx/SG	

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx with Acid/Silica Gel Cleanup

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SPW1-S1-5 (A1J0676-30)				**Matrix: Soil**		**Batch: 21J0811**		
Oil	ND	---	55.0	mg/kg dry	1	10/25/21 08:42	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 69 %*		*Limits: 50-150 %*	*1*	*10/25/21 08:42*	*NWTPH-Dx/SG*	
PL1-S1-5 (A1J0676-31RE1)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	**3190**	---	45.7	mg/kg dry	2	10/25/21 10:30	NWTPH-Dx/SG	
Oil	**241**	---	91.5	mg/kg dry	2	10/25/21 10:30	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 93 %*		*Limits: 50-150 %*	*2*	*10/25/21 10:30*	*NWTPH-Dx/SG*	*S-05*
SPW2-S1-5 (A1J0676-32)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	26.0	mg/kg dry	1	10/25/21 07:57	NWTPH-Dx/SG	
Oil	ND	---	52.0	mg/kg dry	1	10/25/21 07:57	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 69 %*		*Limits: 50-150 %*	*1*	*10/25/21 07:57*	*NWTPH-Dx/SG*	
NPW2-S1-5 (A1J0676-33)				**Matrix: Soil**		**Batch: 21J0811**		
Diesel	ND	---	25.4	mg/kg dry	1	10/25/21 08:20	NWTPH-Dx/SG	
Oil	ND	---	50.8	mg/kg dry	1	10/25/21 08:20	NWTPH-Dx/SG	
Surrogate: o-Terphenyl (Surr)		*Recovery: 56 %*		*Limits: 50-150 %*	*1*	*10/25/21 08:20*	*NWTPH-Dx/SG*	

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Kevin Friscia, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SPW-S1-12-As Received (A1J0676-01)				**Matrix: Solid**		**Batch: 21J0805**		**V-16**
Gasoline Range Organics	ND	---	19.5	mg/kg wet	50	10/22/21 18:25	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 102 %*	*Limits: 50-150 %*		*1*	*10/22/21 18:25*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/22/21 18:25*	*NWTPH-Gx (MS)*	
SEPW-S1-12-As Received (A1J0676-03)				**Matrix: Solid**		**Batch: 21J0805**		**V-16**
Gasoline Range Organics	ND	---	12.3	mg/kg wet	50	10/22/21 18:52	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*10/22/21 18:52*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/22/21 18:52*	*NWTPH-Gx (MS)*	
WSWPW-S1-5 (A1J0676-05)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	9.66	mg/kg dry	50	10/22/21 13:55	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 106 %*	*Limits: 50-150 %*		*1*	*10/22/21 13:55*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/22/21 13:55*	*NWTPH-Gx (MS)*	
SSWPW-S1-5 (A1J0676-06)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	8.02	mg/kg dry	50	10/22/21 14:49	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 103 %*	*Limits: 50-150 %*		*1*	*10/22/21 14:49*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*10/22/21 14:49*	*NWTPH-Gx (MS)*	
NEPW-S1-12-As Received (A1J0676-07)				**Matrix: Solid**		**Batch: 21J0805**		**V-16**
Gasoline Range Organics	ND	---	9.62	mg/kg wet	50	10/22/21 19:19	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*10/22/21 19:19*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/22/21 19:19*	*NWTPH-Gx (MS)*	
NSWPW-S1-5 (A1J0676-09)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	8.67	mg/kg dry	50	10/22/21 15:16	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 103 %*	*Limits: 50-150 %*		*1*	*10/22/21 15:16*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*10/22/21 15:16*	*NWTPH-Gx (MS)*	
NPW-S1-12-As Received (A1J0676-10)				**Matrix: Solid**		**Batch: 21J0805**		**V-16**
Gasoline Range Organics	ND	---	9.73	mg/kg wet	50	10/22/21 19:46	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*10/22/21 19:46*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*10/22/21 19:46*	*NWTPH-Gx (MS)*	
SWPB-S1-5 (A1J0676-12)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	8.95	mg/kg dry	50	10/22/21 15:43	NWTPH-Gx (MS)	

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SWPB-S1-5 (A1J0676-12)				**Matrix: Soil**		**Batch: 21J0805**		
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*	*Limits: 50-150 %*		*1*	*10/22/21 15:43*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*10/22/21 15:43*	*NWTPH-Gx (MS)*	
SPB-S1-12-As Received (A1J0676-13)				**Matrix: Solid**		**Batch: 21J0839**		**V-16**
Gasoline Range Organics	ND	---	12.6	mg/kg wet	50	10/23/21 07:02	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*	*Limits: 50-150 %*		*1*	*10/23/21 07:02*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*99 %*	*50-150 %*	*1*	*10/23/21 07:02*	*NWTPH-Gx (MS)*	
SWPW-S2-12-As Received (A1J0676-15)				**Matrix: Solid**		**Batch: 21J0839**		**V-16**
Gasoline Range Organics	**9.38**	---	7.08	mg/kg wet	50	10/23/21 07:29	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*	*Limits: 50-150 %*		*1*	*10/23/21 07:29*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*10/23/21 07:29*	*NWTPH-Gx (MS)*	
NPB-S1-12-As Received (A1J0676-17)				**Matrix: Solid**		**Batch: 21J0839**		**V-16**
Gasoline Range Organics	ND	---	17.6	mg/kg wet	50	10/23/21 07:56	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*	*Limits: 50-150 %*		*1*	*10/23/21 07:56*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*10/23/21 07:56*	*NWTPH-Gx (MS)*	
NWPW-S1-12-As Received (A1J0676-19)				**Matrix: Solid**		**Batch: 21J0839**		**V-16**
Gasoline Range Organics	ND	---	10.3	mg/kg wet	50	10/23/21 08:23	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 103 %*	*Limits: 50-150 %*		*1*	*10/23/21 08:23*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*10/23/21 08:23*	*NWTPH-Gx (MS)*	
NPW1-S1-5 (A1J0676-21)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	9.92	mg/kg dry	50	10/22/21 16:10	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*	*Limits: 50-150 %*		*1*	*10/22/21 16:10*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*10/22/21 16:10*	*NWTPH-Gx (MS)*	
WTE-S1-7-As Received (A1J0676-22)				**Matrix: Solid**		**Batch: 21J0839**		**V-16**
Gasoline Range Organics	ND	---	8.45	mg/kg wet	50	10/23/21 08:50	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*10/23/21 08:50*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/23/21 08:50*	*NWTPH-Gx (MS)*	
EPW-S1-5 (A1J0676-24)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	18.2	mg/kg dry	50	10/22/21 21:07	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*10/22/21 21:07*	*NWTPH-Gx (MS)*	

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Kevin Friscia, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EPW-S1-5 (A1J0676-24)				**Matrix: Soil**		**Batch: 21J0805**		
Surrogate: 1,4-Difluorobenzene (Sur)		*Recovery: 95 %*		*Limits: 50-150 %*	*1*	*10/22/21 21:07*	*NWTPH-Gx (MS)*	
ETE-S1-7-As Received (A1J0676-25)				**Matrix: Solid**		**Batch: 21J0839**		**V-16**
Gasoline Range Organics	ND	---	11.6	mg/kg wet	50	10/23/21 09:17	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 98 %*		*Limits: 50-150 %*	*1*	*10/23/21 09:17*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*10/23/21 09:17*	*NWTPH-Gx (MS)*	
PL2-S1-5 (A1J0676-27)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	10.0	mg/kg dry	50	10/22/21 21:34	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*		*Limits: 50-150 %*	*1*	*10/22/21 21:34*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*10/22/21 21:34*	*NWTPH-Gx (MS)*	
CTE-S1-7-As Received (A1J0676-28)				**Matrix: Solid**		**Batch: 21J0839**		**V-16**
Gasoline Range Organics	ND	---	7.02	mg/kg wet	50	10/23/21 09:44	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 102 %*		*Limits: 50-150 %*	*1*	*10/23/21 09:44*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*10/23/21 09:44*	*NWTPH-Gx (MS)*	
SPW1-S1-5 (A1J0676-30)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	9.00	mg/kg dry	50	10/22/21 22:01	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 105 %*		*Limits: 50-150 %*	*1*	*10/22/21 22:01*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/22/21 22:01*	*NWTPH-Gx (MS)*	
PL1-S1-5 (A1J0676-31)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	**425**	---	42.8	mg/kg dry	200	10/22/21 20:40	NWTPH-Gx (MS)	**F-13**
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 111 %*		*Limits: 50-150 %*	*1*	*10/22/21 20:40*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/22/21 20:40*	*NWTPH-Gx (MS)*	
SPW2-S1-5 (A1J0676-32)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	9.11	mg/kg dry	50	10/22/21 20:13	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*		*Limits: 50-150 %*	*1*	*10/22/21 20:13*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*10/22/21 20:13*	*NWTPH-Gx (MS)*	
NPW2-S1-5 (A1J0676-33)				**Matrix: Soil**		**Batch: 21J0805**		
Gasoline Range Organics	ND	---	10.9	mg/kg dry	50	10/22/21 17:31	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 103 %*		*Limits: 50-150 %*	*1*	*10/22/21 17:31*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*10/22/21 17:31*	*NWTPH-Gx (MS)*	

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Kevin Friscia, Project Manager

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes

Apex Laboratories

Kevin Friscia, Project Manager

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
PL1-S1-5 (A1J0676-31)				**Matrix: Soil**		**Batch: 21J0805**		
Acetone	ND	---	8.56	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Acrylonitrile	ND	---	0.856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Benzene	ND	---	0.0856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Bromobenzene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Bromochloromethane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Bromodichloromethane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Bromoform	ND	---	0.856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Bromomethane	ND	---	4.28	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
2-Butanone (MEK)	ND	---	4.28	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
n-Butylbenzene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
sec-Butylbenzene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
tert-Butylbenzene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Carbon disulfide	ND	---	4.28	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Carbon tetrachloride	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Chlorobenzene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Chloroethane	ND	---	4.28	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Chloroform	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Chloromethane	ND	---	2.14	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
2-Chlorotoluene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
4-Chlorotoluene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Dibromochloromethane	ND	---	0.856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND	---	2.14	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Dibromomethane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2-Dichlorobenzene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,3-Dichlorobenzene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,4-Dichlorobenzene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Dichlorodifluoromethane	ND	---	0.856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,1-Dichloroethane	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,1-Dichloroethene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
cis-1,2-Dichloroethene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
trans-1,2-Dichloroethene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2-Dichloropropane	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,3-Dichloropropane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
2,2-Dichloropropane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,1-Dichloropropene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
cis-1,3-Dichloropropene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
trans-1,3-Dichloropropene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	

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503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
PL1-S1-5 (A1J0676-31)				**Matrix: Soil**		**Batch: 21J0805**		
Ethylbenzene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Hexachlorobutadiene	ND	---	0.856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
2-Hexanone	ND	---	4.28	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Isopropylbenzene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
4-Isopropyltoluene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Methylene chloride	ND	---	4.28	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	4.28	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Naphthalene	ND	---	0.856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
n-Propylbenzene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Styrene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Tetrachloroethene (PCE)	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Toluene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2,3-Trichlorobenzene	ND	---	2.14	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2,4-Trichlorobenzene	ND	---	2.14	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,1,1-Trichloroethane	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,1,2-Trichloroethane	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Trichloroethene (TCE)	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Trichlorofluoromethane	ND	---	0.856	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2,3-Trichloropropane	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,2,4-Trimethylbenzene	**0.681**	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
1,3,5-Trimethylbenzene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Vinyl chloride	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
m,p-Xylene	ND	---	0.428	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
o-Xylene	ND	---	0.214	mg/kg dry	200	10/22/21 20:40	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 97 %*		*Limits: 80-120 %*	*1*	*10/22/21 20:40*	*5035A/8260D*	
Toluene-d8 (Surr)			*105 %*	*80-120 %*	*1*	*10/22/21 20:40*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*79-120 %*	*1*	*10/22/21 20:40*	*5035A/8260D*	

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
PL1-S1-5 (A1J0676-31)				**Matrix: Soil**		**Batch: 21J1097**		**C-07**
Aroclor 1016	ND	---	0.0111	mg/kg dry	1	10/29/21 21:38	EPA 8082A	
Aroclor 1221	ND	---	0.0111	mg/kg dry	1	10/29/21 21:38	EPA 8082A	
Aroclor 1232	ND	---	0.0111	mg/kg dry	1	10/29/21 21:38	EPA 8082A	
Aroclor 1242	ND	---	0.0111	mg/kg dry	1	10/29/21 21:38	EPA 8082A	
Aroclor 1248	ND	---	0.0111	mg/kg dry	1	10/29/21 21:38	EPA 8082A	
Aroclor 1254	ND	---	0.0111	mg/kg dry	1	10/29/21 21:38	EPA 8082A	
Aroclor 1260	ND	---	0.0111	mg/kg dry	1	10/29/21 21:38	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 81 %*		*Limits: 60-125 %*	*1*	*10/29/21 21:38*	*EPA 8082A*	

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
PL1-S1-5 (A1J0676-31)				**Matrix: Soil**		**Batch: 21J1039**		
Acenaphthene	ND	---	0.272	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	R-02
Acenaphthylene	ND	---	0.113	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	R-02
Anthracene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Benz(a)anthracene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Benzo(a)pyrene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Benzo(b)fluoranthene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Benzo(k)fluoranthene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Benzo(g,h,i)perylene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Chrysene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Dibenz(a,h)anthracene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Fluoranthene	**0.0522**	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Fluorene	**0.778**	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Indeno(1,2,3-cd)pyrene	ND	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Naphthalene	ND	---	0.254	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	R-02
Phenanthrene	**1.47**	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Pyrene	**0.0875**	---	0.0453	mg/kg dry	4	10/28/21 14:40	EPA 8270E SIM	
Surrogate: 2-Fluorobiphenyl (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*4*	*10/28/21 14:40*	*EPA 8270E SIM*	
p-Terphenyl-d14 (Surr)			*89 %*	*54-127 %*	*4*	*10/28/21 14:40*	*EPA 8270E SIM*	

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
PL1-S1-5 (A1J0676-31)				**Matrix: Soil**				
Batch: 21J1074								
Cadmium	ND	---	0.231	mg/kg dry	10	10/29/21 01:43	EPA 6020B	
Chromium	**16.2**	---	1.16	mg/kg dry	10	10/29/21 01:43	EPA 6020B	
Lead	**8.18**	---	0.231	mg/kg dry	10	10/29/21 01:43	EPA 6020B	

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
WSWPW-S1-5 (A1J0676-05)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**73.8**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
SSWPW-S1-5 (A1J0676-06)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**82.5**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
NSWPW-S1-5 (A1J0676-09)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**81.5**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
SWPB-S1-5 (A1J0676-12)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**82.1**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
NPW1-S1-5 (A1J0676-21)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**74.0**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
EPW-S1-5 (A1J0676-24)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**85.5**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
PL2-S1-5 (A1J0676-27)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**81.6**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
SPW1-S1-5 (A1J0676-30)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**71.2**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
PL1-S1-5 (A1J0676-31)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**86.2**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
SPW2-S1-5 (A1J0676-32)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**74.1**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	
NPW2-S1-5 (A1J0676-33)				**Matrix: Soil**		**Batch: 21J0799**		
% Solids	**77.0**	---	1.00	%	1	10/25/21 07:39	EPA 8000D	

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Kevin Friscia, Project Manager

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ORELAP ID: **OR100062**

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0823 - EPA 3546 (Fuels)							Solid					
Blank (21J0823-BLK2)		Prepared: 10/22/21 13:06		Analyzed: 10/25/21 07:25								
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg	1	---	---	---	---	---	---	
Oil	ND	---	50.0	mg/kg	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 86 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (21J0823-BS1)		Prepared: 10/22/21 13:06		Analyzed: 10/22/21 22:08								
NWTPH-Dx												
Diesel	133	---	25.0	mg/kg	1	125	---	107	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 96 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (21J0823-DUP1)		Prepared: 10/22/21 13:06		Analyzed: 10/23/21 00:29								
QC Source Sample: SEPW-S1-12-After Processing (A1J0676-04)												
NWTPH-Dx												
Diesel	**97.0**	---	25.0	mg/kg	1	---	97.5	---	---	0.6	30%	
Oil	ND	---	50.0	mg/kg	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 77 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (21J0823-DUP2)		Prepared: 10/22/21 13:06		Analyzed: 10/22/21 23:49								
QC Source Sample: SPW-S1-12-After Processing (A1J0676-02)												
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg	1	---	ND	---	---	---	30%	
Oil	ND	---	50.0	mg/kg	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 74 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Batch 21J0901 - EPA 3546 (Fuels)							Solid					
Blank (21J0901-BLK1)		Prepared: 10/25/21 14:44		Analyzed: 10/25/21 22:17								
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg	1	---	---	---	---	---	---	
Oil	ND	---	50.0	mg/kg	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 85 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (21J0901-BS1)		Prepared: 10/25/21 14:44		Analyzed: 10/25/21 22:38								

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0901 - EPA 3546 (Fuels)							**Solid**					
LCS (21J0901-BS1)		Prepared: 10/25/21 14:44		Analyzed: 10/25/21 22:38								
NWTPH-Dx												
Diesel	101	---	25.0	mg/kg	1	125	---	81	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 85 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS Dup (21J0901-BSD1)		Prepared: 10/25/21 14:58		Analyzed: 10/25/21 22:58								**Q-19**
NWTPH-Dx												
Diesel	109	---	25.0	mg/kg	1	125	---	87	38 - 132%	7	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 89 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx with Acid/Silica Gel Cleanup

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0811 - EPA 3546 w/SG+Acid (NWTPH)							Soil					
Blank (21J0811-BLK1)		Prepared: 10/22/21 11:00		Analyzed: 10/25/21 07:45								
NWTPH-Dx/SG												
Diesel	ND	---	25.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 93 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (21J0811-BS1)		Prepared: 10/22/21 11:00		Analyzed: 10/25/21 08:06								
NWTPH-Dx/SG												
Diesel	112	---	25.0	mg/kg wet	1	125	---	90	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 94 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (21J0811-DUP1)		Prepared: 10/22/21 11:00		Analyzed: 10/25/21 09:49								
QC Source Sample: NSWPW-S1-5 (A1J0676-09)												
NWTPH-Dx/SG												
Diesel	ND	---	25.0	mg/kg dry	1	---	ND	---	---	---	30%	
Oil	ND	---	50.0	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 90 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (21J0811-DUP2)		Prepared: 10/22/21 13:03		Analyzed: 10/25/21 09:07								
QC Source Sample: SSWPW-S1-5 (A1J0676-06)												
NWTPH-Dx/SG												
Diesel	ND	---	25.0	mg/kg dry	1	---	ND	---	---	---	30%	
Oil	ND	---	50.0	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 75 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A												**Soil**
Blank (21J0805-BLK1)		Prepared: 10/22/21 09:00		Analyzed: 10/22/21 11:13								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	3.33	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*95 %*		*50-150 %*			*"*					
LCS (21J0805-BS2)		Prepared: 10/22/21 09:00		Analyzed: 10/22/21 10:46								
NWTPH-Gx (MS)												
Gasoline Range Organics	25.4	---	5.00	mg/kg wet	50	25.0	---	102	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*98 %*		*50-150 %*			*"*					
Duplicate (21J0805-DUP1)		Prepared: 10/14/21 12:03		Analyzed: 10/22/21 14:22								
QC Source Sample: WSWPW-S1-5 (A1J0676-05)												
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	8.85	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 106 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*96 %*		*50-150 %*			*"*					
Duplicate (21J0805-DUP2)		Prepared: 10/15/21 14:00		Analyzed: 10/22/21 17:58								
QC Source Sample: NPW2-S1-5 (A1J0676-33)												
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	7.01	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*97 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0839 - EPA 5035A									Soil			
Blank (21J0839-BLK1)		Prepared: 10/22/21 09:00		Analyzed: 10/23/21 00:17								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	3.33	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*97 %*		*50-150 %*		*"*					
LCS (21J0839-BS2)		Prepared: 10/22/21 09:00		Analyzed: 10/22/21 23:50								
NWTPH-Gx (MS)												
Gasoline Range Organics	23.0	---	5.00	mg/kg wet	50	25.0	---	92	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*100 %*		*50-150 %*		*"*					

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
Blank (21J0805-BLK1)		Prepared: 10/22/21 09:00 Analyzed: 10/22/21 11:13										
5035A/8260D												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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Kevin Friscia, Project Manager

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
Blank (21J0805-BLK1)		Prepared: 10/22/21 09:00		Analyzed: 10/22/21 11:13								
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 96 %*		*Limits: 80-120 %*				*Dilution: 1x*				

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Kevin Friscia, Project Manager

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A									Soil			
Blank (21J0805-BLK1)			Prepared: 10/22/21 09:00 Analyzed: 10/22/21 11:13									
Surr: Toluene-d8 (Surr)			*Recovery: 104 %*	*Limits: 80-120 %*					*Dilution: 1x*			
4-Bromofluorobenzene (Surr)			*95 %*	*79-120 %*					*"*			
LCS (21J0805-BS1)			Prepared: 10/22/21 09:00 Analyzed: 10/22/21 10:19									
5035A/8260D												
Acetone	2.00	---	1.00	mg/kg wet	50	2.00	---	100	80 - 120%	---	---	
Acrylonitrile	1.14	---	0.100	mg/kg wet	50	1.00	---	114	80 - 120%	---	---	
Benzene	1.04	---	0.0100	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
Bromobenzene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
Bromochloromethane	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
Bromodichloromethane	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
Bromoform	1.13	---	0.100	mg/kg wet	50	1.00	---	113	80 - 120%	---	---	
Bromomethane	1.24	---	0.500	mg/kg wet	50	1.00	---	**124**	**80 - 120%**	---	---	Q-56
2-Butanone (MEK)	2.07	---	0.500	mg/kg wet	50	2.00	---	104	80 - 120%	---	---	
n-Butylbenzene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80 - 120%	---	---	
sec-Butylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
tert-Butylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
Carbon disulfide	0.644	---	0.500	mg/kg wet	50	1.00	---	**64**	**80 - 120%**	---	---	Q-55
Carbon tetrachloride	1.18	---	0.0500	mg/kg wet	50	1.00	---	118	80 - 120%	---	---	
Chlorobenzene	0.995	---	0.0250	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
Chloroethane	1.14	---	0.500	mg/kg wet	50	1.00	---	114	80 - 120%	---	---	
Chloroform	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
Chloromethane	0.960	---	0.250	mg/kg wet	50	1.00	---	96	80 - 120%	---	---	
2-Chlorotoluene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80 - 120%	---	---	
4-Chlorotoluene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
Dibromochloromethane	1.10	---	0.100	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
1,2-Dibromo-3-chloropropane	0.988	---	0.250	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
Dibromomethane	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
1,2-Dichlorobenzene	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
1,3-Dichlorobenzene	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
1,4-Dichlorobenzene	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
Dichlorodifluoromethane	0.826	---	0.100	mg/kg wet	50	1.00	---	83	80 - 120%	---	---	
1,1-Dichloroethane	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	

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Kevin Friscia, Project Manager

Apex Laboratories, LLC
6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
LCS (21J0805-BS1)		Prepared: 10/22/21 09:00		Analyzed: 10/22/21 10:19								
1,2-Dichloroethane (EDC)	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
1,1-Dichloroethene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
cis-1,2-Dichloroethene	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
trans-1,2-Dichloroethene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
1,2-Dichloropropane	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
1,3-Dichloropropane	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
2,2-Dichloropropane	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
1,1-Dichloropropene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
cis-1,3-Dichloropropene	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80 - 120%	---	---	
trans-1,3-Dichloropropene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
Ethylbenzene	0.995	---	0.0250	mg/kg wet	50	1.00	---	100	80 - 120%	---	---	
Hexachlorobutadiene	0.996	---	0.100	mg/kg wet	50	1.00	---	100	80 - 120%	---	---	
2-Hexanone	2.33	---	0.500	mg/kg wet	50	2.00	---	117	80 - 120%	---	---	
Isopropylbenzene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
4-Isopropyltoluene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
Methylene chloride	1.02	---	0.500	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
4-Methyl-2-pentanone (MiBK)	2.37	---	0.500	mg/kg wet	50	2.00	---	119	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
Naphthalene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
n-Propylbenzene	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
Styrene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
1,1,1,2-Tetrachloroethane	1.23	---	0.0500	mg/kg wet	50	1.00	---	**123**	**80 - 120%**	---	---	Q-56
1,1,2,2-Tetrachloroethane	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
Tetrachloroethene (PCE)	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
Toluene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
1,2,3-Trichlorobenzene	1.02	---	0.250	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
1,2,4-Trichlorobenzene	1.01	---	0.250	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
1,1,1-Trichloroethane	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
1,1,2-Trichloroethane	1.12	---	0.0250	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
Trichloroethene (TCE)	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
Trichlorofluoromethane	1.12	---	0.100	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
1,2,3-Trichloropropane	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
1,2,4-Trimethylbenzene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
1,3,5-Trimethylbenzene	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	

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Kevin Friscia, Project Manager

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503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: RB Browns	
10445 SW Canyon Road Suite 266	Project Number: [none]	Report ID:
Beaverton, OR 97005	Project Manager: Jeff Jackman	A1J0676 - 11 03 21 1139

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							Soil					
LCS (21J0805-BS1)		Prepared: 10/22/21 09:00		Analyzed: 10/22/21 10:19								
Vinyl chloride	1.03	---	0.0250	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
m,p-Xylene	2.03	---	0.0500	mg/kg wet	50	2.00	---	102	80 - 120%	---	---	
o-Xylene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 96 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*103 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*97 %*		*79-120 %*			*"*					
Duplicate (21J0805-DUP1)		Prepared: 10/14/21 12:03		Analyzed: 10/22/21 14:22								
QC Source Sample: WSWPW-S1-5 (A1J0676-05)												
5035A/8260D												
Acetone	ND	---	1.77	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.177	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0177	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.177	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.885	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.885	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.885	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.885	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.442	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.177	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.442	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	

Apex Laboratories

Kevin Friscia, Project Manager

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ORELAP ID: **OR100062**

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
Duplicate (21J0805-DUP1)		Prepared: 10/14/21 12:03	Analyzed: 10/22/21 14:22									
QC Source Sample: WSWPW-S1-5 (A1J0676-05)												
1,2-Dichlorobenzene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.177	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.177	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.885	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.885	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.885	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.177	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.442	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.442	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	

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Kevin Friscia, Project Manager

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ORELAP ID: **OR100062**

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
Duplicate (21J0805-DUP1)		Prepared: 10/14/21 12:03		Analyzed: 10/22/21 14:22								
QC Source Sample: WSWPW-S1-5 (A1J0676-05)												
1,1,2-Trichloroethane	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.177	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0885	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0442	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 97 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*102 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*96 %*		*79-120 %*			*"*					
Duplicate (21J0805-DUP2)		Prepared: 10/15/21 14:00		Analyzed: 10/22/21 17:58								
QC Source Sample: NPW2-S1-5 (A1J0676-33)												
5035A/8260D												
Acetone	ND	---	1.40	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0140	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.701	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.701	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.701	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.701	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	

Apex Laboratories

Kevin Friscia, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
Duplicate (21J0805-DUP2)		Prepared: 10/15/21 14:00		Analyzed: 10/22/21 17:58								
QC Source Sample: NPW2-S1-5 (A1J0676-33)												
Chloromethane	ND	---	0.351	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.351	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.701	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.701	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.701	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	

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Kevin Friscia, Project Manager

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: RB Browns	
10445 SW Canyon Road Suite 266	Project Number: [none]	Report ID:
Beaverton, OR 97005	Project Manager: Jeff Jackman	A1J0676 - 11 03 21 1139

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							Soil					
Duplicate (21J0805-DUP2)		Prepared: 10/15/21 14:00 Analyzed: 10/22/21 17:58										
QC Source Sample: NPW2-S1-5 (A1J0676-33)												
1,1,1,2-Tetrachloroethane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.351	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.351	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.140	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0701	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0351	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 97 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*102 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*98 %*		*79-120 %*			*"*					
Matrix Spike (21J0805-MS1)		Prepared: 10/15/21 13:32 Analyzed: 10/22/21 16:37										
QC Source Sample: NPW1-S1-5 (A1J0676-21) 5035A/8260D												
Acetone	4.40	---	1.98	mg/kg dry	50	3.97	ND	111	36 - 164%	---	---	
Acrylonitrile	2.25	---	0.198	mg/kg dry	50	1.99	ND	114	65 - 134%	---	---	
Benzene	1.97	---	0.0198	mg/kg dry	50	1.99	ND	99	77 - 121%	---	---	
Bromobenzene	1.96	---	0.0496	mg/kg dry	50	1.99	ND	99	78 - 121%	---	---	
Bromochloromethane	2.18	---	0.0992	mg/kg dry	50	1.99	ND	110	78 - 125%	---	---	
Bromodichloromethane	1.89	---	0.0992	mg/kg dry	50	1.99	ND	95	75 - 127%	---	---	
Bromoform	2.13	---	0.198	mg/kg dry	50	1.99	ND	107	67 - 132%	---	---	
Bromomethane	2.47	---	0.992	mg/kg dry	50	1.99	ND	124	53 - 143%	---	---	Q-54a
2-Butanone (MEK)	4.36	---	0.992	mg/kg dry	50	3.97	ND	110	51 - 148%	---	---	
n-Butylbenzene	2.10	---	0.0992	mg/kg dry	50	1.99	ND	106	70 - 128%	---	---	

Apex Laboratories

Kevin Friscia, Project Manager

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503-718-2323
ORELAP ID: **OR100062**

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
Matrix Spike (21J0805-MS1)		Prepared: 10/15/21 13:32		Analyzed: 10/22/21 16:37								
QC Source Sample: NPW1-S1-5 (A1J0676-21)												
sec-Butylbenzene	2.00	---	0.0992	mg/kg dry	50	1.99	ND	101	73 - 126%	---	---	
tert-Butylbenzene	1.99	---	0.0992	mg/kg dry	50	1.99	ND	100	73 - 125%	---	---	
Carbon disulfide	1.15	---	0.992	mg/kg dry	50	1.99	ND	**58**	**63 - 132%**	---	---	Q-54b
Carbon tetrachloride	2.19	---	0.0992	mg/kg dry	50	1.99	ND	110	70 - 135%	---	---	
Chlorobenzene	1.91	---	0.0496	mg/kg dry	50	1.99	ND	96	79 - 120%	---	---	
Chloroethane	2.64	---	0.992	mg/kg dry	50	1.99	ND	133	59 - 139%	---	---	
Chloroform	2.00	---	0.0992	mg/kg dry	50	1.99	ND	101	78 - 123%	---	---	
Chloromethane	1.69	---	0.496	mg/kg dry	50	1.99	ND	85	50 - 136%	---	---	
2-Chlorotoluene	2.10	---	0.0992	mg/kg dry	50	1.99	ND	106	75 - 122%	---	---	
4-Chlorotoluene	2.04	---	0.0992	mg/kg dry	50	1.99	ND	103	72 - 124%	---	---	
Dibromochloromethane	2.11	---	0.198	mg/kg dry	50	1.99	ND	106	74 - 126%	---	---	
1,2-Dibromo-3-chloropropane	1.85	---	0.496	mg/kg dry	50	1.99	ND	93	61 - 132%	---	---	
1,2-Dibromoethane (EDB)	2.02	---	0.0992	mg/kg dry	50	1.99	ND	102	78 - 122%	---	---	
Dibromomethane	1.98	---	0.0992	mg/kg dry	50	1.99	ND	100	78 - 125%	---	---	
1,2-Dichlorobenzene	1.93	---	0.0496	mg/kg dry	50	1.99	ND	97	78 - 121%	---	---	
1,3-Dichlorobenzene	1.93	---	0.0496	mg/kg dry	50	1.99	ND	97	77 - 121%	---	---	
1,4-Dichlorobenzene	1.87	---	0.0496	mg/kg dry	50	1.99	ND	94	75 - 120%	---	---	
Dichlorodifluoromethane	1.37	---	0.198	mg/kg dry	50	1.99	ND	69	29 - 149%	---	---	
1,1-Dichloroethane	2.02	---	0.0496	mg/kg dry	50	1.99	ND	102	76 - 125%	---	---	
1,2-Dichloroethane (EDC)	2.06	---	0.0496	mg/kg dry	50	1.99	ND	104	73 - 128%	---	---	
1,1-Dichloroethene	1.91	---	0.0496	mg/kg dry	50	1.99	ND	96	70 - 131%	---	---	
cis-1,2-Dichloroethene	2.07	---	0.0496	mg/kg dry	50	1.99	ND	104	77 - 123%	---	---	
trans-1,2-Dichloroethene	1.97	---	0.0496	mg/kg dry	50	1.99	ND	99	74 - 125%	---	---	
1,2-Dichloropropane	2.08	---	0.0496	mg/kg dry	50	1.99	ND	105	76 - 123%	---	---	
1,3-Dichloropropane	2.18	---	0.0992	mg/kg dry	50	1.99	ND	110	77 - 121%	---	---	
2,2-Dichloropropane	1.80	---	0.0992	mg/kg dry	50	1.99	ND	91	67 - 133%	---	---	
1,1-Dichloropropene	1.98	---	0.0992	mg/kg dry	50	1.99	ND	100	76 - 125%	---	---	
cis-1,3-Dichloropropene	2.03	---	0.0992	mg/kg dry	50	1.99	ND	102	74 - 126%	---	---	
trans-1,3-Dichloropropene	2.03	---	0.0992	mg/kg dry	50	1.99	ND	102	71 - 130%	---	---	
Ethylbenzene	1.87	---	0.0496	mg/kg dry	50	1.99	ND	94	76 - 122%	---	---	
Hexachlorobutadiene	1.87	---	0.198	mg/kg dry	50	1.99	ND	94	61 - 135%	---	---	
2-Hexanone	4.61	---	0.992	mg/kg dry	50	3.97	ND	116	53 - 145%	---	---	
Isopropylbenzene	2.03	---	0.0992	mg/kg dry	50	1.99	ND	102	68 - 134%	---	---	

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Kevin Friscia, Project Manager

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ORELAP ID: OR100062

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0805 - EPA 5035A							**Soil**					
Matrix Spike (21J0805-MS1)		Prepared: 10/15/21 13:32		Analyzed: 10/22/21 16:37								
QC Source Sample: NPW1-S1-5 (A1J0676-21)												
4-Isopropyltoluene	1.99	---	0.0992	mg/kg dry	50	1.99	ND	100	73 - 127%	---	---	
Methylene chloride	2.03	---	0.992	mg/kg dry	50	1.99	ND	102	70 - 128%	---	---	
4-Methyl-2-pentanone (MiBK)	4.68	---	0.992	mg/kg dry	50	3.97	ND	118	65 - 135%	---	---	
Methyl tert-butyl ether (MTBE)	1.93	---	0.0992	mg/kg dry	50	1.99	ND	97	73 - 125%	---	---	
Naphthalene	1.99	---	0.198	mg/kg dry	50	1.99	ND	100	62 - 129%	---	---	
n-Propylbenzene	2.06	---	0.0496	mg/kg dry	50	1.99	ND	104	73 - 125%	---	---	
Styrene	2.01	---	0.0992	mg/kg dry	50	1.99	ND	101	76 - 124%	---	---	
1,1,1,2-Tetrachloroethane	2.30	---	0.0992	mg/kg dry	50	1.99	ND	116	78 - 125%	---	---	Q-54
1,1,2,2-Tetrachloroethane	2.07	---	0.0992	mg/kg dry	50	1.99	ND	104	70 - 124%	---	---	
Tetrachloroethene (PCE)	1.89	---	0.0496	mg/kg dry	50	1.99	ND	95	73 - 128%	---	---	
Toluene	1.95	---	0.0992	mg/kg dry	50	1.99	ND	98	77 - 121%	---	---	
1,2,3-Trichlorobenzene	1.93	---	0.496	mg/kg dry	50	1.99	ND	97	66 - 130%	---	---	
1,2,4-Trichlorobenzene	1.90	---	0.496	mg/kg dry	50	1.99	ND	95	67 - 129%	---	---	
1,1,1-Trichloroethane	2.03	---	0.0496	mg/kg dry	50	1.99	ND	102	73 - 130%	---	---	
1,1,2-Trichloroethane	2.16	---	0.0496	mg/kg dry	50	1.99	ND	109	78 - 121%	---	---	
Trichloroethene (TCE)	1.90	---	0.0496	mg/kg dry	50	1.99	ND	96	77 - 123%	---	---	
Trichlorofluoromethane	2.10	---	0.198	mg/kg dry	50	1.99	ND	106	62 - 140%	---	---	
1,2,3-Trichloropropane	2.08	---	0.0992	mg/kg dry	50	1.99	ND	105	73 - 125%	---	---	
1,2,4-Trimethylbenzene	2.07	---	0.0992	mg/kg dry	50	1.99	ND	105	75 - 123%	---	---	
1,3,5-Trimethylbenzene	2.07	---	0.0992	mg/kg dry	50	1.99	ND	104	73 - 124%	---	---	
Vinyl chloride	1.90	---	0.0496	mg/kg dry	50	1.99	ND	96	56 - 135%	---	---	
m,p-Xylene	3.85	---	0.0992	mg/kg dry	50	3.97	ND	97	77 - 124%	---	---	
o-Xylene	1.99	---	0.0496	mg/kg dry	50	1.99	ND	100	77 - 123%	---	---	

Surr: 1,4-Difluorobenzene (Surr)	*Recovery: 96 %*	*Limits: 80-120 %*	*Dilution: 1x*
Toluene-d8 (Surr)	*103 %*	*80-120 %*	*"*
4-Bromofluorobenzene (Surr)	*95 %*	*79-120 %*	*"*

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Kevin Friscia, Project Manager

Apex Laboratories, LLC
6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J1097 - EPA 3546							**Soil**					
Blank (21J1097-BLK1)		Prepared: 10/29/21 07:17		Analyzed: 10/29/21 18:43								**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 97 %*		*Limits: 60-125 %*			*Dilution: 1x*					
LCS (21J1097-BS1)		Prepared: 10/29/21 07:17		Analyzed: 10/29/21 19:00								**C-07**
EPA 8082A												
Aroclor 1016	0.200	---	0.0100	mg/kg wet	1	0.250	---	80	47 - 134%	---	---	
Aroclor 1260	0.196	---	0.0100	mg/kg wet	1	0.250	---	78	53 - 140%	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 104 %*		*Limits: 60-125 %*			*Dilution: 1x*					

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Kevin Friscia, Project Manager

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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J1039 - EPA 3546							**Soil**					
Blank (21J1039-BLK1)		Prepared: 10/28/21 07:29 Analyzed: 10/28/21 11:33										
EPA 8270E SIM												
Acenaphthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)		*Recovery: 99 %*	*Limits: 44-120 %*		*Dilution: 1x*							
p-Terphenyl-d14 (Surr)		*109 %*	*54-127 %*		*"*							
LCS (21J1039-BS1)		Prepared: 10/28/21 07:29 Analyzed: 10/28/21 11:58										
EPA 8270E SIM												
Acenaphthene	0.740	---	0.0100	mg/kg wet	1	0.800	---	92	40 - 123%	---	---	
Acenaphthylene	0.749	---	0.0100	mg/kg wet	1	0.800	---	94	32 - 132%	---	---	
Anthracene	0.718	---	0.0100	mg/kg wet	1	0.800	---	90	47 - 123%	---	---	
Benz(a)anthracene	0.717	---	0.0100	mg/kg wet	1	0.800	---	90	49 - 126%	---	---	
Benzo(a)pyrene	0.708	---	0.0100	mg/kg wet	1	0.800	---	88	45 - 129%	---	---	
Benzo(b)fluoranthene	0.747	---	0.0100	mg/kg wet	1	0.800	---	93	45 - 132%	---	---	
Benzo(k)fluoranthene	0.825	---	0.0100	mg/kg wet	1	0.800	---	103	47 - 132%	---	---	
Benzo(g,h,i)perylene	0.746	---	0.0100	mg/kg wet	1	0.800	---	93	43 - 134%	---	---	
Chrysene	0.745	---	0.0100	mg/kg wet	1	0.800	---	93	50 - 124%	---	---	
Dibenz(a,h)anthracene	0.759	---	0.0100	mg/kg wet	1	0.800	---	95	45 - 134%	---	---	
Fluoranthene	0.697	---	0.0100	mg/kg wet	1	0.800	---	87	50 - 127%	---	---	
Fluorene	0.721	---	0.0100	mg/kg wet	1	0.800	---	90	43 - 125%	---	---	

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Kevin Friscia, Project Manager

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J1039 - EPA 3546									Soil			
LCS (21J1039-BS1)		Prepared: 10/28/21 07:29 Analyzed: 10/28/21 11:58										
Indeno(1,2,3-cd)pyrene	0.701	---	0.0100	mg/kg wet	1	0.800	---	88	45 - 133%	---	---	
Naphthalene	0.723	---	0.0100	mg/kg wet	1	0.800	---	90	35 - 123%	---	---	
Phenanthrene	0.737	---	0.0100	mg/kg wet	1	0.800	---	92	50 - 121%	---	---	
Pyrene	0.680	---	0.0100	mg/kg wet	1	0.800	---	85	47 - 127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)			*Recovery: 95 %*		*Limits: 44-120 %*				*Dilution: 1x*			
p-Terphenyl-d14 (Surr)			*99 %*		*54-127 %*				*"*			

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ANALYTICAL REPORT

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10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J1074 - EPA 3051A							Soil					
Blank (21J1074-BLK1)		Prepared: 10/28/21 13:47		Analyzed: 10/29/21 00:00								
EPA 6020B												
Cadmium	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	0.962	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (21J1074-BS1)		Prepared: 10/28/21 13:47		Analyzed: 10/29/21 00:13								
EPA 6020B												
Cadmium	50.7	---	0.200	mg/kg wet	10	50.0	---	101	80 - 120%	---	---	
Chromium	50.9	---	1.00	mg/kg wet	10	50.0	---	102	80 - 120%	---	---	
Lead	51.6	---	0.200	mg/kg wet	10	50.0	---	103	80 - 120%	---	---	

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 21J0799 - Total Solids (Dry Weight)								Soil				
Duplicate (21J0799-DUP1)		Prepared: 10/22/21 09:21		Analyzed: 10/25/21 07:39								
QC Source Sample: WSWPW-S1-5 (A1J0676-05)												
EPA 8000D												
% Solids	**74.3**	---	1.00	%	1	---	73.8	---	---	0.7	10%	
Duplicate (21J0799-DUP2)		Prepared: 10/22/21 09:21		Analyzed: 10/25/21 07:39								
QC Source Sample: NPW1-S1-5 (A1J0676-21)												
EPA 8000D												
% Solids	**74.5**	---	1.00	%	1	---	74.0	---	---	0.8	10%	

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

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ANALYTICAL REPORT

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10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J0823							
A1J0676-02	Solid	NWTPH-Dx	10/14/21 13:35	10/22/21 13:06	10.25g/5mL	10g/5mL	0.98
A1J0676-04	Solid	NWTPH-Dx	10/14/21 13:51	10/22/21 13:06	10.09g/5mL	10g/5mL	0.99
A1J0676-08	Solid	NWTPH-Dx	10/14/21 15:18	10/22/21 13:06	10.33g/5mL	10g/5mL	0.97
A1J0676-14	Solid	NWTPH-Dx	10/14/21 13:30	10/22/21 13:06	13.17g/5mL	10g/5mL	0.76
A1J0676-16	Solid	NWTPH-Dx	10/14/21 13:40	10/22/21 13:06	13.46g/5mL	10g/5mL	0.74
A1J0676-18	Solid	NWTPH-Dx	10/14/21 15:15	10/22/21 13:06	14.31g/5mL	10g/5mL	0.70
A1J0676-20	Solid	NWTPH-Dx	10/14/21 15:12	10/22/21 13:06	14.59g/5mL	10g/5mL	0.69
A1J0676-23	Solid	NWTPH-Dx	10/15/21 13:15	10/22/21 13:06	12.73g/5mL	10g/5mL	0.79
A1J0676-26	Solid	NWTPH-Dx	10/15/21 13:19	10/22/21 13:06	12.65g/5mL	10g/5mL	0.79
A1J0676-29	Solid	NWTPH-Dx	10/15/21 13:17	10/22/21 13:06	14.91g/5mL	10g/5mL	0.67
Batch: 21J0901							
A1J0676-11RE1	Solid	NWTPH-Dx	10/14/21 15:20	10/25/21 14:44	14.6g/5mL	10g/5mL	0.69

Diesel and/or Oil Hydrocarbons by NWTPH-Dx with Acid/Silica Gel Cleanup

Prep: EPA 3546 w/SG+Acid (NWTPH)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J0811							
A1J0676-05	Soil	NWTPH-Dx/SG	10/14/21 12:03	10/22/21 13:03	10.51g/5mL	10g/5mL	0.95
A1J0676-06	Soil	NWTPH-Dx/SG	10/14/21 14:08	10/22/21 13:03	10.39g/5mL	10g/5mL	0.96
A1J0676-09	Soil	NWTPH-Dx/SG	10/14/21 14:10	10/22/21 11:00	10.11g/5mL	10g/5mL	0.99
A1J0676-12	Soil	NWTPH-Dx/SG	10/14/21 12:08	10/22/21 11:00	10.12g/5mL	10g/5mL	0.99
A1J0676-21	Soil	NWTPH-Dx/SG	10/15/21 13:32	10/22/21 11:00	10.27g/5mL	10g/5mL	0.97
A1J0676-24	Soil	NWTPH-Dx/SG	10/15/21 13:38	10/22/21 11:00	10.22g/5mL	10g/5mL	0.98
A1J0676-27	Soil	NWTPH-Dx/SG	10/15/21 13:28	10/22/21 11:00	10.1g/5mL	10g/5mL	0.99
A1J0676-30	Soil	NWTPH-Dx/SG	10/15/21 13:30	10/22/21 11:00	10.21g/5mL	10g/5mL	0.98
A1J0676-31RE1	Soil	NWTPH-Dx/SG	10/15/21 13:25	10/22/21 11:00	10.14g/5mL	10g/5mL	0.99
A1J0676-32	Soil	NWTPH-Dx/SG	10/15/21 14:05	10/22/21 11:00	10.37g/5mL	10g/5mL	0.96
A1J0676-33	Soil	NWTPH-Dx/SG	10/15/21 14:00	10/22/21 11:00	10.22g/5mL	10g/5mL	0.98

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J0805							
A1J0676-01	Solid	NWTPH-Gx (MS)	10/14/21 13:35	10/18/21 19:20	1.28g/5mL	5g/5mL	3.91

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ORELAP ID: OR100062

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

SAMPLE PREPARATION INFORMATION

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A1J0676-03	Solid	NWTPH-Gx (MS)	10/14/21 13:51	10/18/21 19:20	2.03g/5mL	5g/5mL	2.46
A1J0676-05	Soil	NWTPH-Gx (MS)	10/14/21 12:03	10/14/21 12:03	4.3g/5mL	5g/5mL	1.16
A1J0676-06	Soil	NWTPH-Gx (MS)	10/14/21 14:08	10/14/21 14:08	4.36g/5mL	5g/5mL	1.15
A1J0676-07	Solid	NWTPH-Gx (MS)	10/14/21 15:18	10/18/21 19:20	2.6g/5mL	5g/5mL	1.92
A1J0676-09	Soil	NWTPH-Gx (MS)	10/14/21 14:10	10/14/21 14:10	4.07g/5mL	5g/5mL	1.23
A1J0676-10	Solid	NWTPH-Gx (MS)	10/14/21 15:20	10/18/21 19:20	2.57g/5mL	5g/5mL	1.95
A1J0676-12	Soil	NWTPH-Gx (MS)	10/14/21 12:08	10/14/21 12:08	3.87g/5mL	5g/5mL	1.29
A1J0676-21	Soil	NWTPH-Gx (MS)	10/15/21 13:32	10/15/21 13:32	4.14g/5mL	5g/5mL	1.21
A1J0676-24	Soil	NWTPH-Gx (MS)	10/15/21 13:38	10/15/21 13:38	1.68g/5mL	5g/5mL	2.98
A1J0676-27	Soil	NWTPH-Gx (MS)	10/15/21 13:28	10/15/21 13:28	3.45g/5mL	5g/5mL	1.45
A1J0676-30	Soil	NWTPH-Gx (MS)	10/15/21 13:30	10/15/21 13:30	5.03g/5mL	5g/5mL	0.99
A1J0676-31	Soil	NWTPH-Gx (MS)	10/15/21 13:25	10/15/21 13:25	2.93g/5mL	5g/5mL	1.71
A1J0676-32	Soil	NWTPH-Gx (MS)	10/15/21 14:05	10/15/21 14:05	4.58g/5mL	5g/5mL	1.09
A1J0676-33	Soil	NWTPH-Gx (MS)	10/15/21 14:00	10/15/21 14:00	3.45g/5mL	5g/5mL	1.45
Batch: 21J0839							
A1J0676-13	Solid	NWTPH-Gx (MS)	10/14/21 13:30	10/18/21 19:20	1.99g/5mL	5g/5mL	2.51
A1J0676-15	Solid	NWTPH-Gx (MS)	10/14/21 13:40	10/18/21 19:20	3.53g/5mL	5g/5mL	1.42
A1J0676-17	Solid	NWTPH-Gx (MS)	10/14/21 15:15	10/18/21 19:20	1.42g/5mL	5g/5mL	3.52
A1J0676-19	Solid	NWTPH-Gx (MS)	10/14/21 15:12	10/18/21 19:20	2.42g/5mL	5g/5mL	2.07
A1J0676-22	Solid	NWTPH-Gx (MS)	10/15/21 13:15	10/18/21 19:20	2.96g/5mL	5g/5mL	1.69
A1J0676-25	Solid	NWTPH-Gx (MS)	10/15/21 13:19	10/18/21 19:20	2.15g/5mL	5g/5mL	2.33
A1J0676-28	Solid	NWTPH-Gx (MS)	10/15/21 13:17	10/18/21 19:20	3.56g/5mL	5g/5mL	1.40

Volatile Organic Compounds by EPA 8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J0805							
A1J0676-31	Soil	5035A/8260D	10/15/21 13:25	10/15/21 13:25	2.93g/5mL	5g/5mL	1.71

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J1097							
A1J0676-31	Soil	EPA 8082A	10/15/21 13:25	10/29/21 07:17	10.43g/5mL	10g/5mL	0.96

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ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

SAMPLE PREPARATION INFORMATION

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E SIM

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J1039							
A1J0676-31	Soil	EPA 8270E SIM	10/15/21 13:25	10/28/21 10:22	10.24g/5mL	10g/5mL	0.98

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J1074							
A1J0676-31	Soil	EPA 6020B	10/15/21 13:25	10/28/21 13:47	0.501g/50mL	0.5g/50mL	1.00

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 21J0799							
A1J0676-05	Soil	EPA 8000D	10/14/21 12:03	10/22/21 09:21			NA
A1J0676-06	Soil	EPA 8000D	10/14/21 14:08	10/22/21 09:21			NA
A1J0676-09	Soil	EPA 8000D	10/14/21 14:10	10/22/21 09:21			NA
A1J0676-12	Soil	EPA 8000D	10/14/21 12:08	10/22/21 09:21			NA
A1J0676-21	Soil	EPA 8000D	10/15/21 13:32	10/22/21 09:21			NA
A1J0676-24	Soil	EPA 8000D	10/15/21 13:38	10/22/21 09:21			NA
A1J0676-27	Soil	EPA 8000D	10/15/21 13:28	10/22/21 09:21			NA
A1J0676-30	Soil	EPA 8000D	10/15/21 13:30	10/22/21 09:21			NA
A1J0676-31	Soil	EPA 8000D	10/15/21 13:25	10/22/21 09:21			NA
A1J0676-32	Soil	EPA 8000D	10/15/21 14:05	10/22/21 09:21			NA
A1J0676-33	Soil	EPA 8000D	10/15/21 14:00	10/22/21 09:21			NA

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ANALYTICAL REPORT

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10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

QUALIFIER DEFINITIONS

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

Apex Laboratories

C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
F-13	The chromatographic pattern does not resemble the fuel standard used for quantitation
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +3%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +4%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -16%. The results are reported as Estimated Values.
Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
S-05	Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
V-16	Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was not preserved within 48 hours of sampling.

Apex Laboratories

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Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported.

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

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

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

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

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

QC Source:

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

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

Miscellaneous Notes:

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

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

Blanks:

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

Apex Laboratories

Kevin Friscia, Project Manager

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Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Kevin Friscia, Project Manager

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

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation)
EPA ID: OR01039

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

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

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

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

Apex Laboratories

Kevin Friscia, Project Manager

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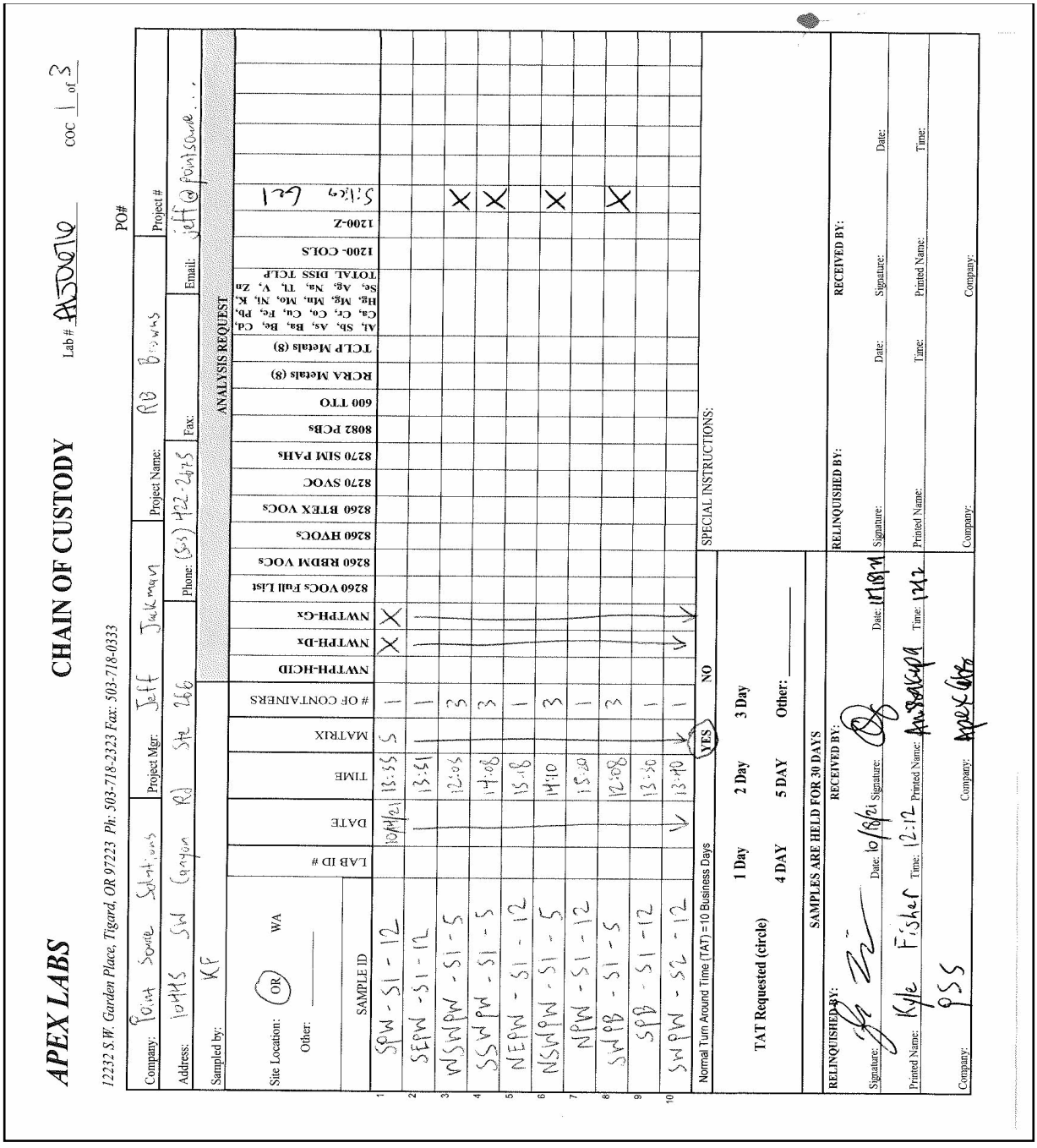
ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**



Apex Laboratories

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Kevin Friscia, Project Manager

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

APEX LABS — CHAIN OF CUSTODY

Lab # A1J0676 COC 2 of 3

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

Company: Point Source Solutions Project Mgr: Jeff Jackman Project Name: RB Browns Project #:
Address: 10445 SW Canyon Rd Ste 266 Phone: (503) 922.2673 Fax: Email: jeff@pointsource...
Sampled by: KF
Site Location: (OR) WA Other:

ANALYSIS REQUEST

#	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOC	8260 RBDM VOCs	8260 BTEX	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200-COLS	1200-Z	Silica Gel
1	NPB-SI-12		10/14/21	15:15	S	1		X	X													
2	NWPW-SI-12		10/14/21	15:12		1																
3	NPW1-SI-5		10/15/21	13:32		3																X
4	WTE-SI-7			15:15		1																
5	EPW-SI-5			13:58		3																X
6	ETE-SI-7			13:19		1																
7	PL2-SI-5			13:28		3																X
8	CTE-SI-7			13:17		1																
9	SPW1-SI-5			13:30		3																X
10	PL1-SI-5		↓	13:25	↓	3		↓	↓													X

Normal Turn Around Time (TAT) = 7-10 Business Days (YES) NO

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

SAMPLES ARE HELD FOR 30 DAYS

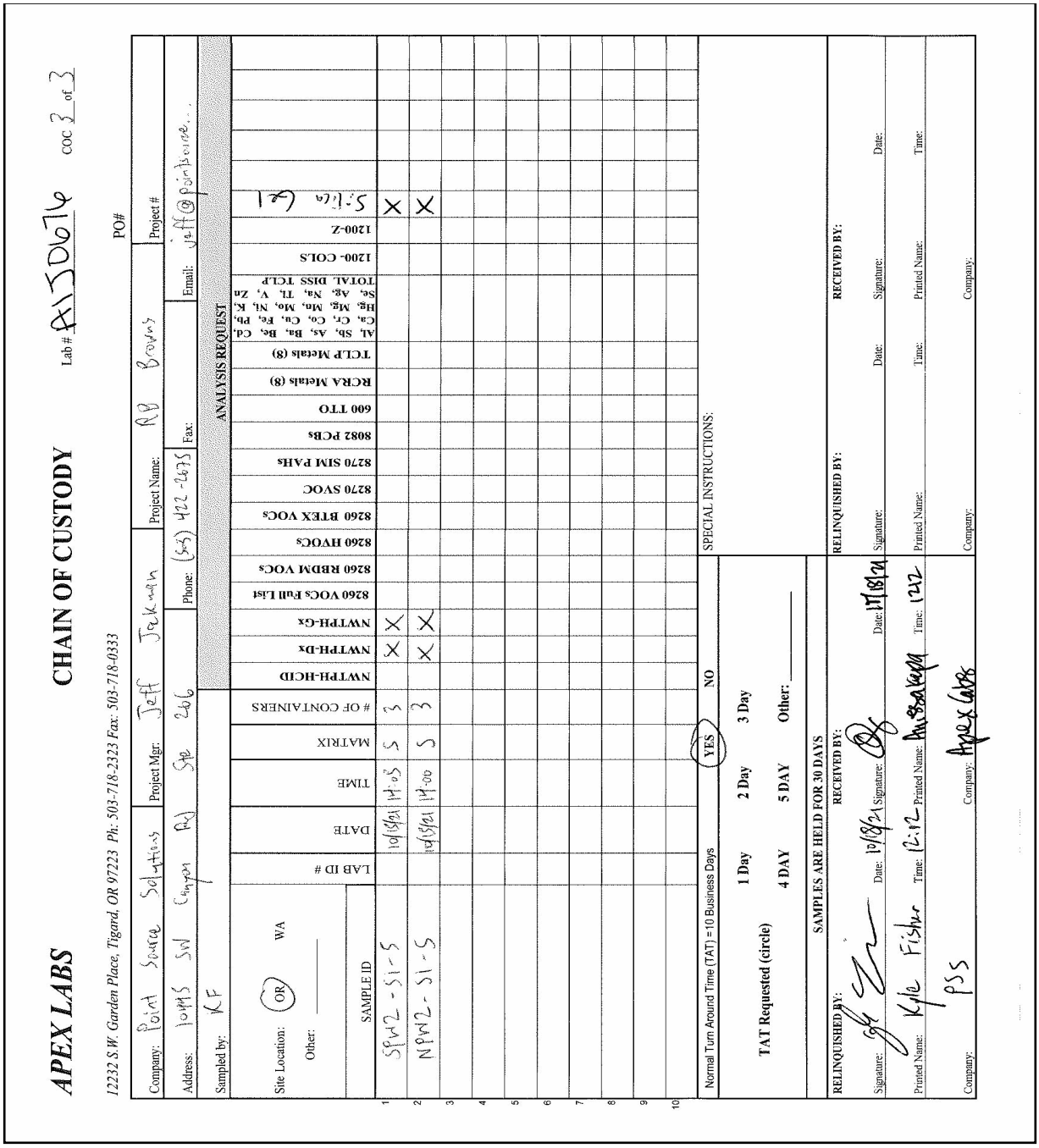
SPECIAL INSTRUCTIONS:

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 10/18/21	Signature: [signature] Date: 10/18/21	Signature: Date:	Signature: Date:
Printed Name: Kyle Fisher Time: 12:12	Printed Name: Anissakepa Time: 1212	Printed Name: Time:	Printed Name: Time:
Company: PSS	Company: Apex Labs	Company:	Company:

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**



APEX LABS — **CHAIN OF CUSTODY** — Lab # A13D676 — COC 3 of 3 — PO#

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

Company: Point Source Solutions — Project Mgr: Jeff Jackman — Phone: (503) 422-2675 — Project Name: RB Browns — Project #

Address: 10445 SW Canyon Rd Ste 246 — Fax: — Email: jeff@pointsource...

Sampled by: KF

Site Location: (OR) WA — Other: ____

	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z	Silica Gel
1	SPW2-S1-S		10/8/21	1405	S	3		X	X													X
2	NPW2-S1-S		10/8/21	1400	S	3		X	X													X
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Normal Turn Around Time (TAT) = 10 Business Days — YES (circled) / NO

SPECIAL INSTRUCTIONS:

TAT Requested (circle): 1 Day — 2 Day — 3 Day — 4 DAY — 5 DAY — Other: ____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: — RECEIVED BY:

Signature: — Date: 10/8/21 — Signature: — Date: 11/8/21

Printed Name: Kyle Fisher — Time: 12:12 — Printed Name: — Time: 1212

Company: PSS — Company: Apex Labs

RELINQUISHED BY: — RECEIVED BY:

Signature: — Date: — Signature: — Date:

Printed Name: — Time: — Printed Name: — Time:

Company: — Company:

Apex Laboratories

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Kevin Friscia, Project Manager

Apex Laboratories, LLC
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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Point Source Solutions, LLC	Project: **RB Browns**	
10445 SW Canyon Road Suite 266	Project Number: **[none]**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jeff Jackman**	**A1J0676 - 11 03 21 1139**

APEX LABS COOLER RECEIPT FORM

Client: Point Source Solutions Element WO#: A1J0676

Project/Project #: RB Browns

Delivery Info:

Date/time received: 10/18/21 @ 1212 By: AKK

Delivered by: Apex___Client X ESS___FedEx___UPS___Swift___Senvoy___SDS___Other_____

Cooler Inspection Date/time inspected: 10/18/21 @ 1212 By: AKK

Chain of Custody included? Yes X No _____ Custody seals? Yes_____ No X

Signed/dated by client? Yes X No _____

Signed/dated by Apex? Yes X No _____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.9	3.8					
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	Y	Y					
Ice type: (Gel/Real/Other)	Real	Gel					
Condition:	Good	Good					

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

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 10/18/21 @ 16:15 By: KEK

All samples intact? Yes X No ___ Comments:

Bottle labels/COCs agree? Yes X No ___ Comments:

COC/container discrepancies form initiated? Yes ___ No X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments:

Do VOA vials have visible headspace? Yes ___ No ___ NA X

Comments

Water samples: pH checked: Yes___No___NA X pH appropriate? Yes___No___NA X

Comments:

Additional information:

Labeled by: AK Witness: MAS Cooler Inspected by: AKK

Kevin Friscia, Project Manager

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

October 21, 2021

Ryan McHenry
Pump Pipe and Tank
P.O. Box 146
Talent, OR 97540
TEL: (541) 535-6542
FAX (541) 535-5557

RE: RB Brown Order No.: 21100603

Dear Ryan McHenry:

Neilson Research Corporation received 1 sample(s) on 10/15/2021 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Tamra Schmedemann
Senior Project Manager
245 S Grape St
Medford, OR 97501

Original

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Case Narrative

WO#: **21100603**
Date: **10/21/2021**

CLIENT: Pump Pipe and Tank
Project: RB Brown

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Analytical Comments for PCB_O, Sample MB-14541, Batch ID 14541 : The surrogate recovery in the MB (Method Blank) exceeded high recovery limits, but the surrogate recoveries in the associated samples are within limits. Data meets EPA/NELAP requirements.

NEILSON RESEARCH CORPORATION

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Analytical Report

WO#: **21100603**
Date Reported: **10/21/2021**

CLIENT: Pump Pipe and Tank
Lab ID: 21100603-01
Client Sample ID Used Oil/Water
Project: RB Brown
Sample Address:

Collection Date: 10/15/2021 9:00:00 AM
Received Date: 10/15/2021 11:24:00 AM
Matrix: OIL

Sample Location:

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
PCBS IN OIL									
Aroclor 1016	EPA 8082	A	ND	CU	1	0.967	mg/Kg		10/21/21 11:37 TJW
Aroclor 1221	EPA 8082	A	ND	CU	1	0.967	mg/Kg		10/21/21 11:37 TJW
Aroclor 1232	EPA 8082	A	ND	CU	1	0.967	mg/Kg		10/21/21 11:37 TJW
Aroclor 1242	EPA 8082	A	ND	CU	1	0.967	mg/Kg		10/21/21 11:37 TJW
Aroclor 1248	EPA 8082	A	ND	CU	1	0.967	mg/Kg		10/21/21 11:37 TJW
Aroclor 1254	EPA 8082	A	ND	CU	1	0.967	mg/Kg		10/21/21 11:37 TJW
Aroclor 1260	EPA 8082	A	ND	CU	1	0.967	mg/Kg		10/21/21 11:37 TJW
Surr: Decachlorobiphenyl	EPA 8082		86.4	CU	1	60 - 140	%Rec		10/21/21 11:37 TJW

QUALIFIERS

C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded
MI	Recovery outside comtrol limits due to Matrix Interference	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

NELAP NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

NEILSON RESEARCH CORPORATION

Neilson Research Corporation
245 S Grape St
Medford, OR 97501
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Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: **21100603**

21-Oct-21

Client: Pump Pipe and Tank
Project: RB Brown

TestCode: **PCB_O**

Sample ID: **MB-14541** SampType: **MBLK** TestCode: **PCB_O** Units: **mg/Kg** Prep Date: **10/19/2021** RunNo: **25384**
Client ID: **PBW** Batch ID: **14541** TestNo: **SW8082** **E3550** Analysis Date: **10/21/2021** SeqNo: **407373**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.994									CU
Aroclor 1221	ND	0.994									CU
Aroclor 1232	ND	0.994									CU
Aroclor 1242	ND	0.994									CU
Aroclor 1248	ND	0.994									CU
Aroclor 1254	ND	0.994									CU
Aroclor 1260	ND	0.994									CU
Surr: Decachlorobiphenyl	3.10		1.989		156	60	140				N CU

Sample ID: **LCS-14541** SampType: **LCS** TestCode: **PCB_O** Units: **mg/Kg** Prep Date: **10/19/2021** RunNo: **25384**
Client ID: **LCSW** Batch ID: **14541** TestNo: **SW8082** **E3550** Analysis Date: **10/21/2021** SeqNo: **407374**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	17.3	0.979	19.58	0	88.1	70	130				CU
Aroclor 1260	17.0	0.979	19.58	0	86.9	70	130				CU
Surr: Decachlorobiphenyl	2.07		1.958		106	60	140				CU

Sample ID: **21100603-01AMS** SampType: **MS** TestCode: **PCB_O** Units: **mg/Kg** Prep Date: **10/19/2021** RunNo: **25384**
Client ID: **Used Oil/Water** Batch ID: **14541** TestNo: **SW8082** **E3550** Analysis Date: **10/21/2021** SeqNo: **407376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	20.7	0.977	19.55	0	106	70	130				CU
Aroclor 1260	14.0	0.977	19.55	0	71.6	70	130				CU

Qualifiers:

C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded	MI	Recovery outside comtrol limits due to Matrix In
ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original

NEILSON RESEARCH CORPORATION

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245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: **21100603**

21-Oct-21

Client: Pump Pipe and Tank
Project: RB Brown

TestCode: **PCB_O**

Sample ID: **21100603-01AMS** SampType: **MS** TestCode: **PCB_O** Units: **mg/Kg** Prep Date: **10/19/2021** RunNo: **25384**
Client ID: **Used Oil/Water** Batch ID: **14541** TestNo: **SW8082** **E3550** Analysis Date: **10/21/2021** SeqNo: **407376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.68		1.955		86.0	60	140				CU

Sample ID: **21100603-01AMSD** SampType: **MSD** TestCode: **PCB_O** Units: **mg/Kg** Prep Date: **10/19/2021** RunNo: **25384**
Client ID: **Used Oil/Water** Batch ID: **14541** TestNo: **SW8082** **E3550** Analysis Date: **10/21/2021** SeqNo: **407377**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	19.5	0.989	19.78	0	98.6	70	130	20.70	5.99	25	CU
Aroclor 1260	14.4	0.989	19.78	0	72.8	70	130	14.00	2.82	25	CU
Surr: Decachlorobiphenyl	1.93		1.978		97.7	60	140		0	0	CU

Qualifiers:

C1	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded	MI	Recovery outside comtrol limits due to Matrix In
ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original

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Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Sample Log-In Check List

Client Name: **PumpPipeTank** Work Order Number: **21100603** RcptNo: **1**

Logged by:	**Haylee Crowe**	**10/15/2021 11:24:00 AM**	
Completed By:	**Tamra Schmedemann**	**10/15/2021 4:48:35 PM**	Tamra Schmedemann
Reviewed By:	**Tamra Schmedemann**	**10/15/2021 4:48:37 PM**	Tamra Schmedemann

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☐	No ☐	NA ☑
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
	No. Seal Date: Signed By:			
5.	Was an attempt made to cool the samples?	Yes ☐	No ☐	NA ☑
6.	Were all samples received at a temperature of >0° C to 6.0°C	Yes ☐	No ☐	NA ☑
7.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
8.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
9.	Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
10.	Was preservative added to bottles?	Yes ☐	No ☐	NA ☑ NA
11.	Is the headspace in the VOA vials less than 1/4 inch or 6 mm?	Yes ☐	No ☐	No VOA Vials ☑
12.	Were any sample containers received broken?	Yes ☐	No ☑	
13.	Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
15.	Is it clear what analyses were requested?	Yes ☑	No ☐	
16.	Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

NEILSON RESEARCH CORPORATION

Chain of Custody Record

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

RUSH

Section A
Required Client Information

Company:	Pump Pipe & Tank Services
Address:	PO BOX 146
	Talent Oregon
Email:	Accountspayable@pumppipetank.com
Phone:	541.535.6542 Fax:
Collected By (Print):	Ryan McHenry
Collected By (Sign):	
Email Report ☑	Mail Report ☐ Fax Report ☐

Section B
Required Project Information

Project Name:	RB Brown
Project Number:	
Report To:	Ryan McHenry
Copy To:	

Section C
Invoice Information

Attention:	Ryan McHenry
Company Name:	Pump Pipe & Tank
Address:	PO BOX 146
	Talent OR 97540
P.O. #	

Section D
Rush Status (Subject to Scheduling)

- ☐ Standard: 10 Business Days
- ☐ Priority: 5 Business Days (List × 1.50)
- ☒ Express: 3 Business Days (List × 1.75)
- ☐ Rush: 2 Business Days (List × 2.00)
- ☐ Rush: 1 Business Day (List × 2.50)
- ☐ Rush: Same Day (List × 3.00)

Authorized ☐ Yes ☐ No

Section E
Sample Information

NRC Workorder # (Lab Use Only): 21001003

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	PCB-0	Remarks / Field Data	NRC Sample # (Lab Use Only)
Used Oil/Water			10/15	9:00AM				1

*Matrix: **DW** - Drinking Water **WW** - Wastewater **W** - Water **S** - Soil/Solid **SL** - Sludge **O** - Oil **WP** - Wipe **OT** - Other

Section F
Relinquish/Receive

	Sign	Print	Date	Time
Relinquished By:	Addie McHenry	Addie McHenry	10/15/21	11:24 AM
Received By:				
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory:		A Crowe	10/15/21	1124

Section G
Lab Use Only

Temp:	MD
≤6°C:	___ Yes ___ No
Received on Ice:	___ Yes ___ No
Number of Bottles Received:	1
pH Checked:	n/a
COC Seals Intact:	___ Yes ___ No ___ NA
Field Blank Included:	___ Yes ___ No
Received Via	___ UPS ___ FedEx ___ Other ___ Hand
Payment:	___ Invoice ___ Cash ___ VISA, M/C ___ Check # ___ Amount ___

Effective 6/19/2020

NEILSON RESEARCH CORPORATION (NRC)
STANDARD TERMS AND CONDITIONS

Unless otherwise agreed in a formal contract, services provided by NRC are expressly limited to the terms and conditions stated herein.

Confidentiality: Strict confidentiality is maintained in all of our dealing with clients. Confidentiality agreements, therefore, are signed willingly. In any instance where information is subpoenaed and must be released to a regulatory or legal body, the client is promptly notified. Likewise, the client agrees to respect all such relationships of trust. Client agrees not to use NRC's name and/or data in any manner which might cause harm to the company's reputation and/or business.

Payment Terms: Payment in advance is required for all clients except those whose credit has been established with our company. For clients with NRC-approved credit, payment terms are net balance due 30 days from the date of invoice, after which time a 1½ % per month late charge is added to all unpaid balances. NRC has the right to ask for payment in advance if the established payment terms are not adhered to. In the event of default in payment for services rendered, the client is responsible for reasonable collection charges including any court costs and attorney's fees incurred by NRC.

Billing: All fees are charged or billed directly to the client. The billing of a third party is not accepted without a signed statement in which the third party acknowledges and accepts payment responsibility. *(Note: NRC is not responsible for re-collecting samples whose holding times have been exceeded due to late or unauthorized requests for third-party billing).* It is necessary for us to assume that the paperwork submitted with a sample describes the testing protocol desired. Any changes to this protocol must be submitted to NRC in writing. However, if changes are made after the originally requested testing is initiated or has been completed, the client must accept payment responsibility. We cannot be responsible for holding times that are exceeded due to such changes. Please send all requests for changes marked: "Client Service—URGENT!" Our fax number is (541) 770-2901.

Fee Discounts: Economy-of-scale discounts are available and are determined by the number of samples and the nature and spectrum of the requested analyses. For established clients, discount rates are reevaluated annually, and a new rate is applied to future invoices based upon the previous year's volume of work, type of analyses, ease of scheduling, and work continuity. For clients with intermittent analytical needs, discounts may be extended based upon the quantity of work submitted at one time ($1000 -$4900 = 5/10 net 30, $5000+ = 10/10 net 30). All discounts are contingent upon meeting payment terms. NRC reserves the right to drop discounts on late payments. No discounts apply to services provided by hourly rate, supplies, equipment used, subcontractors, etc.

Rush Analyses: A surcharge is added to the list fee if rapid turnaround time (TAT) is requested. The surcharge for rush TAT will be List x 1.5 for 5-day TAT, List x 1.75 for 3-day TAT, List x 2 for 1-2 business days, and List x 3 for weekends and holidays. Standard TAT is 10 working days. Rush analysis service is contingent upon laboratory workload and must be prearranged with NRC. However, any sample delivered after 3:00 p.m. will not be entered in to our rush analyses handling system until the next business day.

Hazardous Materials/Substances/Wastes: Unused portions of samples found or suspected to be hazardous according to state or federal guidelines shall be picked up by the client upon completion of the analytical work. The cost of returning the sample or for disposal shall be invoiced to the client. The sample and portions thereof remain the property of the client at all times. *(Note: For the protection of laboratory personnel, samples which might present health hazards, such as those containing high levels of toxic materials, must be clearly marked and identified.)*

Reports: NRC prohibits use of its name in connection with any unauthorized conclusions based on its reports without its prior written consent.

Special Reports: Additional charges may be necessary for customized reports which differ significantly from the NRC format. No reports or copies thereof will be sent to anyone other than the client unless the client formally requests us to do so in writing.

Litigation: All costs associated with compliance to any subpoena for documents, for testimony in a court of law, or for any other purpose relating to work performed by NRC, in connection with work performed for that client shall be paid by the client. Such costs shall include, but are not limited to, hourly charge for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

Warranty and Limits of Liability: In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. We disclaim any other warranties, expressed or implied, including a Warranty of Fitness for Particular Purpose and Warranty of Merchantability. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by the company which includes any condition that varies from this Standard Terms and Conditions, and NRC hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Retention of Samples: After the analytical results have been reported to the address indicated on the reverse of this form, samples are routinely retained in our storage facilities according to the following schedule. Hazardous samples will be picked up by the client or returned to the client immediately after analysis. Prior arrangements must be made if samples are to be held for periods longer than those indicated. NRC may charge a monthly fee for long-term storage. Unrefrigerated long-term storage is available at $10.00 per sample per month.

Sample type	Retention Time
Hazardous None	(Client deliver and pick up)
All other samples	1 month

(Note: Water tested for Total Coliforms is discarded immediately after the analysis)

Retention of Reports: After analytical results have been reported to the client, NRC shall retain copies of such analytical reports for a minimum of five years. If a client requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

Sample Containers/Sample Collection: We will provide and ship the appropriate sample containers *to our clients* to return to NRC for analysis, at no charge, via non-priority shipping status. Clients requesting overnight or rush delivery of sample containers will be invoiced for the associated charges. NRC personnel are available for the on-site collection of samples and can explain sample collection procedures and techniques to clients. It is the responsibility of the client to ensure proper sampling and to bear the cost of delivering samples to the laboratory under the proper storage/preservation conditions. We cannot be held responsible for sample integrity unless the sampling has been performed by a member of our staff.

Analytical Service Orders: Requests for analytical services may be made by telephone, fax, or in writing. The client must confirm all requests for services in writing. We cannot be responsible for holding times that are exceeded for samples delivered on weekends or after 5:00 p.m. on weekdays if delivery is made without prior notification and approval. NRC reserves the right to refuse to proceed with an analytical request if the client fails to provide acceptable written analytical request or to establish a customer credit agreement.

Prior to submission of environmental samples, the client should develop an appropriate QA/QC plan. This plan should identify, among other items the intent of the project, sample collection and preservation requirements, types of QC samples that are required (e.g. matrix spikes, matrix spike duplicates, field blanks, transfer blanks), laboratory analyses/methods to be performed, minimum data reporting requirements and required sample TAT. This plan should be submitted to NRC prior to sample submission. Unless such a plan is submitted, NRC shall not be responsible for project-specific QA/QC requirements. NRC personnel can assist in the preparation of project QA/QC plans.

Additional QC samples which might be requested, and which we consider "project-specific," are billed at the applicable unit price for the test(s). Such additional charges will apply to project-specific QA/QC samples for batches with fewer than ten samples, and to field/trip/transfer QA/QC samples. Samples with multiple phases (e.g. water/oil) will have each phase processed, analyzed, and billed as a distinct entity unless instructions accompanying the sample specify otherwise.

When requested, NRC may release verbal or fax results in advance of the written report of results. Such results are only tentative and are subject to subsequent confirmation or modification during standard NRC QA/QC review procedures.

Severability: If in any judicial proceeding, a court shall refuse to enforce all the provisions stated above, the scope of any unenforceable provision shall be deemed modified and diminished to the extent necessary to render such provision valid and enforceable. In any event, the validity or enforceability of any such provision shall not affect other provisions stated above, and the terms and conditions shall be construed and enforced as if such provision had not been included.

Submission of samples is deemed acceptance of the terms and conditions stated above.

NEILSON RESEARCH CORPORATION

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Data Flags

WO#: **21100603**
Date: **10/21/2021**

B Analyte detected in the associated method blank.
BA BOD Alternative Calculation: The initial results performed by Standard Methods did not fall within parameters of the Standard Methods calculation. An alternate approved calculation was performed using the HACH method and the value reported is an estimated concentration.
C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
CF Results confirmed by re-analysis.
CU Cleanup performed as specified by method.
D1 The diesel elution pattern for the sample is not typical.
D2 The sample appears to be a heavier hydrocarbon range than diesel.
D3 The sample appears to be a lighter hydrocarbon range than diesel.
D4 Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
D5 Detected hydrocarbons in the diesel range appear to be weathered diesel.
E Estimated value.
ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
G1 The gasoline elution pattern for the sample is not typical.
G2 The sample appears to be a heavier hydrocarbon range than gasoline.
G3 The sample appears to be a lighter hydrocarbon range than gasoline.
G4 Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
HP Sample re-analysis performed outside of method specified holding time.
HR Sample received outside of method specified holding time.
HS Sample analyzed for volatile organics contained headspace.
HT At the client's request, the sample was analyzed outside of method specified holding time.
H Analysis performed outside of method specified holding time.
J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
N See Case Narrative on page 2 of report.
NLR No Legionella Recovered.
PLR Presence of Legionella Recovered.
Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
R Relative percent difference (RPD) is outside of the accepted recovery limits.
R1 Relative percent difference (RPD) is outside of the accepted recovery limits. However, analyses are not controlled on RPD values for sample concentrations that are less than the reporting limit.
R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
R4 Duplicate analysis failed due to result being at or near the method reporting limit.
S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
SC Sub-contracted to another laboratory for analysis.
SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
Value exceeds regulatory level for TCLP contaminant.
X1 The motor oil elution pattern for the sample is not typical.
X2 The sample appears to be a heavier hydrocarbon range than motor oil.
X3 The sample appears to be a lighter hydrocarbon range than motor oil.
* Value exceeds Maximum Contaminant Level or is outside the acceptable range.