Volume 6 of 6:
Appendices M through Q
Important Information

SUBMITTED TO:
PACCAR Inc

BY:
Shannon & Wilson
400 N. 34th Street, Suite 100
Seattle, WA 98103

(206) 632-8020
www.shannonwilson.com

FINAL COMPLIANCE MONITORING REPORT

Remedial Excavations

8801 EAST MARGINAL WAY S., TUKWILA, WASHINGTON
AGREED ORDER NO. 6069

SHANNON & WILSON

October 17, 2023

Shannon & Wilson No: 108056-004

APPENDIX M: EPA APPROVAL OF RISK-BASED CLEANUP AND DISPOSAL OF PCBS

Appendix M

EPA Approval of Risk-Based Cleanup and Disposal of PCBs at Area 4

CONTENTS

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 155
Seattle, WA 98101

LAND, CHEMICALS &
REDEVELOPMENT
DIVISION

March 9, 2023

Mr. Brian Haderlie
PACCAR Inc
777 106th Avenue NE
Bellevue, Washington 98004

Subject: Approval of Risk-Based On-Site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at the CenterPoint Properties Area 4 Site, 8801 East Marginal Way South, Tukwila, Washington, pursuant to 40 CFR § 761.61(a) and (c) EPA ID: WAD 00924 9509

Dear Mr. Haderlie:

The U.S. Environmental Protection Agency, Region 10, has reviewed the Application for Risk-Based Disposal Approval (Application) submitted by Shannon & Wilson on behalf of PACCAR Inc. The review included an evaluation of the Compliance Monitoring Report (CMR) submitted after completion of the cleanup. The purpose of the Application was to request approval for the excavation, verification, and disposal of polychlorinated biphenyl remediation waste at Area 4 of the property located at 8801 East Marginal Way South in Tukwila, Washington (Site).[1] This request was made in accordance with the regulations at 40 CFR § 761.61(a) and (c).

The Area 4 excavation was conducted to remove PCBs present in former backfill material that exceeded PACCAR's desired PCB cleanup level of 0.5 milligrams per kilogram. The excavation took place from August 15 to September 1, 2022, and covered approximately 12,080 square feet, with the bottom of the excavation extending between 6 and 15 feet below the ground surface. A total of 3,683 tons of soil were disposed of at Waste Management's Columbia Ridge Landfill in Arlington, Oregon. A total of 63 confirmation soil samples were taken from the excavation sidewalls and bottom. None of the verification samples contained PCBs at concentrations exceeding the EPA's unrestricted use cleanup level of 1 ppm for bulk PCB remediation waste, thus indicating that no further remediation is required within the Area 4 excavation boundary.

The June 30, 2022 Application and the December 9, 2022 CMR provide adequate basis for approval of the cleanup in accordance with 40 CFR § 761.61(a), with one exception: the soil sampling conducted during the cleanup verification process did not fully comply with the regulations at Subpart O of 40 CFR Part 761. Accordingly, the Application requested that the EPA approve the soil sampling methodology under 40 C.F.R. § 761.61(c). After evaluating the alternative sampling design proposed in the Application and documented in the CMR, the EPA has determined that it does not pose an unreasonable risk to human health or the environment. The EPA hereby approves the cleanup under 40 CFR § 761.61(a) and the alternative sampling procedure under 40 CFR § 761.61(c).

[1] Figure 2 of Shannon & Wilson's June 30, 2022 Application for Risk-Based PCB Remediation Waste Removal delineates the location of Area 4 at the Site.

This Approval only applies to the remediation activities conducted in Area 4 of the subject property and does not relieve you of your duty to comply with all other applicable federal, state, and local requirements.

If you have any questions, please contact Brett Feldhahn, of my staff, at (206) 553-2899 or feldhahn.brett@epa.gov.

Sincerely,

TIMOTHY HAMLIN

Digitally signed by TIMOTHY HAMLIN
Date: 2023.03.09 13:25:44 -08'00'

Timothy B. Hamlin
Director

APPENDIX N: CENTERPOINT REPORT ON REMOVAL OF PCB-CONTAMINATED

Appendix N

CenterPoint Report on Removal of PCB-Contaminated Caulk and Concrete

CONTENTS

Cleanup Completion Summary Report for Removal of PCB Contaminated Caulk and Concrete

8801 East Marginal Way South Tukwila, Washington

Prepared for

Dickson Company

by

Sound Environmental Solutions, inc.

P.O. Box 731082, Puyallup, WA 98373
Phone (253) 841-2314 • Fax (253) 435-4881 • Cell (253) 212-6903

Cleanup Completion Summary Report
for Removal of PCB Contaminated Caulk and Concrete
8801 East Marginal Way South
Tukwila, Washington

Table of Contents

List of Figures

List of Tables

1.0 Introduction/Background

This cleanup completion summary report has been prepared by Sound Environmental Solutions, Inc. on behalf of CenterPoint Properties to document completion of On-Site Cleanup and Disposal of Polychlorinated Biphenyl (PCB) and PCB Bulk Remediation Waste.

The CenterPoint site located at 8801 East Marginal Way South was originally used by PACCAR/Kenworth Trucks to manufacture trucks from 1946 to approximately 2002. Beginning in 2004, the site was used for storage and auction of damaged and wrecked vehicles.

Agreed Order No. 6909 was established between the Washington State Department of Ecology, PACCAR Inc., and Merrill Creek Holdings, LLC on November 14, 2008 to remediate contamination at the site from previous use. Remediation as the site has been on-going since the Agreed Oder was established. In 2014, CenterPoint purchased the property located at 8801 East Marginal Way South from Merrill Creek Holdings. Agreed Order No. 6909 was modified to replace Merrill Creek Holdings with CenterPoint 8801 Marginal LLC.

The Interim Action Work Plan prepared for the site by Shannon & Wilson (reference 2) included a requirement to develop and implement a plan to remove PCB contaminated asphalt based seam sealant used to seal joints in concrete slabs forming a portion of the north driveway (fire lane) on the north side of the property. The purpose of the removal was to reduce the impact on PCB contamination found in two (2) groundwater monitoring wells located in the vicinity of the north fire lane.

A specification for removal of the PCB contaminated seam sealant and adjacent concrete was prepared by Shannon & Wilson in 2021 (reference 3). CenterPoint then requested approval from EPA Region X to perform the PCB remediation. Approval from the EPA was granted on January 6, 2022 (reference 4).

After approval was received from EPA Region X, the remediation action was conducted. This summary report has been prepared to document completion of the work covered in the approval and is limited solely to work done to remove the PCB contaminated sealant and adjacent concrete as required in the specification.

2.0 Site Characterization

Initial site characterization performed by others in 2011 found that the concrete seam sealant (caulk) in the north fire lane contained PCBs up to 11.8 milligrams per kilogram (mg/kg) (Reference 1).

Additional samples of the caulk were collected by Dickson Co. in August and October 2021 with similar results. During the preparation of the sampling and analysis plan it was

determined that lab had not validated the extraction method used for those samples. For this reason, the caulk was presumed to PCB bulk product containing more than 50 mg/kg PCBs.

No additional samples of the caulk were collected.

3.0 Notification and Certification

Formal thirty day notification of on-site cleanup and disposal of the PCB caulk and associated contaminated concrete was provided to US EPA Region 10 on December 2, 2021. The notification included a request for approval of the cleanup in accordance with 40 CFR 761.61 (a) and (c), the cleanup work plan, and the Sampling and Analysis Plan.

Approval under 40 CFR 761.61 (c) was required because the site layout did not permit verification sampling in a grid fashion as required in 40 CFR 761.61 (a). Approval was granted by EPA on January 6, 2022.

Copies of the notification letter, the cleanup work plan, the Sampling and Analysis Plan and the EPA approval letter are included in Appendix C.

4.0 Task Cleanup Levels

The proposed cleanup level for the concrete adjacent to the removed PCB contaminated caulk and concrete was 1.0 mg/kg. This cleanup limit only applied to the remaining concrete, and did (does) not apply to any other remediation work at the site.

5.0 Site Cleanup

The north fire lane was used as a haul road to transport soil around the site in the weeks prior to cleanup work. As a result, a substantial amount of soil had accumulated on the north fire lane. Before the cleanup work began, the soil was removed by a sweeper.

After the soil covering the fire lane was removed, saw cuts were made along the PCB contaminated seams identified in the specification in accordance with the work plan. The seams included one seam running east to west that was about 425 feet long. There were thirty-nine short seams on the north side of the fire lane that ranged from about 2 feet to about 10 feet in length.

Copies of field drawings prepared by the Shannon & Wilson engineer at the site showing the approximate lengths and dimensions of the seams are in Figure 3 included in Appendix A.

After the saw cuts were completed, the PCB caulk and contaminated concrete were removed using an excavator and a skid steer Bobcat and placed directly into containers provided by the disposal site in accordance with the work plan. Decontamination waste was also disposed in the waste containers.

A total of 25 tons of PCB contaminated materials were disposed at Roosevelt Regional Municipal Solid Waste Landfill located at 500 Roosevelt Grade Road, Roosevelt, Washington.

Copies of the waste profile, the disposal manifests for the two containers signed by the landfill, and the disposal invoice documenting when the material was received at the disposal site are included in Appendix D.

6.0 BMP Documentation

Section 6 of ASTM Standard E2893, Standard Guide for Greener Cleanups was reviewed for Best Management Practices (BMPs) as requested in the EPA approval letter dated January 6, 2022. These BMPs are organized into nine categories that address five core elements for twelve remediation technologies.

The remediation technology determined to be applicable to this cleanup was Excavation and Surface Restoration. The other eight technologies did not apply.

BMP categories that applied to the cleanup were Building, Materials, Power and Fuel, Project Planning and Team Management, Residual Solid and Liquid Waste, Sampling and Analysis; and Vehicles and Equipment.

The BMPs implemented for this cleanup included using a local laboratory, recycling uncontaminated concrete, using dedicated sampling materials, using biodegradable materials rather than organic solvents; vehicle idling reduction and ultra-low sulfur diesel fuel.

Table 2 in Appendix B provides documentation for Greener Cleanup BMPs used and other BMPs considered but not used.

7.0 Verification Sampling

After removal of the contaminated caulk and adjacent concrete was completed, verification samples were collected from the vertical faces of the remaining concrete slabs in accordance with the Sampling and Analysis Plan.

Four (4) verification samples were collected from the sides of the short seams. Eight (8) verification samples and one (1) field duplicate sample were collected from the vertical face of the remaining concrete slabs along the long seam. Figure 3 in Appendix A shows sample locations.

No PCBs were detected in any of the verification samples. A copy of the laboratory analysis report is in Appendix E. The data validation letter is in Appendix F.

8.0 Limitations

This cleanup completion report has been prepared to document completion of cleanup of the PCB containing caulk and associated concrete in the north fire lane as required in Task C of AO No. 6906. It has been prepared solely for removal of the caulk and associated concrete and is not intended and does not address any other remediation work required under AO No. 6906 or any other action for soil and groundwater underlying the concrete of for any other contaminants that may be present at the site.

9.0 References

1. Shannon & Wilson, Final Feasibility Study, 8801 East Marginal Way S, Tukwila, WA: prepared by Shannon & Wilson, Inc., Seattle, Wash., for PACCAR Inc, Bellevue, WA, July 27, 2020.

2. Shannon & Wilson, Final interim action work plan, 8801 East Marginal Way S, Tukwila, WA: Report prepared by Shannon & Wilson, Inc., Seattle, Wash., for PACCAR Inc, Bellevue, WA, July 27, 2020.

3. Shannon & Wilson, Specification for Removal of Polychlorinated Biphenyl-Containing Caulking in Concrete Paving Joints at a Designated Work Area of the 8801 Property, Agreed Order 6069: prepared by Shannon & Wilson, Inc., Seattle, Wash., for PACCAR Inc, Bellevue, WA, March 16, 2021

4. EPA Region 10, Approval of On-Site Cleanup and Disposal of Polychlorinated Biphenyl (PCB) and PCB Bulk Remediation Waste at 8801 Marginal Way South, Tukwila WA 98108 pursuant to 40 CFR §761.61(a) and (c), January 6, 2022

5. EPA Region 1 Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs), May 2011

6. TSCA 40 CFR 761.61, Subpart D, Subpart O, Subpart N

7. EPA SW-846.3-3, Test Methods for Evaluating Solid Waste: Physical/Chemical Methods

Appendix A Figures

= approximate limits of PCM contaminated concrete seams
= approximate limits of 8801 E Marginal Way South property

Sound Environmental Solutions, inc.
PO Box 731082 Puyallup, WA 98373
T 253.841.2314 F 253.435.4881

Site Map
CenterPoint Seattle
Removal of PCB Caulk and Concrete
8801 E Marginal Way South
Tukwila, Washington

Date

March 25, 2022

Figure 1

Figure 2 S&W Field Drawings of Concrete Seams with PCB Caulk

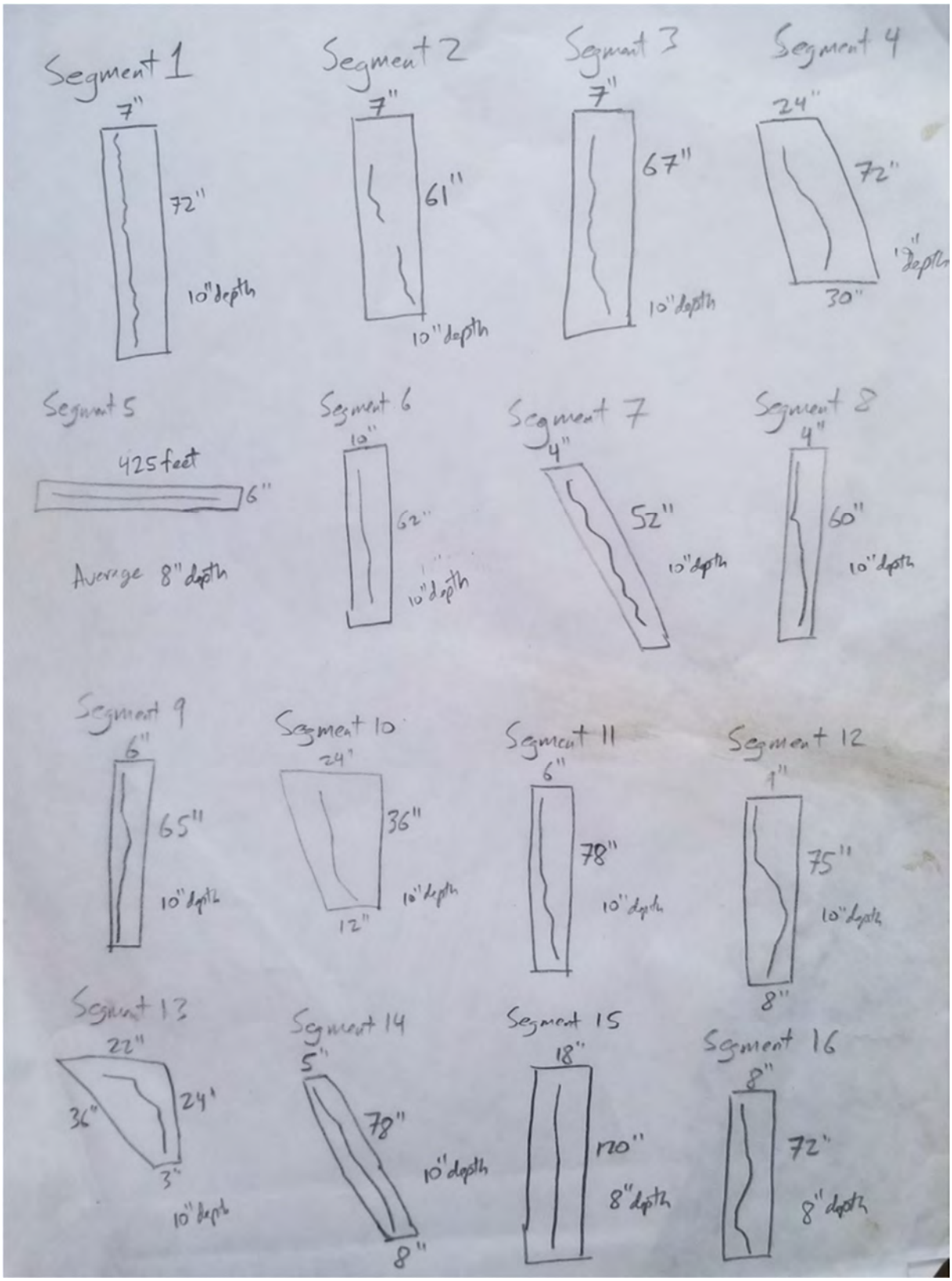


Figure 2 S&W Field Drawings of Concrete Seams with PCB Caulk

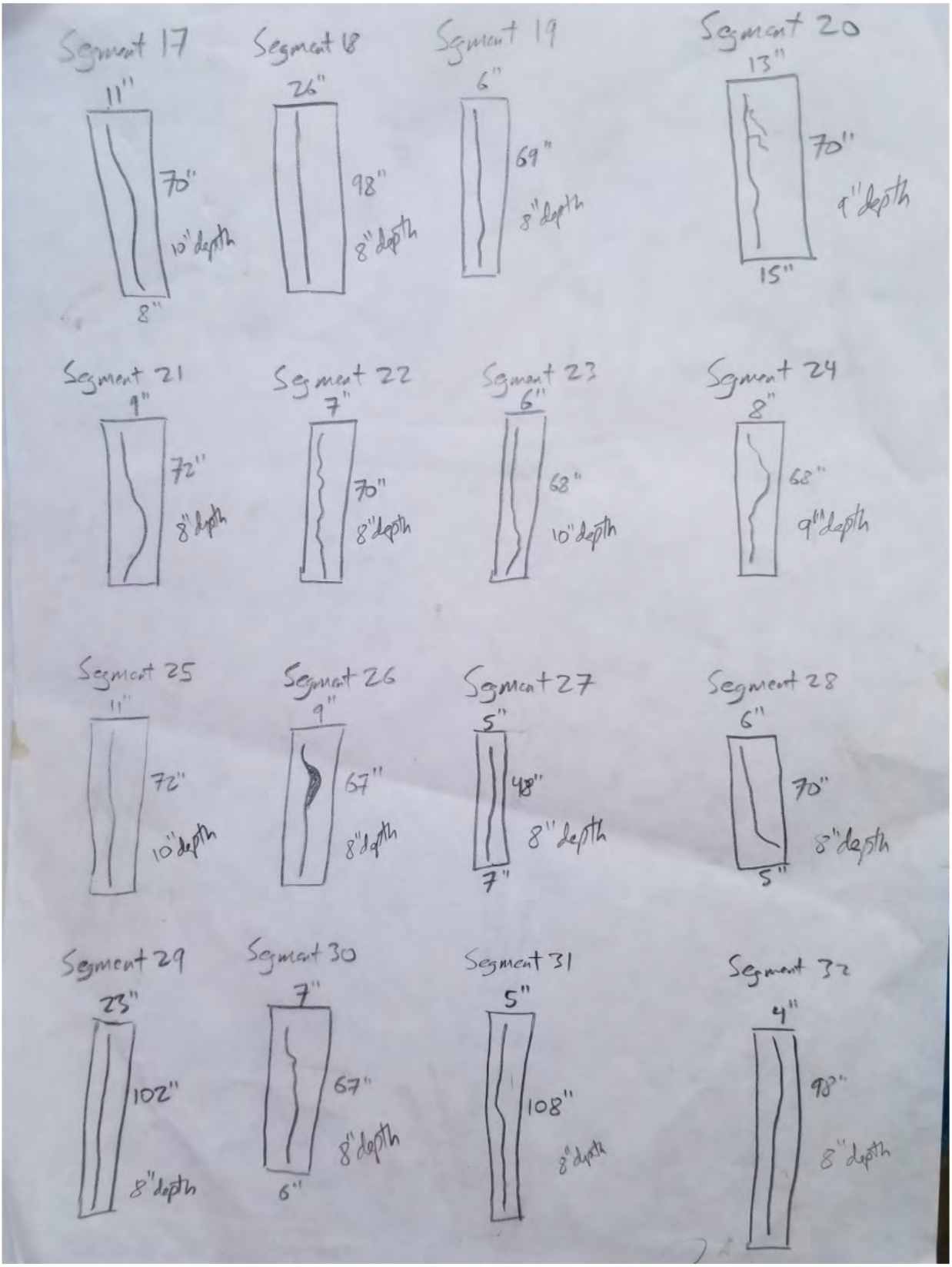
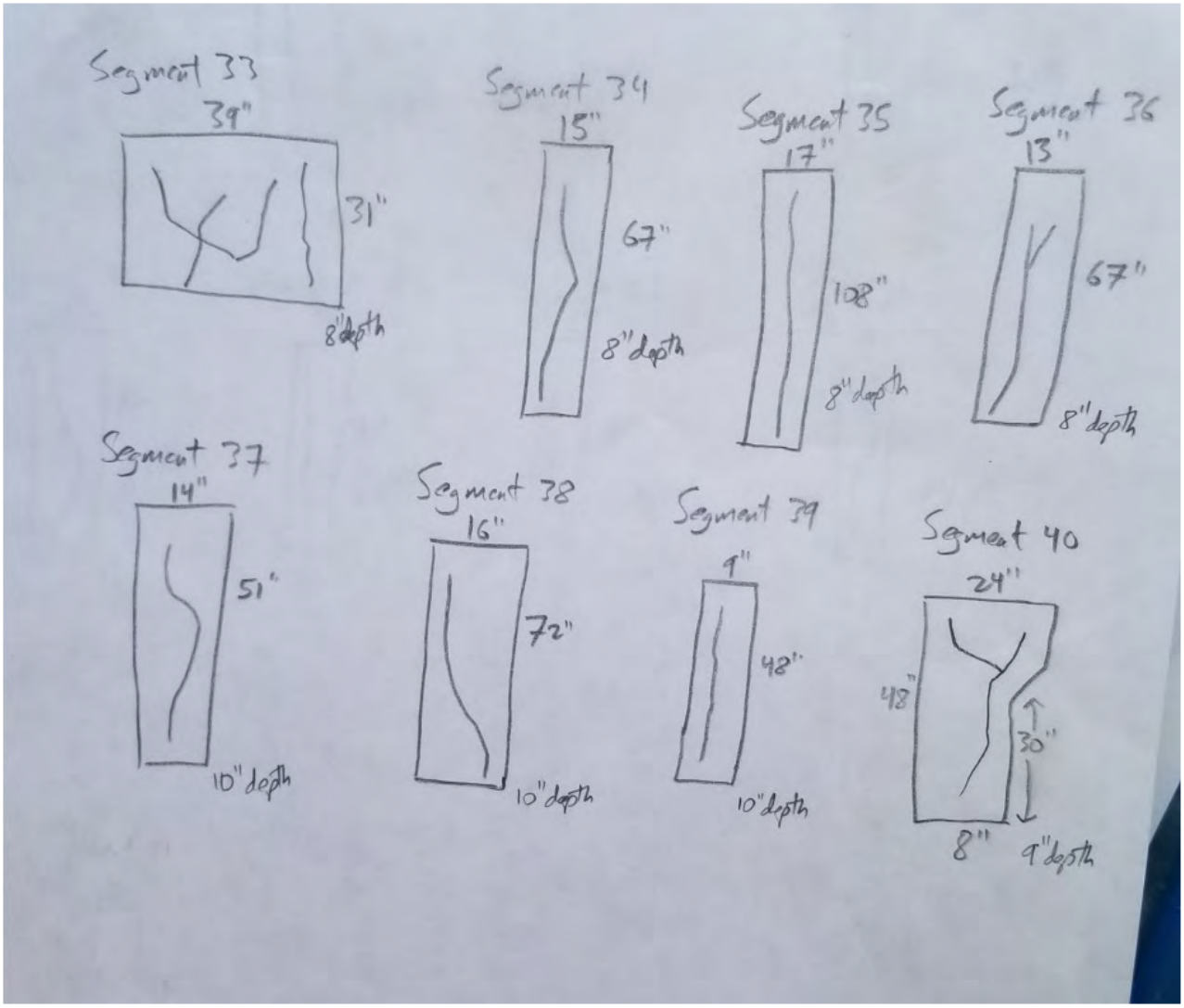


Figure 2 S&W Field Drawings of Concrete Seams with PCB Caulk

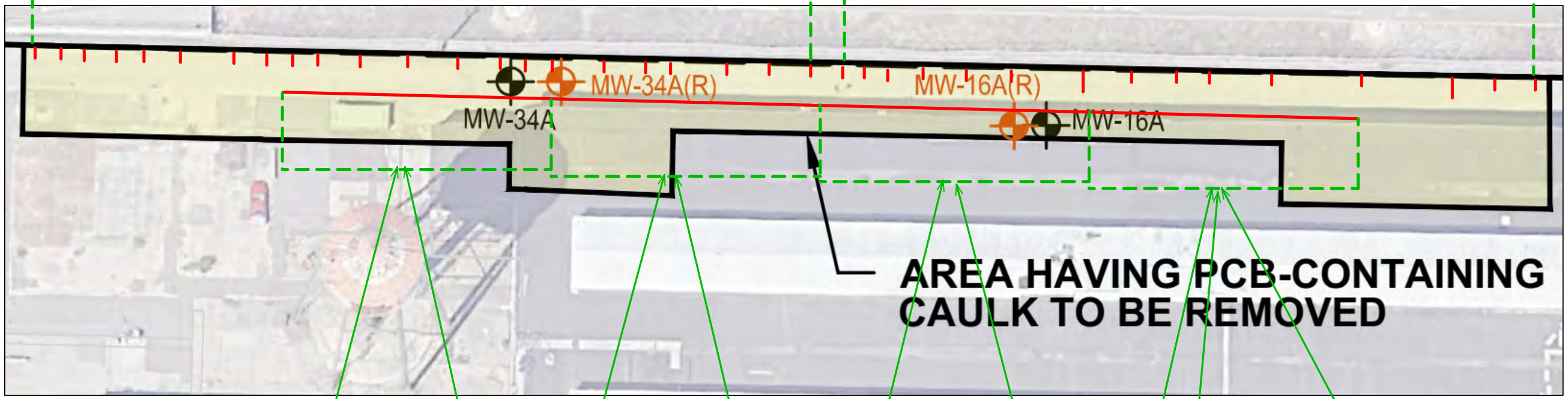


C-4	S-4 W SIDE SMALL SEAMS
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-3	S-3 E SIDE SMALL SEAMS
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-2	S-2 W SIDE SMALL SEAMS
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-1	S-1 E SIDE SMALL SEAMS
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg



C-11	S-11 N SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.1 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-9	S-9 N SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-7	S-7 N SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.1 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-5A	DUPLICATE OF C-5
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.1 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-5	S-5 N SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-12	S-12 S SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.1 mg/kg
Aroclor 1260	<0.1 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-10	S-10 S SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.1 mg/kg
Aroclor 1260	<0.1 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-8	S-8 S SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.1 mg/kg
Aroclor 1260	<0.1 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

C-6	S-6 S SIDE LONG SEAM
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

NOT TO SCALE

LEGEND

= CONCRETE COMPOSITE SAMPLE RESULTS & LOCATION

C-1	E SIDE SMALL SEAMS
COGENER	RESULT
Aroclor 1221	<0.02 mg/kg
Aroclor 1232	<0.02 mg/kg
Aroclor 1016	<0.02 mg/kg
Aroclor 1242	<0.02 mg/kg
Aroclor 1248	<0.02 mg/kg
Aroclor 1254	<0.02 mg/kg
Aroclor 1260	<0.02 mg/kg
Aroclor 1262	<0.02 mg/kg
Aroclor 1268	<0.02 mg/kg

N

SHEET NO. FIGURE 3

DATE 01/20-24/2022

TITLE CONCRETE SEAM COMPOSITE SAMPLE LOCATIONS

PROJECT
CENTERPOINT
8801 E MARGINAL WAY S
TUKWILA, WA

PREPARED BY
SOUND ENVIRONMENTAL SOLUTIONS, INC.
PO BOX 731082
PUYALLUP, WA 98373

Appendix B Tables

Table 1
PCB in Concrete Sample Analytical Results
CenterPoint, 8801 East Marginal Way South, Tukwila, Washington

			Aroclor 1221	Aroclor 1232	Aroclor 1016	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268
Sample ID	Sample Date	Section	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
C-1	01/20/2022	S-1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-2	01/21/2022	S-2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-3	01/21/2022	S-3	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-4	01/21/2022	S-4	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-5	01/21/2022	S-5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-5A	01/21/2022	S-5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1†	<0.02	<0.02	<0.02
C-6	01/21/2022	S-6	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-7	01/21/2022	S-7	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1†	<0.1†	<0.02	<0.02
C-8	01/24/2022	S-8	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-9	01/24/2022	S-9	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
C-10	01/24/2022	S-10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1†	<0.1†	<0.02	<0.02
C-11	01/24/2022	S-11	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1†	<0.02	<0.02	<0.02
C-12	01/24/2022	S-12	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1†	<0.1†	<0.02	<0.02

Cleanup limit for PCBs in concrete is 1.0 mg/kg, per 40 CFR 761.61 and EPA Region 10 January 6, 2022 Approval
† = reporting limit raised due to interfering compounds present in sample
mg/kg = milligrams per kilogram

Table 2
Greener Cleanup BMPs, PCB Caulk and Concrete Cleanup
CenterPoint, 8801 East Marginal Way South, Tukwila, Washington

Category	Best Management Practice	Energy	Air	Water	Materials and waste	Land and Ecosystems	BMP Used?	Comments
Building	Use graywater collection systems at onsite buildings for water during cleanup activities, to minimize freshwater use			x			No	Not feasible, building location too far from work site, limited amount of time on site limited likelihood water would be available
Materials	Steam clean or use phosphate free detergents or biodegradable cleaning products instead of organic solvents or acids to decontaminate sampling and other equipment			x	x	x	Yes	Used water and biodegradable cleaning wipes to decontaminate sampling tools rather than using organic solvents
Power and Fuel	Use battery operated hammer drills for sampling rather than using corded electrical hammer drills	x	x				Yes	Using battery powered tools eliminated the need to bring a generator on-site to provide electricity power for AC powered hammer drills
Project Planning and Team Management	Contract a laboratory that uses green practices and/or chemicals	x	x	x	x	x	No	Laboratories with green practices were available, but could not provide validation data for greener extraction methods
Project Planning and Team Management	Use a local laboratory to minimize transportation impacts	x	x				Yes	Lab used to analyze samples was the lab located nearest the site that used the analytical method allowed for verification samples
Residual Solid and Liquid Waste	Reuse or recycle recovered product (such as resale of captured petroleum products, precipitated metals) and materials (for example, cardboard, plastics, asphalt, concrete)				x		Yes	Uncontaminated concrete in north fire lane was recycled on-site after verification samples confirmed there were no detectable PCBs in remaining concrete
Residual Solid and Liquid Waste	Salvage uncontaminated objects/infrastructure with potential to recycle, re-sell, donate or re-use				x		Yes	All uncontaminated concrete on the site, including uncontaminated fire lane concrete remaining after PCB caulk was removed was recycled for re-use on site
Sampling and Analysis	Use dedicated materials (that is, re-use of sampling equipment and non-use of disposable materials/equipment) when performing multiple rounds of sampling				x		Yes	To the extent feasible, used re-usable aluminum sampling pans to capture concrete dust during drilling for each subsample. Also re-used drill bits, decontaminating between each subsample.

Table 2
Greener Cleanup BMPs, PCB Caulk and Concrete Cleanup
CenterPoint, 8801 East Marginal Way South, Tukwila, Washington

Category	Best Management Practice	Energy	Air	Water	Materials and waste	Land and Ecosystems	BMP Used?	Comments
Vehicles and Equipment	Implement an idle reduction plan	x	x				Yes	Heavy equipment and trucks are equipped with idle auto shutoff times set to 5 minutes. Equipment used at the site not equipped with auto-shut off switches were shut off by the operator when not in use.
Vehicles and Equipment	Use retro fitted engines that use ultra-low, low sulfur diesel, or alternative fuels, or filter/treatment devices to achieve BACT or MACT		x				Yes	Company owned vehicles and equipment used at the site were equipped with engines using ultra-low sulfur diesel.

Appendix C Notification to EPA and EPA Approval Letter

CenterPoint

December 2, 2021

U.S. Environmental Protection Agency, Region 10

Subject: Request for Approval to remove PCB Caulk found along North Driveway

Project Location: 8801 E Marginal Way

Attention: Michelle Mullin

As the owner of 8801 E Marginal Way, Centerpoint would like to formally request approval to remove the PCB Caulk found along the North Driveway of our property. All sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file in the Sierra Construction trailer on site, and are available for EPA inspection.

Please refer to the attached Sampling and Analysis Plan and PCB Caulk Removal Plan which were prepared by the contractor hired to complete the removal, Dickson Company. These plans have been revised per the comments provided by Michelle Mullin on October 26, 2021 and November 26, 2021.

Please feel free to reach out to me with any follow up questions.

Sincerely,

B. Fisher

Bridget Fisher

Development Manager, Centerpoint Properties

Demian Hinkle

Project Manager, Dickson Company

DICKSON COMPANY

PCB Expansion Joint Caulking Plan

Centerpoint
Demolition Project

8801 E Marginal Way S
Tukwila, WA 98108

June 2021

TABLE OF CONTENTS

1.0 INTRODUCTION

This Work Plan provides Dickson Company (DC) personnel with worker protection procedures for operations involving potential exposure to polychlorinated biphenyl's (PCBs), to be removed as part of the CenterPoint Project.

2.0 SCOPE OF WORK

2.1 Work activities

This plan applies to the following work activities on this project:

- Removal of PCB containing caulking from joints between concrete pavement

3.0 SITE PERSONNEL

No one is allowed in the demarcated area without the approval of the Competent Person. All persons entering the demarcated area are required to comply with all sections of this Work Plan.

3.1 On-site supervisor

The Competent Person shall be designated by the Dickson Company and will be required to perform the following duties:

- Ensure all work is performed in compliance with the policies and procedures outlined in this Work plan and applicable state and federal regulations;
- Ensure that worker's applicable training certifications are current and onsite during removal
- Record any illness, disease, injury, pulmonary disorder, or death of any person on site;
- Control entry and exit to the demarcated area;
- Ensure that employees working within the demarcated area wear protective clothing as required by applicable regulations and this Work Plan;
- Report all leaks and spills to owner;
- Notify owner when waste materials are placed in a temporary storage area and that such an area is properly set up;
- Maintain the spill kit

3.2 Site Workers

Site workers will be required to perform the following duties;

- Read and follow the Work plan;
- Check all PPE to ensure it is in good working condition;
- Immediately report any accidents, illness, spills, unsafe conditions, or unusual smells to the Competent Person

4.0 WORKER PROTECTION

Section 4.0 applies to all employees who will be entering the control area (see Section 4.1).

4.1 Establishment of the control area

This section describes the requirements for demarcating work areas where the potential for exposure exists and where access to those areas is present.

4.1.1 Demarcation

A control area shall be established at all entrances/approaches to each specific area where the potential for exposure to the hazardous material will exist. The control area shall be established a minimum of eight (8) feet around each removal operation covered by this work plan utilizing danger tape and appropriate signage. The control area may be of greater size if deemed necessary by the Competent Person. "Danger" and "No smoking" signs shall be posted on each side of the control area and at the entrance to the control area.

4.1.2 Access to the Control Area

During removal operations, no employee shall be allowed to enter the control area without complying with the provisions outlined in Section 4.0. Access will be limited to those personnel with work duties requiring them to be present in the control area.

While within the control area all eating, drinking, smoking, chewing gum or tobacco, or applying of cosmetics shall be strictly prohibited.

All persons entering the control area shall sign the sign-in log upon entry and the sign-out log upon exit.

No other trades will be allowed within the control area.

4.1 Protective Clothing and Equipment

This section describes the requirements for worker protective clothing and equipment where the potential for exposure exists. All employees involved in the handling of the previously listed haz-mat materials shall wear protective gloves, coveralls, and eye wear as outlined in this section. This work will be performed in North® half-face respirators with High Efficiency Particulate Air (HEPA) filters.

PCBs can cause chloracne, liver damage, nausea, dizziness, eye irritation, and bronchitis. These materials are both readily adsorbed through the skin and therefore present a hazard when they come in contact with the skin. At all times workers shall avoid direct skin contact with these materials.

Protective gloves and coveralls shall be made of nitrile, butyl, or viton and approved by the manufacturer for protection from contact with these materials. Disposable coveralls shall have foot

covers and/or rubber boots shall be worn. An alternate material may be used if approved by the manufacturer. Gloves shall be of the gauntlet style and cover the hand and arm half way to the elbow. Eyewear shall be of the goggle type and provide splash protection.

Surveillance personnel may enter the demarcated area for a brief time period wearing only disposable gloves and foot covers at a minimum. If respiratory or skin contact hazards are involved, additional protective equipment will be required.

4.2 Training

This section outlines the requirements for training of employees who may be exposed to the previously listed materials. All employees involved in the handling of these materials shall receive training as outlined in this section.

Information concerning the hazards associated with these materials shall be communicated to employees according to the requirements of the Hazard Communication Standard (29 CFR 1910.1200). This information shall include but not be limited to the requirements concerning health effects, worker protection, material safety data sheets, and the contents of this plan.

5.0 AREA SETUP AND MAINTENANCE

Section 5.0 outlines the requirements for area setup including the covering of porous materials.

5.1 Area setup

The area shall be demarcated according to Section 4.1.1, control area signs shall not be removed without receiving final clearance from the owner or owner's representative as well as the DC.

Stormwater catch basins located within 25 feet of the work area will be blocked using plastic sheeting and sandbags to prevent liquid or solid wastes from entering the stor

6.0 AIR MONITORING

Air monitoring will not be performed during the abatement of miscellaneous hazardous materials.

6.1 Air Monitoring Procedures

N/A

6.2 Air Monitoring Frequency

N/A

7.0 WASTE

The Owner is considered to be the generator of the miscellaneous hazardous materials on this project and the DC will be the responsible party for implementing the requirements for removing, handling, and disposing of them.

7.1 Collection of Materials

PCB caulking material has been sampled per the Dickson sampling plan prior to removal work and it has been determined that the material is less than 50ppm.

This section applies to the removal of all PCB caulking. The concrete shall be sawcut parallel to and approximately 1 inch from the joint on each side. Dust reduction shall be through the use of HEPA filtered vacuums as dust collectors **with the vacuum nozzle attached to the saw**. The concrete will chipped with a hammer on the perpendicular ends, to avoid saw-cutting through the caulking, and sections will be lifted by an excavator and placed in disposal container. After saw-cutting and chipping, the removed sections will be loaded into containers and disposed of at a subtitle D licensed landfill.

The contractor shall pay strict attention to the requirements of WAC 173-303, 40 CFR Part 761 and 40 CFR 265 for the on-site handling of debris. Material has tested at less than 50ppm, **but since an unapproved extraction method was used for PCB analysis the caulk will be assumed PCB bulk product.** The material shall be brought to a facility permitted, licensed or registered by the State **to accept PCB bulk product for disposal as Subtitle D solid waste**. **The Disposal Site will be notified prior to disposal that the material is PCB bulk product.**

Special attention shall be given to the time of storage, the amount of material stored at any one time, the use of proper containers, personnel training, and confirmation that an EPA identification number has been obtained.

After the removal work is completed, additional porous matrix PCB sampling will be performed on the remaining concrete substrate on the outside and below the sawcut lines in multiple locations following the sampling plan and EPA Standard Operating Procedure.

Site EPA ID is WAD009249509.

7.2 Transportation and disposal of debris

DC will arrange to have the debris transported from the site in accordance with the requirements of 40 CFR 263 and disposed of properly in accordance with 40 CFR 264 and 268, including the necessary notifications and certifications with shipments. **The Disposal Site will be notified prior to disposal that the material is PCB bulk product.**

Containers shall be profiled and material will be disposed of by Waste Management.

7.3 Recordkeeping

7.3.1 PCB Remediation Waste

Written record of all sampling and analysis of PCB's and notifications made under CFR 761.62 shall be maintained for 3 years after the date of the waste's generation. The records will be made available to EPA upon request.

7.3.2 Respirator Records

Records shall be kept at the main office and at the jobsite to document each respirator wearer has been subject to training, fit-testing, and medical surveillance. Written records of air sampling information, workplace surveillance information, respirator-types available on site, respirator inspections and program evaluations will also be kept at the main office. The LHCP will maintain any confidential medical information, including the employee's initial Respirator Medical Evaluation Questionnaire. Any employee may review safety and health records related to any prior job at any time by contacting their supervisor and/or the company's records administrator.

8.0 SPILL RESPONSE

8.1 Potential Chemical Release

During the performance of the removal activities, the potential of a chemical release exists. Worker training and implementation of proper removal techniques will not take away the potential for a chemical release. Should a release occur, spill response will be implemented immediately. Clean-up measures/equipment will include containers, absorbent materials, rags/mops, shovels, and personal protective equipment. Spill response materials will be available at times in which hazardous materials are being handled or transported. Spill response materials will be compatible with the type of material being removed. Applicable federal, state, or local laws or regulations regarding a spill incident will be observed.

8.2 Chemical Release Minimization Procedures

To reduce the potential for chemical release, all removed materials will be inspected for the presence of leaks. If suspect residue or oils are observed, precautions will be used to remove the item. Removed materials will not be dropped from elevated heights into waste containers or on to drop cloths.

8.3 Spill Response Procedures

In order to safely contain spill a spill area, hazardous materials cleanup signs will be posted to isolate the spill area. If suspect materials spill they will be collected immediately. After the bulk material is collected, the area shall be cleaned using the appropriate solvent. All employees engaged in spill cleanup operations shall wear appropriate personal protective clothing and equipment in accordance with Section 4.0 (Worker Protection). All materials used to collect the suspect materials shall be disposed of as outlined in Section 7.0 (Disposal).

8.4 Worker Decontamination Procedures

If a suspect material spills on any worker, that worker shall first move out of the direct area of the spill, but shall remain within the control area where possible. The worker shall minimize the spread of the suspect material if possible and notify the competent persona as well as other workers in the control area or nearby. Other personnel within the control area shall set up a drop cloth for the contaminated person to stand on and begin to remove gross contamination with rags. When the spread of contamination has been reduced, the worker will move to the decontamination room where the worker will remove all contaminated clothing and place it into the appropriate disposal containers. The worker and/or co-workers will proceed with First Aid. If only a very small amount of contamination is on the clothing, it may be washed separate from other clothing. If a very small amount of contamination is on the footwear, it may be wiped clean with a rag and the appropriate solvent.

For seriously injured workers, aid shall not be delayed for reasons of contamination.

8.5 PCB First Aid

Situation	Action
Contact with skin	1. Cleanse the skin immediately with waterless hand cleaner.
	2. Wipe with clean paper towels or rags.
	3. Repeat steps 1 and 2 three times.
	4. Rinse skin with water
	5. Dry skin.
	6. Discard wipe towels or rags in plastic bags, seal, place in a PCB disposal drum.
	7. If irritation persists after washing, seek medical attention.
Contact with eyes	1. Flush eyes with water or eye irrigation solution, Competent Person ensures that the employee is taken to a hospital emergency room.
	2. Competent Person ensures that appropriate record keeping is performed.
Inhalation of smoke, vapors or volatile PCBs	1. If acute ill effects, such as nausea, breathing difficulty, or dizziness occur, the Competent Person ensures that the employee is taken to the hospital or emergency room.
	2. Competent Person ensures that appropriate record keeping is performed.
Accidental Ingestion	1. If ill effects occur, the Competent Person ensures that employee is taken to the hospital
	1. Competent Person ensures that appropriate record keeping is performed.
	2. If medical attention is not immediately available, get the affected person to vomit**.** DO NOT MAKE AN UNCONSCIOUS PERSON VOMIT. Insure that employee receives medical attention as soon as possible.

8.7 Final Clean up

When all the caulking material is removed, contained, and labeled, workers will start final cleanup. The CP will examine the area making sure all material has been containerized or loaded into the disposal cans and any spills are clean up and the area is free of trip hazards. **Final cleanup will be completed after confirmation samples have been collected and results received verifying that no PCBs were detected in the remaining concrete.** After the CP determines that the regulated area is clean, the regulated area will be taken down.

HAZARDOUS MATERIALS ABATEMENT
CONTROL AREA ENTRY/EXIT LOG

NAME	TIME IN	TIME OUT

DICKSON COMPANY

MISC. HAZ-MATERIALS ABATEMENT
SPILL KIT CONTENTS

• Disposable gloves	2 pair
• Gloves w/high impermeability to PCB	2 pair
• Coveralls w/permeation resistance to PCB	2 each
• Disposable foot coverings	2 each
• Chemical safety goggles	2 pair
• PCB caution sign	5 each
• Banner guard or equivalent	100 feet
• Absorbent material	2 bags
• Polyethylene waste bags	5 each
• Duct tape	1 roll
• Area access logs (Blank)	1 each
• Rags	50 each
• Hazard sign (blank) with pen/pencil	1 each
• 55-gallon drum	1 each

MISC. HAZARDOUS MATERIALS ABATEMENT
PERSONAL PROTECTIVE EQUIPMENT LIST

- Disposable nitrile, butyl or viton gloves;
- Disposable coveralls;
- Disposable foot coverings;
- Safety goggles;
- Hard hat;
- Steel-toed boots
- North ½ face respirator with chemical filters

CenterPoint Seattle

Sampling and Analysis Plan for

Removal of PCB Caulk and Concrete

Prepared for

Dickson Co.

by

Sound Environmental Solutions, inc.
PO Box 731082, Puyallup, WA 98373
Phone (253) 841-2314 • Fax (253) 435-4881

Table of Contents

Acronyms

AO	Agreed Order
ASTM	American Society for Testing and Materials
CoC	Contaminants of Concern
CUL	Cleanup Limit
EPA	Environmental Protection Agency
FS	Feasibility Study
IAWP	Interim Action Work Plan
kg	kilogram
µg	microgram
µg/kg	micrograms per kilogram
mg	milligram
mg/kg	milligrams per kilogram
PCB	Polychlorinated Biphenyl
ppm	parts per million
QA	Quality Assurance
QC	Quality Control
RI	Remedial Investigation
RL	Reporting limit
SAP	Sampling Analysis Plan
SESI	Sound Environmental Solutions, Inc.
SOP	Standard operating procedure
TSCA	Toxic Substance Control Act
WAC	Washington Administrative Code
WA Ecology	Washington State Department of Ecology

1.0 Project Background

The CenterPoint site is an industrial site located at 8801 E Marginal Way South in Tukwila, Washington. The site was formerly occupied by Auto Auctions, Inc., and is currently under development for a new industrial building. The site is under Agreed Order 6069 between the Washington State Department of Ecology and the previous owners to clean up contamination at the site from various CoCs, including PCBs.

During the site RI and FS (Ref. 1), PCBs were discovered in two groundwater monitoring wells, 16A and 34A, in the north fire lane on the north side of the property. It was determined that PCB containing joint compound in joints in the north fire lane concrete slabs were likely contributing to the PCBs found in these two wells.

The FS, IAWP (Ref. 2) and the Agreed Order require removal of the PCB joint compound in an effort to reduce contributions to PCBs found in the ground water in the two wells. An engineering specification (Ref. 3) was developed to facilitate removal. This specification requires saw cutting to remove the PCB caulk and approximately one inch of concrete on each side of the joints.

The material identified as joint compound in the RI and IAWP is also identified as caulking, caulk or sealant in other documents reviewed to prepare this SAP. For the purpose of this SAP, and to avoid confusion, the material will be referred to in this SAP as caulk.

This SAP has been prepared to provide procedures for collecting samples to confirm no PCBs are in the concrete after the caulk and adjacent concrete have been removed.

Once the caulk and adjacent concrete have been removed, the remaining concrete will be demolished and crushed for use as fill on the site.

2.0 Existing Site Data

Existing site data for this work includes eleven caulk samples collected on three separate dates. Three caulk samples were collected on September 14, 2011 (Ref 1, Table B-23). The PCB concentrations for those samples were < 0.76 mg/kg, 2.2 mg/kg, and 11.8 mg/kg, respectively. Sample and analysis methodology and sample locations are unknown.

Eight caulk samples were collected by the demolition contractor, two on August 13, 2021 and six on October 6, 2021, using procedures in EPA's SOP for sampling PCBs in porous materials (Ref. 4).

PCBs were detected at 6 mg/kg in one sample collected on August 13. No PCBs were detected in the other seven samples. The reporting limit for these samples ranged from 0.86 mg/kg to 9.6 mg/kg. The lab reported for all but one of the eight samples the reporting limit was higher due to dilution required because of matrix interference.

All eight samples were extracted using EPA method 3546, and analyzed by EPA method 8082A. Extraction and analysis were performed by NVL Laboratories in Seattle, WA. NVL is accredited by WA Ecology. **No extraction method validation data was available from the laboratory, so for the purpose of this SAP and the work, the caulk is presumed to be PCB Bulk product in accordance with 40 CFR 761.61.**

A figure showing the location of the eight samples is in Appendix I. The caulk sample lab reports are in Appendix II.

3.0 Project Organization and Responsibilities

The prime contractor for this project is Sierra Construction Company from Woodinville, Washington. Sierra is responsible for reporting to the owner.

The demolition contractor for the site is Dickson Co. from Tacoma, Washington. Dickson Co. will perform field data collection and documentation, sample collection, sample labeling, sample packaging, sample preservation, chain of custody, collection of field QC samples, delivery of samples to laboratory, data analysis and preparation of the final report.

Friedman & Bruya, Inc. (F&B) is the contract laboratory. **F&B** is responsible for laboratory accreditation and verification, maintaining sample chain of custody in the laboratory, proper sample preservation, timely analysis, internal lab QA/QC, and appropriate training of chemists.

4.0 Scope

This scope of this task is to remove PCB containing caulk and adjacent concrete in the north fire lane, and to confirm that no PCBs are in the remaining concrete, which is scheduled to be crushed on site.

There are approximately **600** feet of joints with caulk. Approximately **500** feet of the joints run east to west on the south side of the fire lane. The remaining joints are approximately three to five feet long and run north to south along the north fence line.

Concrete adjacent to the PCB caulk filled joints will be saw cut approximately one to two inches on either side of each seam. Once saw cutting is complete, the joints and adjacent concrete will be removed and disposed in a Subtitle D landfill.

Composite samples will be collected from the remaining concrete using the procedures provided in this plan and the attached EPA SOP (App. III). If no PCBs are detected in the samples, the concrete will be processed on site as planned. If PCBs are detected, additional saw cutting, removal and testing will be performed until PCBs are no longer detected in the concrete.

5.0 Sampling Plan

All concrete samples will be collected using the sampling procedures in the EPA SOP. This SOP is attached for reference in Appendix III. All samples will be collected from the vertical face of the **approximately 9 inch thick** concrete **slab** after the saw cuts have been completed and the caulk and adjacent concrete have been removed.

Sample locations will be determined in the field after saw cutting and removal are complete. Sample location determination will differ from requirements in 40 CFR 761.61, Subpart O and the EPA SOP because the joints containing PCB caulk extend in a linear fashion on the site. Sampling in a square grid as described in Subpart O and the SOP is not possible. **A linear grid on the vertical face will be used**.

The joints will be divided into six (6) sections. The east to west concrete joints will be divided into five (5) **approximately one hundred foot** sections. The sixth **one hundred foot** section will be include all short joints running north to south. **The surface area of each section will be approximately seventy five square feet.**

Each linear section will be subdivided into eight (8) equal sized subsections, **slightly less than ten square feet per subsection**. Subsamples will be collected from each of the subsections and combined into one (1) composite sample for each section. Sufficient material will be collected from each of the subsections to make a composite sample weight of at least ten (10) grams, with equal weights from each subsample.

All samples will be collected randomly from the vertical face on each side of each saw cut. The subsamples from each section will then be combined into one sample container for each section. Using this method, a total of twelve composite samples will be collected: five (5) from each side of the east to west joints, and one (1) from each side of the north to south joints. **Section and sample locations are shown on Figure 2 in Appendix I.**

One duplicate sample will be collected for field QC purposes, the location to be determined by the sampler during field sampling.

Samples will be extracted using EPA method **3550B** and analyzed by EPA method 8082A. Extraction and analysis will be performed by **Friedman & Bruya** in Seattle, WA.

6.0 Documentation and Recordkeeping

All field documentation will be recorded on field data sheets unique for this project. Each data sheet will be sequentially numbered. All data will be recorded in blue or black ink. Recording errors will be corrected by a line through the error. The field sampler will initial the correction.

The field sampler will record all field data, including dates, times, diagrams of sampled areas, sample locations, sample numbers, types of samples, photographs taken. Each page will be signed and dated by the field sampler.

Records of field data, laboratory analysis and reporting will be maintained for three years.

7.0 Sample Packaging, Chain of Custody, Delivery

All samples will be placed in sealed borosilicate glass containers. After each sample container is sealed and labeled it will be put in a zip lock bag and then placed in a plastic cooler on ice to maintain the samples at ≤6° C until the time of extraction and analysis.

A chain of custody form provided by the contract laboratory will be completed by the sampler after sampling is complete. An individual, to determined by the contractor, will then hand deliver the samples to the laboratory, retaining a copy of the chain of custody signed by the receiving laboratory.

8.0 Quality Control

Field quality control samples will be field duplicate samples collected in the field at five (5) percent of total samples. For this plan, approximately twelve (12) samples are anticipated, so one field duplicate sample will be collected.

The contract laboratory is responsible for internal quality control. QC samples analyzed by the laboratory include a lab blank, a lab control sample and a lab control sample duplicate. Lab QC samples will include surrogate spikes to verify recovery is with specified limits.

9.0 References

1. Shannon & Wilson, Final Feasibility Study, 8801 East Marginal Way S, Tukwila, WA: prepared by Shannon & Wilson, Inc., Seattle, Wash., for PACCAR Inc, Bellevue, WA, July 27, 2020.

2. Shannon & Wilson, Final interim action work plan, 8801 East Marginal Way S, Tukwila, WA: Report prepared by Shannon & Wilson, Inc., Seattle, Wash., for PACCAR Inc, Bellevue, WA, July 27, 2020.

3. Shannon & Wilson, Specifications for Removal of Polychlorinated Biphenyl-Containing Caulking in Concrete Paving Joints at a Designated Work Area of the 8801 Property, Agreed Order 6069: prepared by Shannon & Wilson, Inc., Seattle, Wash., for PACCAR Inc, Bellevue, WA, March 16, 2021

4. EPA Region 1 Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs), May 2011

5. TSCA 40 CFR 761.61, Subpart D, Subpart O, Subpart N

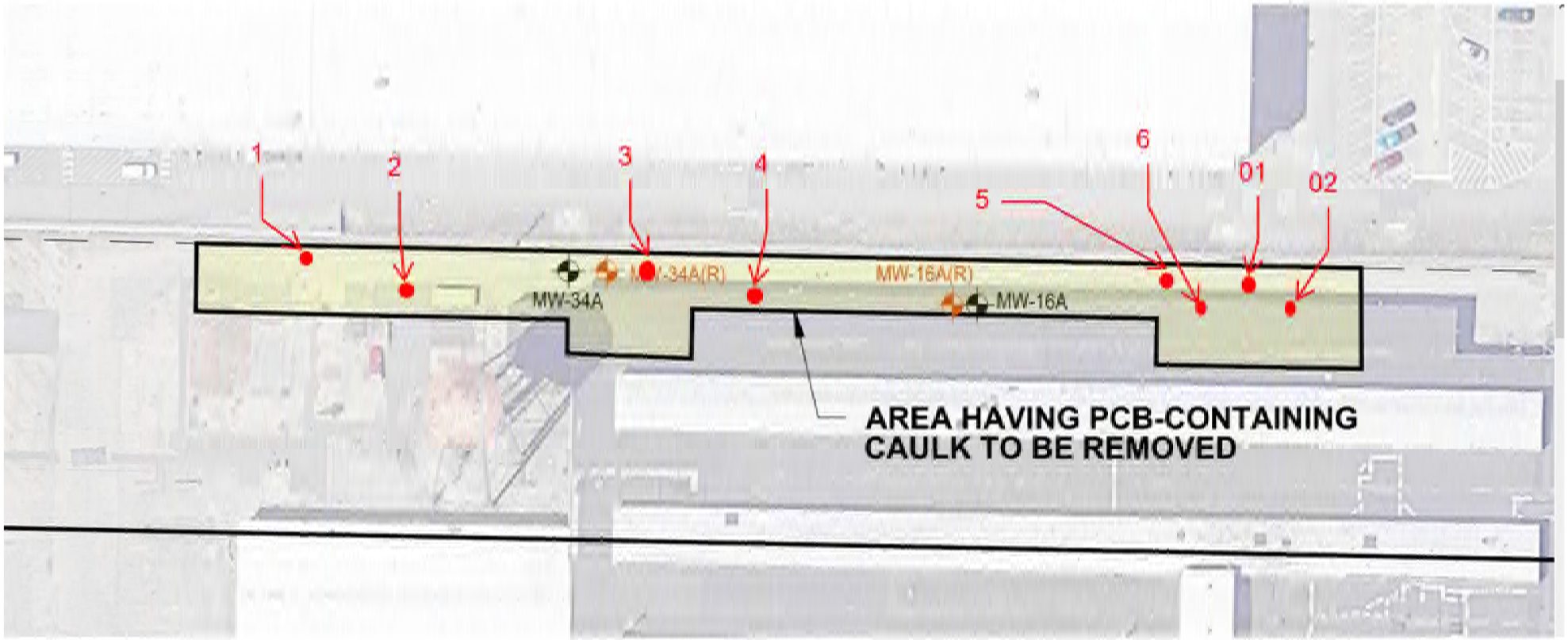
6. WAC 173-340, Model Toxics Control Act – Cleanup (MTCA)

7. WAC 173-303, Dangerous Waste Regulations

8. EPA SW-846.3-3, Test Methods for Evaluating Solid Waste: Physical/Chemical Methods

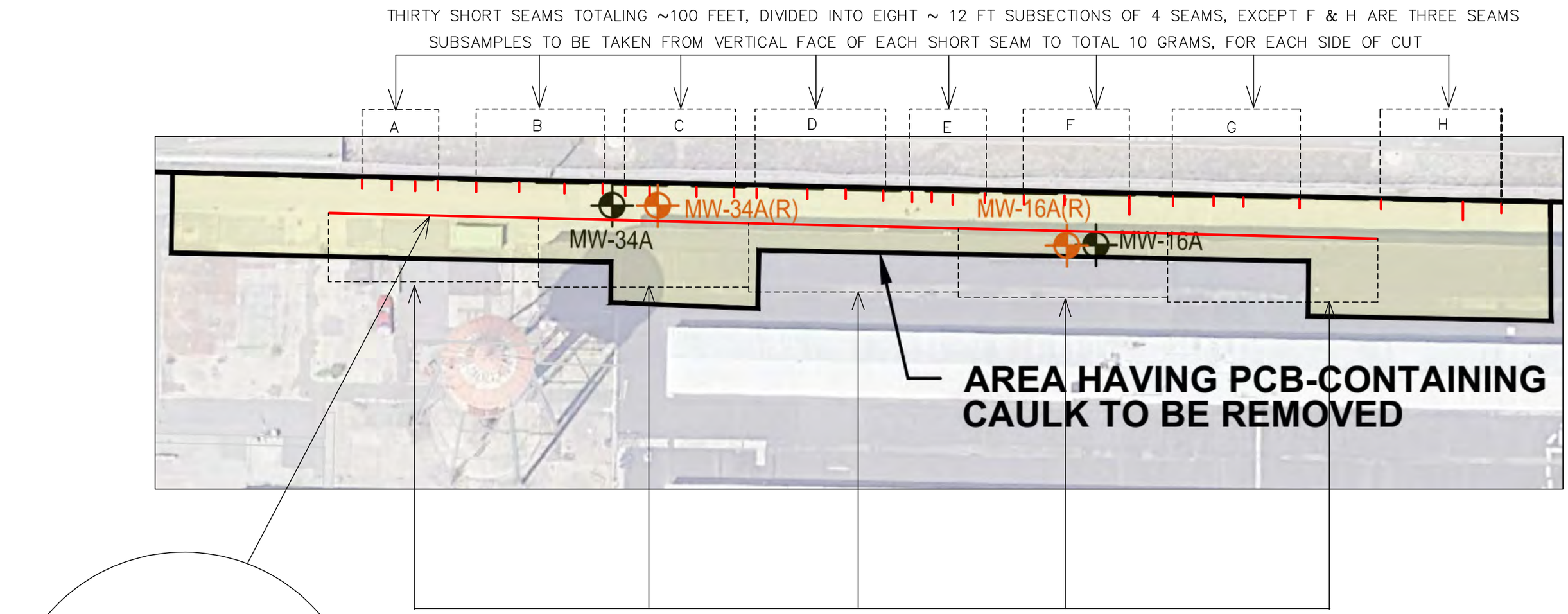
Appendix I: Figures

Figure 1 - Dickson Company CenterPoint Caulk Sample Locations



Sample Numbers 01-02 Taken On 8/13/21
Sample Numbers 1-6 Taken On 10/06/21

FIGURE 2 – DICKSON CO. CENTERPOINT PCB in CONCRETE SAMPLE LOCATIONS



Appendix II: Laboratory Analysis Reports

August 17, 2021

Mr. Demian Hinkle

Dickson Company
3315 South Pine St.
Tacoma, WA 98409

Re: **NVL Batch 2114414.00**

Project Name/Number: N-A

Project location: Center Point E. Marginal Way

Dear Mr. Hinkle,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytical report.

The content of this package consists of the following:

-Case Narrative & Definition of Data Qualifiers
-Analytical Test Results
-Applicable QC Summary
-Client Chain-of-Custody (CoC)
-NVL Receiving Record

The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

Nick Ly, Technical Director

Enclosure: Sample Results

Case Narrative:

The following summarizes samples received on date as shown on the accompanied Chain of custody by NVL Laboratories, Inc. from Dickson Company for Project Location Center Point E. Marginal Way. Samples were logged in for PCB analysis per client request using both customer sample ID's and laboratory assigned ID's as listed on the Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test Results are reported in milligram per kilogram (mg/kg) for PCB samples as shown on the analytical reports.

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
B	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
mg/Kg	milligram per kilogram

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography

Client	**Dickson Company**	Samples Received*	**2**
SDG Number	**2114414.00**	Analyzed By	**Evelyn Ahulu**
Date Reported	**08/17/2021**	Samples Analyzed*	**2**
Project Number	**N-A**	Analysis Method	**8082A**
Location	**Center Point E. Marginal Way**	Preparation Method	**3546PR (PCB)**

* for this test only

Sample Number	**1**	Received	08/16/2021
Lab Sample ID	21093687	Matrix	Material
Initial Sample Size	2.0287 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	4.9	< 4.9	08/16/2021
Aroclor-1221	4.9	< 4.9	08/16/2021
Aroclor-1232	4.9	< 4.9	08/16/2021
Aroclor-1242	4.9	< 4.9	08/16/2021
Aroclor-1248	4.9	< 4.9	08/16/2021
Aroclor-1254	4.9	< 4.9	08/16/2021
Aroclor-1260	4.9	< 4.9	08/16/2021
PCBs, Total	**4.9**	**<4.9**	

Comments: Reporting limit raised due to dilution (matrix interference)

Sample Number	**2**	Received	08/16/2021
Lab Sample ID	21093688	Matrix	Material
Initial Sample Size	2.013 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	5.0	< 5.0	08/16/2021
Aroclor-1221	5.0	< 5.0	08/16/2021
Aroclor-1232	5.0	< 5.0	08/16/2021
Aroclor-1242	5.0	< 5.0	08/16/2021
Aroclor-1248	5.0	< 5.0	08/16/2021
Aroclor-1254	5.0	6.0	08/16/2021
Aroclor-1260	5.0	< 5.0	08/16/2021
PCBs, Total	**5.0**	**6**	

Comments: Reporting limit raised due to dilution (matrix interference)

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Quality Control Results

Project Number:	**N-A**	**SDG Number:**	**2114414**
		Project Manager:	**Demian Hinkle**
QC Batch(es):	**Q1418**	Analysis Method:	**8082A**
QC Batch Method:	3546PR (PCB)	Analysis Description:	Polychlorinated Biphenyls by Gas Chromatography
Preparation Date:	08/16/2021		

Blank: MBLK-2114414

Analyte	Blank Result	Units	DF	RL	Control Limit	Qualifiers
Aroclor-1016	ND	mg/Kg	1	1	1.0	
Aroclor-1221	ND	mg/Kg	1	1	1.0	
Aroclor-1232	ND	mg/Kg	1	1	1.0	
Aroclor-1242	ND	mg/Kg	1	1	1.0	
Aroclor-1248	ND	mg/Kg	1	1	1.0	
Aroclor-1254	ND	mg/Kg	1	1	1.0	
Aroclor-1260	ND	mg/Kg	1	1	1.0	
PCBs, Total	ND	mg/Kg	1	1	1.0	
Surrogates:				% Rec		
Tetrachloro-m-xylene			1	101	40-140	
Decachlorobiphenyl			1	114	40-140	

Lab Control Sample: LCS-1254-2114414

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	% Rec Limits	Qualifiers
Aroclor-1254	21.2	mg/Kg	1	20.0	106	40-140	
Surrogates:							
Tetrachloro-m-xylene			1		96	40-140	
Decachlorobiphenyl			1		139	40-140	

Lab Control Sample: LCS-1016+1260-2114414
Lab Control Sample Duplicate: LCS Dup-1016+1260-2114414

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	20.1	mg/Kg	1	20.0	101	40-140			
	19.2			20.0	96	40-140	4.6	50	
Aroclor-1260	17.2	mg/Kg	1	20.0	86	40-140			
	17.2			20.0	86	40-140	0	50	
Surrogates:									
Tetrachloro-m-xylene			1		107	40-140			
					104	40-140			
Decachlorobiphenyl			1		118	40-140			
					116	40-140			

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Surrogate Recovery Summary Report

Client Dickson Company **SDG Number** 2114414

Project N-A

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
1-DL	21093687DL1	Decachlorobiphenyl	81%	40-140
1-DL	21093687DL1	Tetrachloro-m-xylene	88%	40-140
2-DL	21093688DL1	Decachlorobiphenyl	95%	40-140
2-DL	21093688DL1	Tetrachloro-m-xylene	101%	40-140
LCS Dup-1016+1260-2114414	LCS Dup-1016+1260-2114414	Decachlorobiphenyl	116%	40-140
LCS Dup-1016+1260-2114414	LCS Dup-1016+1260-2114414	Tetrachloro-m-xylene	104%	40-140
LCS-1016+1260-2114414	LCS-1016+1260-2114414	Decachlorobiphenyl	118%	40-140
LCS-1016+1260-2114414	LCS-1016+1260-2114414	Tetrachloro-m-xylene	107%	40-140
LCS-1254-2114414	LCS-1254-2114414	Decachlorobiphenyl	139%	40-140
LCS-1254-2114414	LCS-1254-2114414	Tetrachloro-m-xylene	96%	40-140
MBLK-2114414	MBLK-2114414	Decachlorobiphenyl	114%	40-140
MBLK-2114414	MBLK-2114414	Tetrachloro-m-xylene	101%	40-140

* Recovery outside limits

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: **2114414** Contract: **N/A**

Determination: **8082 PCB Aroclors <Material>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R001411	CCV1 1016-1260	PCB_2021-1-2	08/16/2021	Aroclor-1016	5	5	ug/mL	100	80-120
		PCB_2021-1-2	08/16/2021	Aroclor-1260	5	5	ug/mL	100	80-120
	CCV1 1254	PCB_2021-1-3	08/16/2021	Aroclor-1254	5	5	ug/mL	100	80-120
	ICV 1016-1254-1260	PCB_2021-1-4	08/16/2021	Aroclor-1016	5	5.179	ug/mL	104	85-115
		PCB_2021-1-4	08/16/2021	Aroclor-1254	5	5.179	ug/mL	104	85-115
		PCB_2021-1-4	08/16/2021	Aroclor-1260	5	5.358	ug/mL	107	85-115
	CCV2 1016-1260	PCB_2021-1-2	08/16/2021	Aroclor-1016	5	5.268	ug/mL	105	80-120
		PCB_2021-1-2	08/16/2021	Aroclor-1260	5	5.015	ug/mL	100	80-120
	CCV2 1254	PCB_2021-1-3	08/16/2021	Aroclor-1254	5	4.973	ug/mL	99	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

ORGANICS LABORATORY SERVICES

NVL

Company Dickson Company
Address 3315 South Pine St.
Tacoma, WA 98409
Project Manager Mr. Demian Hinkle
Phone (253) 472-4489

NVL Batch Number 2114414.00
TAT 1 Day **AH** No
Rush TAT
Due Date 8/17/2021 **Time** 8:30 AM
Email demian@dickson.net
Fax (253) 472-4521

Project Name/Number: N-A **Project Location:** Center Point E Marginal Way

Subcategory Quantitative analysis
Item Code ORG-05 **Method** 8082 PCB Aroclors <Bulk>

Total Number of Samples 2 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	21093687	1		A
2	21093688	2		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	8/16/21	830
Analyzed by	Evelyn Ahylm		NVL	8/16/21	15:00
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Entered By: Fatima Khan Date: 8/16/2021 Time: 8:44 AM

4706 Aurora Ave North, Seattle, WA 98103 | p 206.547.0100 | F 206.547.1939 | www.nvlabs.com

NVL
INDUSTRIAL HYGIENE SERVICES
LABORATORY + MANAGEMENT + TRAINING

~~METALS~~ PCB
CHAIN OF CUSTODY

Turn Around Time
☐ 2 Hour ☐ 4 Hours ☒ 24 Hours
☐ ays

2114414

Company Dickson Co
Address 3315 S. Pine Street
Tacoma, WA 98409
Phone 253.255-5168

Project Manager Demian Hinkle
Cell (253) 212-7511
Email JakeDickson.net, DemianDickson.net
Fax ( ) -

Project Name/Number	Project Location
	Center Point E Marginal Way

☐ Total Metals ☐ FAA (ppm ☐ Air Filter ☐ Paint Chips (%) ☐ Soil
☐ TCLP ☐ ICP (PPM ☐ Paint Chips (cm) ☐ Dust Wipes
☒ PCB ☐ GFAA (ppb) ☐ Drinking Water ☐ Waste Water
☐ CVAA (ppb) ☐ Other

RCRA 8
☐ Barium ☐ Chromium ☐ Silver
☐ Arsenic ☐ Mercury ☐ Lead
☐ Selenium ☐ Cadmium

RCRA 11
☐ Copper
☐ Zinc
☐ Other

Reporting Instructions
☐ Call ( ) - ☐ Fax ( ) - ☒ Email JakeDickson.net

Total Number of Samples

	Sample ID	Description	A/R
1	1	Expansion Joint Sealant	
2	2	Expansion Joint Sealant	
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

	Print Name	Signature	Company	Date	Time
Sampled by	Jacob Clark		Dickson	8/13/21	10:30
Relinquish by	RYAN LECHOWICZ		DICKSON	8/16/21	6:25

Office Use Only

	Print Name	Signature	Company	Date	Time
Received by	Kathmarie		NVL	8/16/21	8:55a
Analyzed by	Evelyn Ahnly			8/16/21	15:00
Called by					
Faxed/Email by					

October 8, 2021

Mr. Demian Hinkle

Dickson Company
3315 South Pine St.
Tacoma, WA 98409

Re: **NVL Batch 2117621.00**

Project Name/Number: 20032

Project location: Center Point

Dear Mr. Hinkle,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytical report.

The content of this package consists of the following:

-Case Narrative & Definition of Data Qualifiers
-Analytical Test Results
-Applicable QC Summary
-Client Chain-of-Custody (CoC)
-NVL Receiving Record

The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

Nick Ly, Technical Director

Enclosure: Sample Results

Case Narrative:

The following summarizes samples received on date as shown on the accompanied Chain of custody by NVL Laboratories, Inc. from Dickson Company for Project Number 20032. Samples were logged in for PCB analysis per client request using both customer sample ID's and laboratory assigned ID's as listed on the Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test Results are reported in milligram per kilogram (mg/Kg) for PCB samples as shown on the analytical reports.

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
B	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
mg/Kg	milligram per kilogram

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography

Client	**Dickson Company**	Samples Received*	**6**
SDG Number	**2117621.00**	Analyzed By	**Shalini Patel**
Date Reported	**10/08/2021**	Samples Analyzed*	**6**
Project Number	**20032**	Analysis Method	**8082A**
Location	**Center Point**	Preparation Method	**3546PR (PCB)**

* for this test only

Sample Number	**1**	Received	10/07/2021
Lab Sample ID	21112312	Matrix	Material
Initial Sample Size	2.2289 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	9.0	< 9.0	10/07/2021
Aroclor-1221	9.0	< 9.0	10/07/2021
Aroclor-1232	9.0	< 9.0	10/07/2021
Aroclor-1242	9.0	< 9.0	10/07/2021
Aroclor-1248	9.0	< 9.0	10/07/2021
Aroclor-1254	9.0	< 9.0	10/07/2021
Aroclor-1260	9.0	< 9.0	10/07/2021
PCBs, Total	**9.0**	**<9**	

Comments: Reporting limit raised due to dilution(matrix interference).

Sample Number	**2**	Received	10/07/2021
Lab Sample ID	21112313	Matrix	Material
Initial Sample Size	2.3225 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.86	< 0.86	10/07/2021
Aroclor-1221	0.86	< 0.86	10/07/2021
Aroclor-1232	0.86	< 0.86	10/07/2021
Aroclor-1242	0.86	< 0.86	10/07/2021
Aroclor-1248	0.86	< 0.86	10/07/2021
Aroclor-1254	0.86	< 0.86	10/07/2021
Aroclor-1260	0.86	< 0.86	10/07/2021
PCBs, Total	**0.86**	**<0.86**	

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography

Sample Number	**3**	Received	10/07/2021
Lab Sample ID	21112314	Matrix	Material
Initial Sample Size	2.0752 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	9.6	< 9.6	10/07/2021
Aroclor-1221	9.6	< 9.6	10/07/2021
Aroclor-1232	9.6	< 9.6	10/07/2021
Aroclor-1242	9.6	< 9.6	10/07/2021
Aroclor-1248	9.6	< 9.6	10/07/2021
Aroclor-1254	9.6	< 9.6	10/07/2021
Aroclor-1260	9.6	< 9.6	10/07/2021
PCBs, Total	**9.6**	**<9.6**	

Comments: Reporting limit raised due to dilution(matrix interference).

Sample Number	**4**	Received	10/07/2021
Lab Sample ID	21112315	Matrix	Material
Initial Sample Size	2.3546 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	8.5	< 8.5	10/07/2021
Aroclor-1221	8.5	< 8.5	10/07/2021
Aroclor-1232	8.5	< 8.5	10/07/2021
Aroclor-1242	8.5	< 8.5	10/07/2021
Aroclor-1248	8.5	< 8.5	10/07/2021
Aroclor-1254	8.5	< 8.5	10/07/2021
Aroclor-1260	8.5	< 8.5	10/07/2021
PCBs, Total	**8.5**	**<8.5**	

Comments: Reporting limit raised due to dilution(matrix interference).

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography

Sample Number	**5**	Received	10/07/2021
Lab Sample ID	21112316	Matrix	Material
Initial Sample Size	2.2817 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	8.8	< 8.8	10/07/2021
Aroclor-1221	8.8	< 8.8	10/07/2021
Aroclor-1232	8.8	< 8.8	10/07/2021
Aroclor-1242	8.8	< 8.8	10/07/2021
Aroclor-1248	8.8	< 8.8	10/07/2021
Aroclor-1254	8.8	< 8.8	10/07/2021
Aroclor-1260	8.8	< 8.8	10/07/2021
PCBs, Total	**8.8**	**<8.8**	

Comments: Reporting limit raised due to dilution(matrix interference).

Sample Number	**6**	Received	10/07/2021
Lab Sample ID	21112317	Matrix	Material
Initial Sample Size	2.3774 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	8.4	< 8.4	10/07/2021
Aroclor-1221	8.4	< 8.4	10/07/2021
Aroclor-1232	8.4	< 8.4	10/07/2021
Aroclor-1242	8.4	< 8.4	10/07/2021
Aroclor-1248	8.4	< 8.4	10/07/2021
Aroclor-1254	8.4	< 8.4	10/07/2021
Aroclor-1260	8.4	< 8.4	10/07/2021
PCBs, Total	**8.4**	**<8.4**	

Comments: Reporting limit raised due to dilution(matrix interference).

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Quality Control Results

Project Number:	**20032**	**SDG Number:**	**2117621**
		Project Manager:	**Demian Hinkle**
QC Batch(es):	**Q1453**	Analysis Method:	**8082A**
QC Batch Method:	3546PR (PCB)	Analysis Description:	Polychlorinated Biphenyls by Gas Chromatography
Preparation Date:	10/07/2021		

Blank: MBLK-2117621

Analyte	Blank Result	Units	DF	RL		Control Limit	Qualifiers
Aroclor-1016	ND	mg/Kg	1	1		1.0	
Aroclor-1221	ND	mg/Kg	1	1		1.0	
Aroclor-1232	ND	mg/Kg	1	1		1.0	
Aroclor-1242	ND	mg/Kg	1	1		1.0	
Aroclor-1248	ND	mg/Kg	1	1		1.0	
Aroclor-1254	ND	mg/Kg	1	1		1.0	
Aroclor-1260	ND	mg/Kg	1	1		1.0	
PCBs, Total	ND	mg/Kg	1	1		1.0	
Surrogates:					% Rec		
Tetrachloro-m-xylene			1		113	40-140	
Decachlorobiphenyl			1		126	40-140	

Lab Control Sample: LCS-1254-2117621

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	% Rec Limits	Qualifiers
Aroclor-1254	25.1	mg/Kg	1	20.0	125	40-140	
Surrogates:							
Tetrachloro-m-xylene			1		124	40-140	
Decachlorobiphenyl			1		128	40-140	

Lab Control Sample: LCS-1016+1260-2117621
Lab Control Sample Duplicate: LCS Dup-1016+1260

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	21.9	mg/Kg	1	20.0	110	40-140			
	20.4			20.0	102	40-140	7.4	50	
Aroclor-1260	21.8	mg/Kg	1	20.0	109	40-140			
	21.6			20.0	108	40-140	1.2	50	
Surrogates:									
Tetrachloro-m-xylene			1		129	40-140			
					114	40-140			
Decachlorobiphenyl			1		126	40-140			
					121	40-140			

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Surrogate Recovery Summary Report

Client Dickson Company **SDG Number** 2117621

Project 20032

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
1	21112312	Decachlorobiphenyl	126%	40-140
1	21112312	Tetrachloro-m-xylene	114%	40-140
2	21112313	Decachlorobiphenyl	110%	40-140
2	21112313	Tetrachloro-m-xylene	98%	40-140
3	21112314	Decachlorobiphenyl	116%	40-140
3	21112314	Tetrachloro-m-xylene	112%	40-140
4	21112315	Decachlorobiphenyl	110%	40-140
4	21112315	Tetrachloro-m-xylene	100%	40-140
5	21112316	Decachlorobiphenyl	116%	40-140
5	21112316	Tetrachloro-m-xylene	116%	40-140
6	21112317	Decachlorobiphenyl	94%	40-140
6	21112317	Tetrachloro-m-xylene	100%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Decachlorobiphenyl	121%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Tetrachloro-m-xylene	114%	40-140
LCS-1016+1260-2117621	LCS-1016+1260-2117621	Decachlorobiphenyl	126%	40-140
LCS-1016+1260-2117621	LCS-1016+1260-2117621	Tetrachloro-m-xylene	129%	40-140
LCS-1254-2117621	LCS-1254-2117621	Decachlorobiphenyl	128%	40-140
LCS-1254-2117621	LCS-1254-2117621	Tetrachloro-m-xylene	124%	40-140
MBLK-2117621	MBLK-2117621	Decachlorobiphenyl	126%	40-140
MBLK-2117621	MBLK-2117621	Tetrachloro-m-xylene	113%	40-140

* Recovery outside limits

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: **2117621** Contract: **N/A**

Determination: **8082 PCB Aroclors <Material>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R001446	CCV1- 1016 -1260	PCB_2021-1-2	10/07/2021	Aroclor-1016	5	5.77	ug/mL	115	80-120
		PCB_2021-1-2	10/07/2021	Aroclor-1260	5	5.821	ug/mL	116	80-120
	CCV1- 1254	PCB_2021-1-3	10/07/2021	Aroclor-1254	5	5.559	ug/mL	111	80-120
	ICV 1016-1254-1260	PCB_2021-1-4	10/07/2021	Aroclor-1016	5	5.371	ug/mL	107	85-115
		PCB_2021-1-4	10/07/2021	Aroclor-1254	5	5.535	ug/mL	111	85-115
		PCB_2021-1-4	10/07/2021	Aroclor-1260	5	5.637	ug/mL	113	85-115
	CCV2- 1016 - 1260	PCB_2021-1-2	10/07/2021	Aroclor-1016	5	5.146	ug/mL	103	80-120
		PCB_2021-1-2	10/07/2021	Aroclor-1260	5	5.278	ug/mL	106	80-120
	CCV2-1254	PCB_2021-1-3	10/07/2021	Aroclor-1254	5	5.385	ug/mL	108	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

ORGANICS LABORATORY SERVICES

NVL

Company Dickson Company
Address 3315 South Pine St.
Tacoma, WA 98409
Project Manager Mr. Demian Hinkle
Phone (253) 472-4489

NVL Batch Number 2117621.00
TAT 1 Day **AH** No
Rush TAT
Due Date 10/8/2021 **Time** 11:40 AM
Email demian@dickson.net
Fax (253) 472-4521

Project Name/Number: 20032 **Project Location:** Center Point

Subcategory Quantitative analysis
Item Code ORG-05 **Method** 8082 PCB Aroclors <Bulk>

Total Number of Samples 6 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	21112312	1		A
2	21112313	2		A
3	21112314	3		A
4	21112315	4		A
5	21112316	5		A
6	21112317	6		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Umer Khan		NVL	10/7/21	1140
Analyzed by	Shalini Patel		NVL	10/7/21	1500
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Entered By Kelly AuVu Date 10/7/2021 Time 12:03 PM

NVL
INDUSTRIAL HYGIENE SERVICES
LABORATORY + MANAGEMENT + TRAINING

~~METALS~~ PCB
CH

2117621

Turn Around Time
- ☐ 2 Hour
- ☐ 2 Days
- ☐ 5 Days
- ☐ 4 Hours
- ☐ 3 Days
- ☐ 6-10 Days
- ☑ 24 Hours
- ☐ 4 Days

Please call for TAT less than 24 Hours

Company Dickson Company
Address 3315 Pine Sstreet
tacoma, WA 98409
Phone 253-472-4489

Project Manager Demian Hinkle
Cell (253) 255 - 5168
Email Jake@Dickson.net
Fax ( ) -

Project Name/Number 20032
Project Location Centerpoint

- ☐ Total Metals
- ☐ TCLP
- ☑ PCB
- ☐ FAA (ppm
- ☐ ICP (PPM
- ☐ GFAA (ppb)
- ☐ CVAA (ppb)
- ☐ Air Filter
- ☐ Paint Chips (cm)
- ☐ Drinking Water
- ☐ Other
- ☐ Paint Chips (%)
- ☐ Dust Wipes
- ☐ Waste Water
- ☐ Soil

RCRA 8
- ☐ Barium
- ☐ Arsenic
- ☐ Selenium
- ☐ Chromium
- ☐ Mercury
- ☐ Cadmium
- ☐ Silver
- ☐ Lead

RCRA 11
- ☐ Copper
- ☐ Zinc
- ☐ Other

Reporting Instructions Email Jake@Dickson.net
☐ Call ( ) - ☐ Fax ( ) - ☒ Email Jake@Dickson.net

Total Number of Samples

	Sample ID	Description	A/R
1	1	caulking	
2	2	Caulking	
3	3	Caulking	
4	4	Caulking	
5	5	Caulking	
6	6	Caulking	
7			
8			
9			
10			
11			
12			
13			
14			
15			

	Print Name	Signature	Company	Date	Time
Sampled by	Jacd Clark		Dickson	10/6/21	9:45
Relinquish by	RYAN LECHOWICZ		Dickson	10/07/21	11:30 AM

Office Use Only

	Print Name	Signature	Company	Date	Time
Received by	Umer Khan		NVL	10/7/21	1140
Analyzed by	Shalin Patel			10/7/21	1500
Called by					
Faxed/Email by					

RYAN LECHOWICZ 10-07-21 11:30 AM

Appendix III: EPA SOP, Sampling Porous Surfaces for PCBs

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

STANDARD OPERATING PROCEDURE FOR SAMPLING POROUS SURFACES FOR POLYCHLORINATED BIPHENYLS (PCBs)

May 2011

STANDARD OPERATING PROCEDURE FOR SAMPLING POROUS SURFACES FOR POLYCHLORINATED BIPHENYLS (PCBs)

The Office of Environmental Measurement and Evaluation
EPA New England – Region 1
11 Technology Dr.
North Chelmsford, MA 01863

Prepared by: Dan Granz, Environmental Engineer — Date: 5/5/11

Reviewed by: Kim Tisa, TSCA PCB Coordinator — Date: 5/5/11

Reviewed by: Jerry Keefe – EIA Team Leader — Date: 05/23/11

Approved by: Dan Boudreau, EIA Chemistry Team Leader — Date: 5/23/11

Revision Page

Date	Rev#	Summary of Changes	Sections
12/97	1	Initial Approval, draft	
3/20/08	2	Major update, only for PCBs, added TSCA sampling	All sections
7/17/08	3	Disposal of dust filter and decon of vac hose	11.0 and 14.0
5/04/11	4	Vacuum Trap Design and Clean-out	9.4

Table of Contents

1.0 Scope and Application

1.1 This Standard Operating Procedure (SOP) is suitable for collection of a porous matrix sample for analysis of Polychlorinated Biphenyls (PCBs).

1.2 This SOP describes sampling techniques for both hard and soft porous surfaces.

1.2.1 Hard surfaces, and most soft surfaces, can be sampled using an impact hammer drill to generate a uniform, finely ground, powder to be extracted and analyzed for PCBs. This procedure is primarily geared at providing enough sample quantity for two analyses. Hard porous surfaces include concrete, brick, asphalt, cement, sandstone, limestone, unglazed ceramics, and other possible PCB suspected material. This procedure may also be used on other softer porous surfaces, such as wood.

1.2.2 Soft surfaces can be sampled using a chisel or sharp knife to generate a representative sample to be extracted and analyzed for PCBs. Soft porous surfaces include wood, wall plasterboard, low density plastics, rubber, caulking, and other PCB suspected material.

1.3 This SOP provides for collection of surface samples (0 – 0.5 inches) and delineation of PCB contamination throughout the core of the porous surface. The procedure can be used to sample the porous surface at distinctly different depth zones.

2.0 Method Summary

A one-inch or other sized diameter carbide drill bit is used in a rotary impact hammer drill to generate a fine powder, or other representative sample, suitable for extraction and analysis of PCBs from porous surfaces. This method also allows the use of chisels or knives for the collection of samples from soft porous surfaces for PCB analysis.

3.0 Definitions

3.1 Field/Bottle Blank: A sample container of the same lot as the containers used for the environmental samples. This evaluates PCB contamination introduced from the sample container(s) from a common lot.

3.2 Equipment/Rinse/Rinsate Blanks: A sample that is collected by pouring hexane over the sample collection equipment after decontamination and before sample collection. The sample is collected in the appropriate sample container identical to the sample containers. This represents background contamination resulting from the field equipment, sampling procedure, sample container, and shipment.

3.3 Field Replicates/Duplicates: Two or more samples collected at the same sampling location. Field replicates should be samples collected side by side. Field replicates represent the precision of the whole method, site heterogeneity, field sampling, and the laboratory analysis.

3.4 Field Split Samples: Two or more representative subsamples taken from one environmental sample in the field. Prior to splitting, the environmental sample is homogenized to correct for sample heterogeneity that would adversely impact data comparability. Field split samples are usually analyzed by different laboratories (interlaboratory comparison) or by the same laboratory (intralaboratory comparison). Field splits are used to assess sample handling procedures from field to laboratory and laboratory comparability.

3.5 Laboratory Quality Samples: Additional samples that will be collected for the laboratory's quality control program: matrix spike, matrix spike duplicate, laboratory duplicates, etc.

3.6 Proficiency Testing (PT)/Performance Evaluation (PE) Sample: A sample, the composition of which is unknown to the laboratory or analyst, provided to the analyst or laboratory to assess the capability to produce results within acceptable criteria. This is optional depending on the data quality objectives. If possible, it is recommended that the PE sample be of similar matrix as the porous surface(s) being sampled.

3.7 Porous Surface: Any surface that allows PCBs to penetrate or pass into itself including, but not limited to, paint or coating on metal; corroded metal; fibrous glass or glass wool; unglazed ceramics; ceramics with porous glaze; porous building stone such as sandstone, travertine, limestone, or coral rock; low density plastics such as Styrofoam and low density polyethylene; coated (varnished or painted) or uncoated wood; painted or unpainted concrete or cement; plaster; plasterboard; wallboard; rubber; caulking; fiberboard; chipboard; asphalt; or tar paper.

3.8 Shipping Container Temperature Blank: A water sample that is transported to the laboratory to measure the temperature of the samples in the cooler.

4.0 Health and Safety

4.1 Eye, respiratory, and hearing protection are required at all times during sample drilling. A properly fitted respirator is required for hard porous surface sampling. A respirator is recommended whenever there is a risk of inhalation of either particulate or volatilized PCBs during sampling.

4.2 All proper personal protection clothing and equipment must be worn.

4.3 When working with potentially hazardous materials or situations, follow EPA, OSHA, and specific health or safety procedures.

4.4 Care must be exercised when using an electrical drill and sharp cutting objects.

5.0 Interferences and Potential Problems

5.1 This sampling technique produces a finely ground uniform powder, which minimizes the physical matrix effects from variations in the sample consistency (i.e., particle size, uniformity, homogeneity, and surface condition). Matrix spike analysis of a sample is highly recommended to monitor for any matrix related interferences.

5.2 Nitrile gloves are recommended. Latex gloves must not be used due to possible phthalate contamination.

5.3 Interferences may result from using contaminated equipment, solvents, reagents, sample containers, or sampling in a disturbed area. The drill bit must be decontaminated between samples. (see Section 11.0.)

5.4 Cross contamination problems can be eliminated or minimized through the use of dedicated sampling equipment.

6.0 Personnel Qualifications

6.1 All field samplers working at hazardous materials/waste sites are required to take a 40 hour health and safety training course prior to engaging in any field activities. Subsequently, an 8 hour refresher health and safety course is required annually.

6.2 The field sampler should be trained by an experienced sampler before initiating this procedure.

6.3 All personnel shall be responsible for complying with all quality assurance/quality control requirements that pertain to their organizational/technical function.

7.0 Equipment and Supplies

7.1 This list varies with the matrix and if depth profiling is required

Rotary impact hammer variable speed drill
1-inch or other suitable (1/2, 3/4, etc.) diameter carbide tip drill bits
Steel chisel or sharp cutting knife, and hammer
Brush and cloths to clean area
Stainless steel scoopulas

Aluminum foil to collect the powder sample
1 quart Cubitainer with the top cut out to collect the powder sample
Aluminum weighing pans to collect the powder sample
Cleaned glass container (2 oz or 40 mL) with Teflon lined cap
Decontamination supplies: hexane, two small buckets, a scrub brush, detergent, deionized water, hexane squirt bottle, and paper towels
Dedicated vacuum cleaner with a disposable filter or a vacuum pump with a dust filter
Polyethylene tubing and Pasteur pipettes
Sample tags/labels, custody seals, and Chain-of-Custody form

8.0 Sampling Design

8.1 A sufficient number of samples must be collected to meet the data quality objectives of the project. If the source of the PCB contamination is regulated under the federal TSCA PCB Regulations at 40 CFR Part 761, the sampler should insure that the sampling design is sufficient to meet any investigation or verification sampling requirements. At a minimum, the following is recommended:

8.1.1 Suspected stained area (s) should be sampled.

8.1.2 At each separate location, collect at least 3 samples of each type of porous surface, regardless of the amount of each type of porous surface present.

8.1.3 In areas where PCB equipment was used or where PCBs were stored, samples should be collected at a frequency of 1 sample/100 square feet (ft^2).

9.0 Sample Collection

9.1 Hard Porous Surfaces

9.1.1 Lock a 1-inch or another size diameter carbide drill bit into the impact hammer drill and plug the drill into an appropriate power source. For easy identification, sample locations may be pre-marked using a marker or paint. (Note: the actual drilling point must not be marked.) Remove any debris with a clean brush or cloth prior to drilling. All sampling decisions of this nature should be noted in the sampling logbook.

9.1.2 Use a Cubitainer with the top cut off or aluminum foil to contain the powdered sample. Begin drilling in the designated location. Apply steady even pressure and let the drill do the work. Applying too much pressure will generate excessive heat and dull the drill bit prematurely. The drill will provide a finely ground powder that can be easily collected.

9.1.3 Samples should be collected at ½-inch depth intervals. Thus, the initial surface sample should be collected from 0 – 0.5 inches. A ½-inch deep hole generates about 10 grams (20 mL) of powder. Multiple holes located closely adjacent to each other, may be needed to generate sufficient sample volumes for a PCB determination. It is strongly recommended that the analytical laboratory be consulted on the minimum sample size needed for PCB extraction and analysis.

9.1.4 Wall and Ceiling Sampling: A team of two samplers will be required for wall and ceiling sampling. The second person will hold a clean catch surface (e.g. an aluminum pan) below the drill to collect the falling powder. Alternatively, use the chuck-end of the drill bit and punch a hole through the center of the collection pan. The drill bit is then mounted through the pan and into the drill. For ceilings, the drill may be held at an angle to collect the powder. Thus the driller can be drilling at an angle while the assistant steadies the pan to catch the falling powder. As a precaution, it may be advantageous to tape a piece of plastic around the drill, just below the chuck, to avoid dust contaminating the body of the drill and entering the drill's cooling vents. Caution must be taken to prevent obstruction of the drill's cooling vents.

9.2 Soft Porous Surfaces

9.2.1 The procedure for the hard porous surface may be used for certain soft porous surfaces, such as wood.

9.2.2 Samples should be collected at no more than ½-inch depth intervals using a metal chisel or sharp cutting knife. Thus, the initial surface sample should be collected from 0 – 0.5 inches. It is important to collect at least 10 grams for analysis.

9.2.3 For soft porous surfaces, such as caulking and rubber, a representative sample can be collected using a metal chisel or sharp cutting knife.

9.3 Multiple Depth Sampling

9.3.1 Multiple Depth Sampling may not be applicable to certain porous surfaces, such as caulking.

9.3.2 Collect the surface sample as outlined in Section 9.1 or 9.2.

9.3.3 Use the vacuum pump or cleaner to clean out the hole.

9.3.4 To collect multiple depths there are two options.

9.3.4.1 Option one: drill sequentially ½-inch increments with the 1 inch drill.

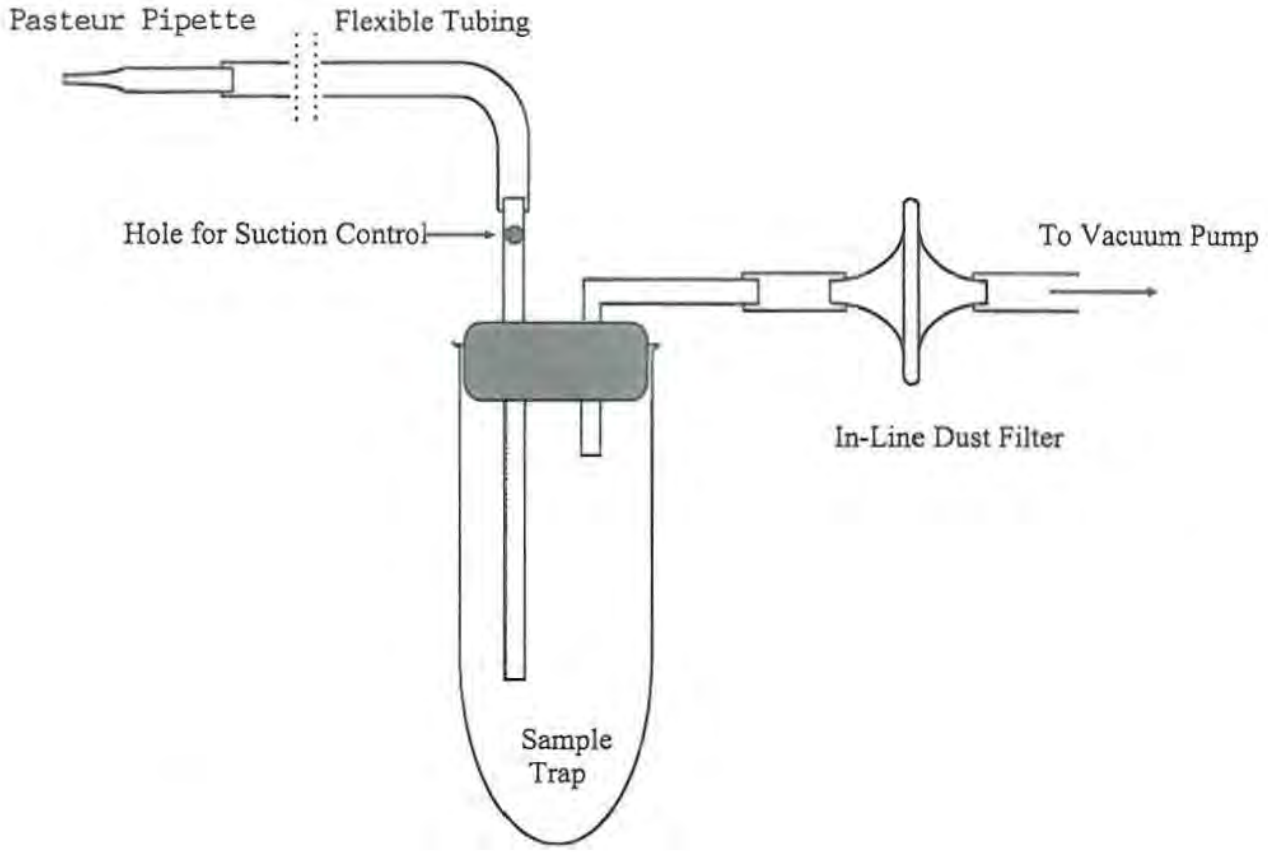
9.3.4.2 Option two: drill with the 1 inch bit and either make the hole larger or use a smaller bit to take the next ½- inch sample.

9.3.5 A stainless steel scoopula will make it easier to collect the sample from the bottom of the hole.

9.4 Vacuum Trap Design and Clean-out

The trap presented in Figure 1 is a convenient and thorough way for collecting and removing concrete powder from drilled holes. The trap system is designed to allow for control of the suction from the vacuum pump and easy trap clean-out between samples. Note, by placing a hole in the inlet tube (see Figure 1), a finger on the hand holding the trap can be used to control the suction at the sampling tip. Thus, when this hole is left completely open, there will be no suction, and the sampler can have complete control over where and what to sample. To change-out between samples the following steps should be taken: 1) the Pasteur pipette and piece of polyethylene tubing at the sample inlet should be replaced with new materials, 2) the portion of the rubber stopper and glass tubing that was in the trap should be wiped down with a clean damp paper towel (wetted with deionized water) and then dried with a fresh paper towel, 3) a clean pipe cleaner should be drawn through the glass inlet tube to remove any concrete dust present, and 4) the glass tube or flask used to collect the sample should swapped out with a clean decontaminated sample trap. Having several clean tubes or flasks on hand will facilitate change-out between samples.

Figure 1



Note: the holes should be vacuumed thoroughly to minimize any cross-contamination between sample depths and the bits should be decontaminated between samples. (See Section 11.0)

10.0 Sample Handling, Preservation, and Storage

10.1 Samples must be collected in glass containers for PCB analyses. In general, a 2-ounce sample container with a Teflon-lined cap (wide-mouth jars are preferred) will hold sufficient mass for most analyses. A 2-ounce jar can hold roughly 90 grams of sample.

10.2 Samples are to be shipped refrigerated and maintained at $\leq$ 6°C until the time of extraction and analysis.

10.3 The suggested holding time for PCB samples is 14 days to extraction.

11.0 Decontamination

11.1 Assemble two decontamination buckets. The first bucket contains a detergent and potable water solution, and the second bucket is for rinsate. Place all used drill bits, hose for the vacuum cleaner, and utensils in the detergent and water bucket. Scrub each piece thoroughly using the scrub brush. Note, the powder does cling to the metal surfaces, so care should be taken during this step, especially with the twists and curves of the drill bits. Next, rinse each piece with water and hexane. Place the rinsed pieces on clean paper towels and individually dry and inspect each piece. Note: all pieces should be dry prior to reuse.

11.2 Lightly contaminated drill bits and utensils may be wiped with a hexane soaked cloth and hexane rinsed for decontamination.

12.0 Data and Record Management

12.1 All data and information collection should follow a Field Data Management SOP or Quality Assurance Project Plan (QAPP).

12.2 Follow the chain of custody procedures to release the samples to the laboratory. A copy is kept with the sampling records.

12.3 The field data is stored for at least 3 years.

13.0 Quality Control and Quality Assurance

13.1 Representative samples are required. The sampler will evaluate the site specific conditions to assure the sample will be representative.

13.2 All sampling equipment must be decontaminated prior to use and between each discrete sample.

13.3 All field Quality Control (QC) sample requirements in a Sample and Analysis Plan (SAP) or QAPP must be followed. The SAP or QAPP may involve field blanks, equipment blanks, field duplicates and/or the collection of extra samples for the laboratory's quality control program.

13.4 Field duplicates should be collected at a minimum frequency of 1 per 20 samples or 1 per non-related porous matrix, whichever is greater.

14.0 Waste Management and Pollution Prevention

14.1 During field sampling events there may be PCB and/or hazardous waste produced from the sample collection. The waste must be handled and disposed of in accordance with federal, state, and local regulations. The dust filter, and tubing if a vacuum pump is used, is disposed after each site investigation. This waste will be treated as PCB waste if the samples are positive for PCBs. It may be possible to manage or dispose of the waste produced at the site where the work was performed. If the site does not meet regulatory requirements for these types of activities, the waste must be transported to a facility permitted to manage and/or dispose of the waste.

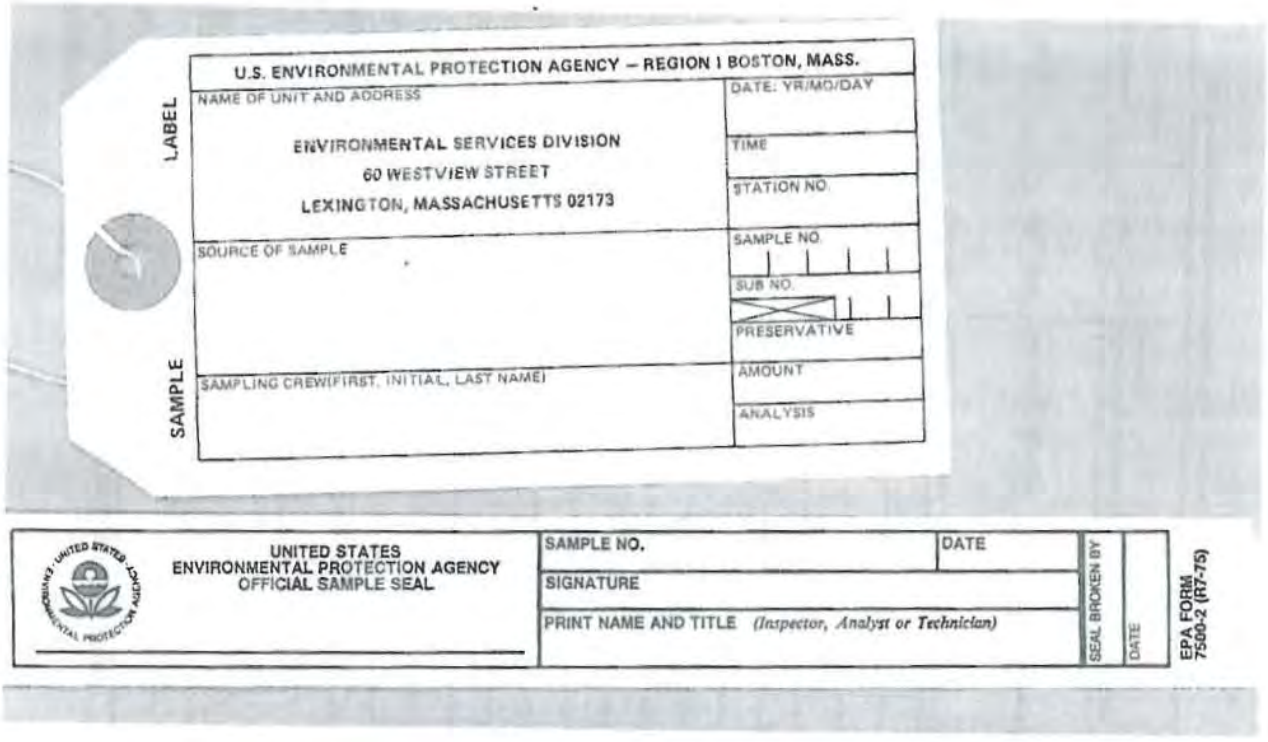
15.0 References

1. Guidance for the Preparation of Standard Operating Procedures for Quality-Related Operations, QA/G-6, EPA/600/R-96/027, November 1995.

2. 40 CFR Part 761 – Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution In Commerce, and Use Prohibitions

3. Sample Container and Holding Time: RCRA SW 846, Chapter 4, Table 4.1, Revision 4, February, 2007.

Example of Sample Label and Custody Seal



LABEL

U.S. ENVIRONMENTAL PROTECTION AGENCY – REGION I BOSTON, MASS.

NAME OF UNIT AND ADDRESS

ENVIRONMENTAL SERVICES DIVISION
60 WESTVIEW STREET
LEXINGTON, MASSACHUSETTS 02173

DATE: YR/MO/DAY

TIME

STATION NO.

SAMPLE

SOURCE OF SAMPLE

SAMPLE NO.

SUB NO.

PRESERVATIVE

SAMPLING CREW(FIRST, INITIAL, LAST NAME)

AMOUNT

ANALYSIS

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
OFFICIAL SAMPLE SEAL

SAMPLE NO.

DATE

SIGNATURE

PRINT NAME AND TITLE *(Inspector, Analyst or Technician)*

SEAL BROKEN BY

DATE

EPA FORM 7500-2 (R7-75)

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME					NO. OF CONTAINERS							REMARKS
SAMPLERS: *(Signature)*													
STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION								

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*

Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*	Date / Time	Remarks

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16940

Example of Chain of Custody Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 155
Seattle, WA 98101

LAND, CHEMICALS & REDEVELOPMENT DIVISION

January 6, 2022

Bridget Fisher
Development Manager, CenterPoint Properties
1808 Swift Drive
Oak Brook, Illinois 60523

Subject: Approval of On-Site Cleanup and Disposal of Polychlorinated Biphenyl (PCB) and PCB Bulk Remediation Waste at 8801 Marginal Way South, Tukwila WA 98108 pursuant to 40 CFR §761.61(a) and (c)

Dear Ms. Fisher:

We have completed our review of the December 2, 2021, Notification and Certification (Notification) from CenterPoint Properties. The Notification is comprised of a signed letter, a workplan for PCB expansion joint caulking removal, and a Sampling and Analysis Plan. The Notification letter requests approval of cleanup, verification and disposal of PCB remediation waste and PCB bulk product waste in accordance with the requirements of 40 CFR §761.61(a**)** and (c) and §761.62(b) for the property located at 8801 E Marginal Way, Tukwila WA 98108.

The Notification provides the basis for EPA's approval of the cleanup pursuant to 40 CFR §761.61(a) and (c). Disposal of PCB bulk product waste pursuant to §761.62(b) is self-implementing and does not require approval from the EPA.

Discovery of PCBs in two groundwater monitoring wells at the site during Remedial Investigation and Feasibility Studies led by the Washington Department of Ecology (Ecology) led to identification of PCBs in joint material in the north fire lane. The Notification is limited to removal and disposal of the joint material and surrounding concrete substrate, controls to prevent releases from removal activity and protect workers during removal, and verification sampling of the remaining concrete to ensure PCB concentrations >1ppm are removed. All activities in the Notification will take place in compliance with 40 CFR §761.61(a) and 761.62(b), except verification sampling. 40 CFR §761.61(a) requires verification sampling in accordance with Subpart O which utilizes a square grid to determine sample locations. A square grid is not practical at this cleanup due to the linear arrangement of the PCB contaminated joint material and remaining concrete that will be sampled. The Notification includes a verification sampling plan which deviates from Subpart O and is subject to approval under 40 CFR §761.61(c). The alternate verification sampling plan will collect samples in a linear arrangement and follow the EPA Standard Operating Procedure for Sampling Porous Surfaces for PCBs (2011). The EPA finds no unreasonable risk of injury to health or the environment from the verification sampling plan included in the Notification.

Only the activities as described in the Notification are approved herein. Any other PCB cleanup or disposal must be addressed under a separate application to, and approval from, the EPA.

All work related to removal and verification of cleanup of PCBs at the site is expected to comply with the details presented in the Notification, as well as any conditions below, and any other applicable requirements of 40 CFR part 761.

Based on our review, your Notification is approved subject to the conditions below. Approval is issued pursuant to 40 CFR § 761.61(a) and verification sampling is approved pursuant to 40 CFR §761.61(c).

1. As stated in 40 CFR § 761.61(a), you must conduct the cleanup in accordance with all applicable requirements of 40 CFR § 761.61(a)(1) through (9), except for verification sampling, which must be conducted as described in Section 5 of the Sampling and Analysis Plan component of the Notification. A copy of the 40 CFR § 761.61(a) requirements is enclosed (Enclosure 1) for your convenience.
2. You must prepare a cleanup completion summary report that describes how you conducted the cleanup in accordance with the applicable regulatory requirements. You must send a copy to the EPA within 120 days after disposal verification is received and final sample results validation is completed.
3. The Office of Land and Emergency Management (OLEM) policy requires that all cleanups protect human health and the environment, which extends to the environmental footprint. Review section 6 of the ASTM Standard Guide to Greener Cleanups for Best Management Practices (BMP) and implement any practices that are feasible. The cleanup completion report should include a section on BMP Documentation, as described in Section 6.6.5 of the Standard Guide.
4. Within 60 days of the date of this approval CenterPoint must set up a meeting between CenterPoint, the EPA, and Washington Department of Ecology to discuss plans for cleaning up PCBs in the groundwater.

Please note that this approval does not relieve you from your duty to comply with all other applicable federal, state, and local requirements. In addition, please note that if you wish to make any changes to your notification (including changes in the project schedule), you must submit your proposal to the EPA in writing no less than 14 calendar days prior to the proposed implementation of the change. All correspondence with the EPA, including questions, should be directed to Michelle Mullin, of my staff, by e-mail at mullin.michelle@epa.gov or by telephone at (206) 553-1616.

Sincerely,

Davis Zhen
Deputy Director
Signing on behalf of:

Timothy B. Hamlin
Director

Enclosure

ENCLOSURE

Regulatory Requirements of 40 CFR. 761.61(a)

Please note that an "X" in the margin [ ] indicates that the cleanup is being managed under approval pursuant to 40 CFR §761.61(c).

[ ] (1) ***Applicability***

(i) The self-implementing procedures may not be used to clean up:

(A) Surface or ground waters.

(B) Sediments in marine and freshwater ecosystems.

(C) Sewers or sewage treatment systems.

(D) Any private or public drinking water sources or distribution systems.

(E) Grazing lands.

(F) Vegetable gardens.

[ ] (ii) The self-implementing cleanup provisions shall not be binding upon cleanups conducted under other authorities, including but not limited to, actions conducted under section 104 or section 106 of CERCLA, or section 3004(u) and (v) or section 3008(h) of RCRA.

[ ] (2) ***Site characterization***. Any person conducting self-implementing cleanup of PCB remediation waste must characterize the site adequately to be able to provide the information required by paragraph (a)(3) of this section. Subpart N of this part provides a method for collecting new site characterization data or for assessing the sufficiency of existing site characterization data.

[ ] (3) ***Notification and certification***.

[ ] (i) At least 30 days prior to the date that the cleanup of a site begins, the person in charge of the cleanup or the owner of the property where the PCB remediation waste is located shall notify, in writing, the EPA Regional Administrator, the Director of the State or Tribal environmental protection agency, and the Director of the county or local environmental protection agency where the cleanup will be conducted. The notice shall include:

[ ] (A) The nature of the contamination, including kinds of materials contaminated.

[ ] (B) A summary of the procedures used to sample contaminated and adjacent areas and a table or cleanup site map showing PCB concentrations measured in all pre-cleanup characterization samples. The summary must include sample collection and analysis dates. The EPA Regional Administrator may require more detailed information including, but not limited to, additional characterization sampling or all sample identification numbers from all previous characterization activities at the cleanup site.

[ ] (C) The location and extent of the identified contaminated area, including topographic maps with sample collection sites cross referenced to the sample identification numbers in the data summary from paragraph (a)(3)(i)(B) of this section.

[ ] (D) A cleanup plan for the site, including schedule, disposal technology, and approach. This plan should contain options and contingencies to be used if unanticipated higher concentrations or wider distributions of PCB remediation waste are found or other obstacles force changes in the cleanup approach.

[ ] (E) A written certification, signed by the owner of the property where the cleanup site is located and the party conducting the cleanup, that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the location designated in the certificate, and are available for EPA inspection. Persons using alternate methods for chemical extraction and chemical analysis for site characterization must include in the certificate a statement that such a method will be used and that a comparison study which meets or exceeds the requirements of subpart Q of this part, and for which records are on file, has been completed prior to verification sampling.

[ ] (ii) Within 30 calendar days of receiving the notification, the EPA Regional Administrator will respond in writing approving of the self-implementing cleanup, disapproving of the self-implementing cleanup, or requiring additional information. If the EPA Regional Administrator does not respond within 30 calendar days of receiving the notice, the person submitting the notification may assume that it is complete and acceptable and proceed with the cleanup according to the information the person provided to the EPA Regional Administrator. Once cleanup is underway, the person conducting the cleanup must provide any proposed changes from the notification to the EPA Regional Administrator in writing no less than 14 calendar days prior to the proposed implementation of the change. The EPA Regional Administrator will determine in his or her discretion whether to accept the change, and will respond to the change notification verbally within 7 calendar days and in writing within 14 calendar days of receiving it. If the EPA Regional Administrator does not respond verbally within 7 calendar days and in writing within 14 calendar days of receiving the change notice, the person who submitted it may deem it complete and acceptable and proceed with the cleanup according to the information in the change notice provided to the EPA Regional Administrator.

[ ] (iii) Any person conducting a cleanup activity may obtain a waiver of the 30-day notification requirement, if they receive a separate waiver, in writing, from each of the agencies they are required to notify under this section. The person must retain the original written waiver as required in paragraph (a)(9) of this section.

[ ] (4) ***Cleanup levels***. For purposes of cleaning, decontaminating, or removing PCB remediation waste under this section, there are four general waste categories: bulk PCB remediation waste, non-porous surfaces, porous surfaces, and liquids. Cleanup levels are based on the kind of material and the potential exposure to PCBs left after cleanup is completed.

[ ] (i) *Bulk PCB remediation waste*. Bulk PCB remediation waste includes, but is not limited to, the following non-liquid PCB remediation waste: soil, sediments, dredged materials, muds, PCB sewage sludge, and industrial sludge.

[ ] (A) *High occupancy areas*. The cleanup level for bulk PCB remediation waste in high occupancy areas is ≤1 ppm without further conditions. High occupancy areas where bulk PCB remediation waste remains at concentrations >1 ppm and ≤10 ppm shall be covered with a cap meeting the requirements of paragraphs (a)(7) and (a)(8) of this section.

[ ] (B) *Low occupancy areas.*

[ ] (*1*) The cleanup level for bulk PCB remediation waste in low occupancy areas is ≤25 ppm unless otherwise specified in this paragraph.

[ ] (*2*) Bulk PCB remediation wastes may remain at a cleanup site at concentrations >25 ppm and ≤50 ppm if the site is secured by a fence and marked with a sign including the M_L mark.

[ ] (*3*) Bulk PCB remediation wastes may remain at a cleanup site at concentrations >25 ppm and ≤100 ppm if the site is covered with a cap meeting the requirements of paragraphs (a)(7) and (a)(8) of this section.

[ ] (ii) *Non-porous surfaces.* In high occupancy areas, the surface PCB cleanup standard is ≤ 10 µg/100 cm^2 of surface area. In low occupancy areas, the surface cleanup standard is <100 µg/100 cm^2 of surface area. Select sampling locations in accordance with subpart P of this part or a sampling plan approved under paragraph (c) of this section.

[ ] (iii) *Porous surfaces.* In both high and low occupancy areas, any person disposing of porous surfaces must do so based on the levels in paragraph (a)(4)(i) of this section. Porous surfaces may be cleaned up for use in accordance with §761.79(b)(4) or §761.30(p).

[ ] (iv) *Liquids*. In both high and low occupancy areas, cleanup levels are the concentrations specified in §761.79(b)(1) and (b)(2).

[ ] (v) *Change in the land use for a cleanup site*. Where there is an actual or proposed change in use of an area cleaned up to the levels of a low occupancy area, and the exposure of people or animal life in or at that area could reasonably be expected to increase, resulting in a change in status from a low occupancy area to a high occupancy area, the owner of the area shall clean up the area in accordance with the high occupancy area cleanup levels in paragraphs (a)(4)(i) through (a)(4)(iv) of this section.

[ ] (vi) The EPA Regional Administrator, as part of his or her response to a notification submitted in accordance with §761.61(a)(3) of this part, may require cleanup of the site, or portions of it, to more stringent cleanup levels than are otherwise required in this section, based on the proximity to areas such as residential dwellings, hospitals, schools, nursing homes, playgrounds, parks, day care centers, endangered species habitats, estuaries, wetlands, national parks, national wildlife refuges, commercial fisheries, and sport fisheries.

[ ] (5) ***Site cleanup.*** In addition to the options set out in this paragraph, PCB disposal technologies approved under §§761.60 and 761.70 are acceptable for on-site self-implementing PCB remediation waste disposal within the confines of the operating conditions of the respective approvals.

[ ] (i) *Bulk PCB remediation waste*. Any person cleaning up bulk PCB remediation waste shall do so to the levels in paragraph (a)(4)(i) of this section.

[ ] (A) Any person cleaning up bulk PCB remediation waste on-site using a soil washing process may do so without EPA approval, subject to all of the following:

(*1*) A non-chlorinated solvent is used.

(*2*) The process occurs at ambient temperature.

(*3*) The process is not exothermic.

(*4*) The process uses no external heat.

(*5*) The process has secondary containment to prevent any solvent from being released to the underlying or surrounding soils or surface waters.

(*6*) Solvent disposal, recovery, and/or reuse is in accordance with relevant provisions of approvals issued according to paragraphs (b)(1) or (c) of this section or applicable paragraphs of §761.79.

[ ] (B) Bulk PCB remediation waste may be sent off-site for decontamination or disposal in accordance with this paragraph, provided the waste is either dewatered on-site or transported off-site in containers meeting the requirements of the DOT Hazardous Materials Regulations (HMR) at 49 CFR parts 171 through 180.

[ ] (*1*) Removed water shall be disposed of according to paragraph (b)(1) of this section.

[ ] (*2*) Any person disposing off-site of dewatered bulk PCB remediation waste shall do so as follows:

(i) Unless sampled and analyzed for disposal according to the procedures set out in §§761.283, 761.286, and 761.292, the bulk PCB remediation waste shall be assumed to contain ≥50 ppm PCBs.

(ii) Bulk PCB remediation wastes with a PCB concentration of <50 ppm shall be disposed of in accordance with paragraph (a)(5)(v)(A) of this section.

(iii) Bulk PCB remediation wastes with a PCB concentration ≥50 ppm shall be disposed of in a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA, or a PCB disposal facility approved under this part.

(iv) The generator must provide written notice, including the quantity to be shipped and highest concentration of PCBs (using extraction EPA Method 3500B/3540C or Method 3500B/3550B followed by chemical analysis using EPA Method 8082 in SW-846 or methods validated under subpart Q of this part) at least 15 days before the first shipment of bulk PCB remediation waste from each cleanup site by the generator, to each off-site facility where the waste is destined for an area not subject to a TSCA PCB Disposal Approval.

[ ] (*3*) Any person may decontaminate bulk PCB remediation waste in accordance with §761.79 and return the waste to the cleanup site for disposal as long as the cleanup standards of paragraph (a)(4) of this section are met.

[ ] (ii) Non-porous surfaces. PCB remediation waste non-porous surfaces shall be cleaned on-site or off-site for disposal on-site, disposal off-site, or use, as follows:

[ ] (A) For on-site disposal, non-porous surfaces shall be cleaned on-site or off-site to the levels in paragraph (a)(4)(ii) of this section using:

(*1*) Procedures approved under §761.79.

(*2*) Technologies approved under §761.60(e).

(*3*) Procedures or technologies approved under paragraph (c) of this section.

[ ] (B) For off-site disposal, non-porous surfaces:

(*1*) Having surface concentrations <100 µg/100 cm^2 shall be disposed of in accordance with paragraph (a)(5)(i)(B)(2)(*ii*) of this section. Metal surfaces may be thermally decontaminated in accordance with §761.79(c)(6)(i).

(*2*) Having surface concentrations ≥100 µg/100 cm^2 shall be disposed of in accordance with paragraph (a)(5)(i)(B)(2)(*iii*) of this section. Metal surfaces may be thermally decontaminated in accordance with §761.79(c)(6)(ii).

[ ] (C) For use, non-porous surfaces shall be decontaminated on-site or off-site to the standards specified in §761.79(b)(3) or in accordance with §761.79(c).

[ ] (iii) *Porous surfaces.* Porous surfaces shall be disposed on-site or off-site as bulk PCB remediation waste according to paragraph (a)(5)(i) of this section or decontaminated for use according to §761.79(b)(4), as applicable.

[ ] (iv) *Liquids.* Any person disposing of liquid PCB remediation waste shall either:
(A) Decontaminate the waste to the levels specified in §761.79(b)(1) or (b)(2).
(B) Dispose of the waste in accordance with paragraph (b) of this section or an approval issued under paragraph (c) of this section.

[ ] (v) *Cleanup wastes.* Any person generating the following wastes during and from the cleanup of PCB remediation waste shall dispose of or reuse them using one of the following methods:

[ ] (A) Non-liquid cleaning materials and personal protective equipment waste at any concentration, including non-porous surfaces and other non-liquid materials such as rags, gloves, booties, other disposable personal protective equipment, and similar materials resulting from cleanup activities shall be either decontaminated in accordance with §761.79(b) or (c), or disposed of in one of the following facilities, without regard to the requirements of subparts J and K of this part:
(*1*) A facility permitted, licensed, or registered by a State to manage municipal solid waste subject to part 258 of this chapter.
(*2*) A facility permitted, licensed, or registered by a State to manage non-municipal non-hazardous waste subject to §§257.5 through 257.30 of this chapter, as applicable.
(*3*) A hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA.
(*4*) A PCB disposal facility approved under this part.

[ ] (B) Cleaning solvents, abrasives, and equipment may be reused after decontamination in accordance with §761.79.

[ ] (6) ***Cleanup verification*** —

[**X**] (i) *Sampling and analysis.* Any person collecting and analyzing samples to verify the cleanup and on-site disposal of bulk PCB remediation wastes and porous surfaces must do so in accordance with subpart O of this part. Any person collecting and analyzing samples from non-porous surfaces must do so in accordance with subpart P of this part. Any person collecting and analyzing samples from liquids must do so in accordance with §761.269. Any person conducting interim sampling during PCB remediation waste cleanup to determine when to sample to verify that cleanup is complete, may use PCB field screening tests.

Verification sampling in accordance with subpart O is not practical at this cleanup, due to the linear arrangement of PCB contaminated caulk and remaining concrete that will be sampled. Section 5 of the Sampling and Analysis Plan component of the Notification includes alternate sampling in a linear arrangement and following the EPA Standard Operating Procedure for Sampling Porous Surfaces for PCBs (2011)***. The EPA approves the verification sampling plan in the Notification under 40 CFR 761.61(c).***

[ ] (ii) *Verification.*

(A) Where sample analysis results in a measurement of PCBs less than or equal to the levels specified in paragraph (a)(4) of this section, self-implementing cleanup is complete.

(B) Where sample analysis results in a measurement of PCBs greater than the levels specified in paragraph (a)(4) of this section, self-implementing cleanup of the sampled PCB remediation waste is not complete. The owner or operator of the site must either dispose of the sampled PCB remediation waste, or reclean the waste represented by the sample and reinitiate sampling and analysis in accordance with paragraph (a)(6)(i) of this section.

[ ] (7) ***Cap requirements.*** A cap means, when referring to on-site cleanup and disposal of PCB remediation waste, a uniform placement of concrete, asphalt, or similar material of minimum thickness spread over the area where remediation waste was removed or left in place in order to prevent or minimize human exposure, infiltration of water, and erosion. Any person designing and constructing a cap must do so in accordance with §264.310(a) of this chapter, and ensure that it complies with the permeability, sieve, liquid limit, and plasticity index parameters in §761.75(b)(1)(ii) through (b)(1)(v). A cap of compacted soil shall have a minimum thickness of 25 cm (10 inches). A concrete or asphalt cap shall have a minimum thickness of 15 cm (6 inches). A cap must be of sufficient strength to maintain its effectiveness and integrity during the use of the cap surface which is exposed to the environment. A cap shall not be contaminated at a level ≥1 ppm PCB per AroclorTM (or equivalent) or per congener. Repairs shall begin within 72 hours of discovery for any breaches which would impair the integrity of the cap.

[ ] (8) ***Deed restrictions for caps, fences and low occupancy areas***. When a cleanup activity conducted under this section includes the use of a fence or a cap, the owner of the site must maintain the fence or cap, in perpetuity. In addition, whenever a cap, or the procedures and requirements for a low occupancy area, is used, the owner of the site must meet the following conditions:

[ ] (i) Within 60 days of completion of a cleanup activity under this section, the owner of the property shall:

[ ] (A) Record, in accordance with State law, a notation on the deed to the property, or on some other instrument which is normally examined during a title search, that will in perpetuity notify any potential purchaser of the property:

(*1*) That the land has been used for PCB remediation waste disposal and is restricted to use as a low occupancy area as defined in §761.3.

(*2*) Of the existence of the fence or cap and the requirement to maintain the fence or cap.

(*3*) The applicable cleanup levels left at the site, inside the fence, and/or under the cap.

[ ] (B) Submit a certification, signed by the owner, that he/she has recorded the notation specified in paragraph (a)(8)(i)(A) of this section to the EPA Regional Administrator.

[ ] (ii) The owner of a site being cleaned up under this section may remove a fence or cap after conducting additional cleanup activities and achieving cleanup levels, specified in paragraph (a)(4) of this section, which do not require a cap or fence. The owner may remove the notice on the deed no earlier than 30 days after achieving the cleanup levels specified in this section which do not require a fence or cap.

[ ] (9) ***Recordkeeping***. For paragraphs (a)(3), (a)(4), and (a)(5) of this section, recordkeeping is required in accordance with §761.125(c)(5).

Appendix D Waste Profile and Signed Waste Manifest

Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #	Expiration Date
4178221233	1/28/2023

I. Decision Request: ☑ Initial ☐ Recertification ☐ Change

Disposal Facility: 4178 - Roosevelt Regional MSW L/F

Generator Name: Centerpointe 8801 Marginal LLC

Generator Site Address: 8801 East Marginal Way South

City: Tukwila **County:** **State:** WA **Zip:**

Name of Waste: PCB Joint Compound on Concrete

Estimated Annual Volume: 200 Tons

II. Special Waste Department Decision: ◉ Approved ○ Rejected

Management Method(s): ☑ Landfill ☐ Solidification ☐ Bioremediation ☐ Deep Well ☐ Transfer Facility

Problematic Special Waste according to Republic? ○ Yes ◉ No

If yes, which one?

Approved by Special Waste Review Committee? ○ Yes ○ No ◉ Not Applicable

Precautions, Conditions or Limitations on Approval

The waste described on this Generator Waste Profile Sheet must meet the requirements of 40 CFR 761.62(b) (PCB Bulk Product Waste: Disposal in Solid Waste Landfills Option).

Special Waste Analyst Signature: _____ **Name (Printed):** Holly Wilson

Date: 1/31/2022

III. Facility Decision: ☑ Approved ○ Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____ **Name (Printed):** Joshua Shaw

Date: 1/31/2022

20ft containers

Certification No. TB-1233
Billing Acct. No 12473
Product Code 38

Take to BR

BILL OF LADING

concrete PCB

REGIONAL DISPOSAL COMPANY
54 S. Dawson Street
Seattle, WA 98134
Telephone: (206) 332-7700 / Fax: (206) 332-7600

This Bill of Lading augments the Master Service Agreement ("Agreement") entered into by Dickson Company (Generator/Agent) and Regional Disposal Company ("RDC") on 2/1/2022 (date). The terms herein are made a part of the Agreement. In the event of conflict between this Bill of Lading and the Agreement, the terms of the Agreement prevail.

RDC hereby authorizes the Wastes ("Waste") described in Certification No. TB-1233 signed by Generator/Agent on 2/1/2022 (date), for disposal at Roosevelt Regional Landfill. Contractor shall present a copy of this Bill of Lading with each shipment delivered.

Location of Waste: 8801 East Marginal Way South Seattle

Method of Shipment:

Additional Fees (e.g., laboratory fees, transportation fees, special handling fees, etc. If none, so state):

PERFORMANCE DATE

FOR RDC TRANSPORTATION: Generator shall make the Waste available for shipment no later than _____ (date). RDC shall transport the Waste no later than _____ (date), unless RDC notifies the Generator in writing that Waste transport shall be suspended or canceled due to RDC's exercise of its right to inspect or analyze the Waste (as provided in the Agreement).

FOR GENERATOR TRANSPORTATION: Agent shall begin delivery of the Waste at [*check one*]:

[X] Roosevelt Regional Landfill. [ ] Seattle Transfer Station located at Third and Lander.

Waste delivery shall begin no later than 2/1/2022 (date), and shall complete delivery of the Waste no later than 1/28/2023 (date), unless RDC notifies Generator/Agent in writing to suspend or cancel the waste delivery due to RDC's exercise of its right to inspect or analyze the Waste (As provided in the Agreement).

GENERATOR / AGENT

Signature

Dan Kneeland- Dispatch
Printed Name and Title

2-1-2022
Date

REGIONAL DISPOSAL COMPANY

Teresa Dillashaw
Signature

Teresa Dillashaw SW Sales
Printed Name and Title

2/1/2022
Date

AGENT SPECIAL WASTE DISPOSAL SERVICES AGREEMENT FOR NON-HAZARDOUS WASTES

Special Waste Profile No: 4178 22 1233

INVOICE TO (AGENT BILLING INFORMATION)	
AGENT NAME (the "Agent")	
Dickson Company	
ATTN:	
Dan Kneeland	
ADDRESS	
3315 S Pine St.	
Tacoma, WA	98409
CITY, STATE	ZIP CODE

LANDFILL FACILITY ("Company")	
LEGAL ENTITY NAME	
4178 Roosevelt Regional MSW Landfill / Regional Disposal Company	
ADDRESS	
500 Roosevelt Grade Road Roosevelt WA 99356	
TEL. NO.	FAX NO.
509.384.5641	
AUTHORIZED BY:	TITLE
CONTACT	TITLE

Project: Centerpointe 8801 Marginal LLC **County and State of Origin:** King, Washington

Generator Address: 8801 Marginal Way Seattle

1. **Special Waste Services.** Subject to the terms and conditions contained in this Agreement (as defined in Section 4), Company agrees to accept, at the Facility designated above, Acceptable Waste (as defined in Section 6).

2. **Rates:**

A. Rates for Disposal:

Waste	Disposal Method	Disposal Rate:	Fees / Taxes / Misc.	Transportation
PCB -Concrete -20s	LANDFILL	$1475.00 container for 25 tons. Over 25 tons will be $115.58 per ton	Washington State Refuse Tax 3.6% 10.1% Washington State sales tax chassis	NA

Additional Information: *** The profile will expire on January 28, 2023***

Cannot Exceed Daily Volume of N/A Without Prior Approval of Company.

B. Incorporation by Reference. In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

1) TB-1233

2)

C. Taxes, Fees & Other Charges. Agent shall also be liable for all taxes, fees, or other charges imposed by federal, state, local or provincial laws, ordinances and regulations, and all charges set forth in Section 9, including, without limitation, site specific fees, host fees, fuel recovery fees, environmental recovery fees and administrative fees.

3. **Term of Agreement.** This Agreement is effective for 12 months beginning on February 1, 2022 (the "Initial Term") and shall automatically renew for successive 0 month periods (each, a "Renewal Term"), unless written notice of non-renewal is delivered in accordance with Section 19 by one party to the other party at least 30 days before the expiration of the Initial Term or any Renewal Term.

Except for requests for bids that Agent must send to multiple parties under any Applicable Laws, Agent grants to Company the right to bid and/or compete for any future services sought by Agent, whether by means of competitive bids or otherwise, that are for services comparable to those provided under this Agreement.

COMPANY AND AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED IN THIS AGREEMENT, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE, AND ON THE REVERSE SIDE OF THIS PAGE. IN ADDITION, AGENT IS CERTIFYING THE TERMS AND CONDITIONS ON THE REVERSE SIDE OF THIS PAGE HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT

SIGNATURE (AUTHORIZED REPRESENTATIVE)

Dan Kneeland - Dispatch

NAME AND TITLE (PLEASE PRINT)

DATE: 2-1-2022

COMPANY

Teresa Dillashaw

SIGNATURE (AUTHORIZED REPRESENTATIVE)

Teresa Dillashaw SW Sales

NAME AND TITLE (PLEASE PRINT)

DATE: 2/1/2022

. The Agreement. This agreement of the parties (this "Agreement") for the transportation and disposal of Acceptable Waste shall consist of this Agreement, riders to this Agreement (if any), any Special Waste profile(s) (including any approved changes and re-certifications) which Agent shall ensure has the identical Special Waste profile number as this Agreement (a "Special Waste Profile"), manifests, any other documentation that Agent is required to submit to Company in connection with the transportation and disposal of Acceptable Waste, and any permits and approvals that may be applicable to the transportation and disposal of such Acceptable Waste (collectively, the "Acceptable Waste Documentation").

. Waste Accepted at Facility. Agent represents, warrants and covenants that all of Agent's waste transported to and delivered for disposal at the Facility will be Acceptable Waste and will not contain any "Unacceptable Waste," which for purposes of this Agreement means any: (a) hazardous materials, substances or wastes; radioactive materials or substances; biomedical, infectious, biohazardous toxic waste or substances; or any other pollutant, contaminant, or substance that is hazardous or threatening to human health, safety or the environment, in each as determined by Company or as defined or identified by applicable federal, state, provincial, tribal and local laws, permits, licenses, regulations, rules and orders regarding the same (collectively "Applicable Laws"); or (b) waste that is not acceptable under Applicable Laws for transportation to, storage at, disposal by or processing at the applicable Facility. Agent shall in all matters relating to the collection, transportation and disposal of the Acceptable Waste comply with all Applicable Laws.

. Acceptable Waste. Only waste that satisfies each of the following criteria shall be accepted for transportation to and disposal at the Facility ("Acceptable Waste"): (a) the waste conforms to the description set forth in the Acceptable Waste Documentation; (b) the waste does not contain any Unacceptable Waste; (c) the waste is accurately reflected on any Special Waste Profile(s) as directed by the Company pursuant to Section 7; (d) the waste is acceptable for transportation to and disposal at the Facility under all Applicable Laws; and (e) the transportation to and disposal of the waste at the Facility is otherwise in accordance with this Agreement. The parties may incorporate additional Acceptable Waste as part of this Agreement if prior to delivery of such waste to Company, Agent has provided appropriate Acceptable Waste Documentation for such Acceptable Waste and Company has approved disposal of such Acceptable Waste in writing and subject to the limitations and conditions contained in Company's written notice of approval. Company shall acquire title to Acceptable Waste when it is loaded into Company's truck. Title to, and liability for, Waste handled or disposed of by Company shall at all times remain with Generator and Agent.

. Rights of Refusal/Rejection. The Agent shall inspect all Special Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of waste(s) delivered to its Facility including if the Company believes (a) the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any Applicable Laws; or (b) that the waste contains Unacceptable Waste. The Company has the right to refuse, or to reject after acceptance, any load(s) of waste(s) delivered to its Facility if the Company has reason to believe, in its sole discretion, that the waste: (1) emits excessive odors; (2) negatively impacts operations at the Facility. The Company shall have the right to inspect all vehicles of waste haulers, including the Agent's vehicles, in order to determine whether the waste is Acceptable Waste pursuant to this Agreement and Applicable Laws. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement.

. Limited License to Enter. This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Acceptable Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.

. Charges and Payment. Payment shall be made by Agent within twenty (30) days after receipt of invoice from Company. If any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Acceptable Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon thirty (30) days written notice to Agent. For the purposes of this section, written notice may be provided via email, certified mail, or overnight courier. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.

0. Termination/Suspension. Company shall have the right to immediately terminate and/or suspend this Agreement upon the occurrence of any of the following events of default: (a) Agent's failure to timely pay any amounts due under this Agreement to Company; (b) Agent's breach of any of its obligations, representations, warrants or covenants under this Agreement or any Acceptable Waste Documentation; or (c) the filing of a voluntary or involuntary petition for reorganization or bankruptcy against Agent. Agent shall be liable for any losses, claims, expenses and damages incurred by Company as a result of suspension or termination hereunder. Agent's obligations, representations, warranties and covenants regarding the Acceptable Waste delivered and all indemnities contained in this Agreement shall survive expiration and termination of this Agreement. Additionally, Company shall have the right to terminate this Agreement for convenience at any time on 30 days notice to Agent.

1. Personnel Knowledge and Authority. Agent represents, warrants and covenants that its personnel and agents have been advised by Agent of Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility.

2. Indemnification. Each party shall indemnify, defend and hold harmless the other party and its subsidiaries, affiliates and parent corporations, as applicable, and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys' fees (collectively, "Losses") arising out of or in connection with such party's breach of this Agreement or arising out of the negligence or willful misconduct by such party or such party's employees, agents, subcontractors or representatives. Agent further agrees to indemnify, defend and hold harmless Company, the legal entity owning and/or operating the Facility, their subsidiaries, affiliates and parent corporations, as applicable, and each of their respective officers, directors, lenders, employees, subcontractors and agents (collectively, the "Company Indemnified Parties") from and against any and all Losses arising out of or related to (a) the transportation to and/or disposal of any Unacceptable Waste at the Facility, whether or not Agent or Company was negligent in failing to identify the Unacceptable Waste; (b) the reloading and/or removal of Unacceptable Waste at the Facility; (c) any penalties, fines or remediation activities incurred by or imposed as the result of the transportation and/or disposal of Unacceptable Waste; (d) any increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of Company as to the content of the waste transported and/or disposed of at the Facility following discovery of potentially Unacceptable Waste; and (e) the Company's inability to use the Facility due to the presence of Unacceptable Waste including without limitation any consequential damages. Company may also, in its sole discretion, require Agent to promptly remove the Unacceptable Waste at Agent's sole expense. The indemnification and other obligations stated in this Section 11 shall survive the expiration and termination of this Agreement.

13. Insurance. Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
Employer's Liability	$1,000,000
General Liability	$1,000,000 combined single limit
Automobile Liability (where Agent hauling)	$1,000,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Agent shall deliver the Certificates of Insurance evidencing the foregoing policies to Company before Agent delivers any waste to the Facility pursuant to this Agreement. In addition, the (i) Commercial General Liability (including the Umbrella/Excess policy) policy must include Contractual Liability coverage specifically covering Agent's indemnification of Company, and (ii) The Commercial General Liability, Automobile Liability and the Umbrella/Excess Liability policies must be written on an "occurrence form". Said polices shall not thereafter be canceled, be permitted to expire or laps, or be changed without 30 days advance written notice has been given to Company. With the exception of workers' compensation, Company shall be shown as additional insureds under all of the insurance policies required by this Section 13. The policies required by this Section 13 shall be primary and non-contributory with respect to Company, and the insurance providers shall agree to waive their rights of subrogation against Company

14. Failure to Perform. Except for Agent's obligation to pay amounts due to Company, neither party shall be liable for its failure to perform due to circumstances that are both not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party. If any of the circumstances provided for in the preceding sentence occur, including, without limitation, whether any federal, state or local court or governmental authority takes any action that would (a) close or restrict operations at the Facility; or (b) limit the quantity or prohibit the disposal of Acceptable Waste at the Facility, Company shall have the right to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice; provided, however, that Agent's payment and indemnification obligations shall survive such reduction, suspension or termination. Neither Party is required to settle any labor dispute against its own best judgment.

15. Assignment; Performance of Services. Agent may not assign, transfer, subcontract or otherwise vest in any other company, entity or person, in whole or in part, any of its rights or obligations under this Agreement without the prior written consent of Company, which Company may withhold in its sole discretion. Company may freely assign this Agreement or any of its rights or obligations thereunder, to any other company, entity or person, in its sole discretion. Additionally, Company may freely use any of its affiliates to provide the services and fulfill Company's obligations under this Agreement.

16. Right of Disposal. This Agreement does not grant any rights to dispose of waste or impose any obligations on Company to transport or dispose of waste, other than as specifically set forth in this Agreement.

17. Continuing Compliance. Agent has a continuing obligation to inform Company of any new information, or information not previously provided to Company by Agent, which may affect the acceptability of the waste by Company. Further, Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of this Agreement and any Acceptable Waste Documentation including without limitation to the following: (a) providing new, updated Special Waste Profiles on the waste offered for transportation and disposal; (b) providing appropriate certification that the waste being offered for transportation and disposal is accurately reflected by the appropriate Special Waste Profile and (c) re-sampling the waste at Agent's sole expense if reasonable cause exists as to its acceptability under the terms of this Agreement or any Acceptable Waste Documentation.

18. Miscellaneous.

(A) This Agreement shall be governed by the laws of the State in which the Facility is located.
(B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
(C) Unless otherwise provided for herein, no modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
(D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
(E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
(F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
(G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
(H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.
(I) Company may provide any of the Services covered by this Agreement through any of its affiliates or subcontractors, provided that Company shall remain responsible for the performance of all such services and obligations in accordance with this Agreement

19. Notices. Unless otherwise provided herein, all notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

20. Liquidated Damages. If Agent terminates this Agreement before its expiration other than as a result of a breach by Company, Agent shall pay Company an amount equal to the most recent month's monthly charges multiplied by the lesser of (a) six months or (b) the number of months remaining in the term. Agent acknowledges that in the event of such a termination, actual damages to Company would be uncertain and difficult to ascertain, such amount is the best, reasonable and objective estimate of the actual damages to Company, such amount does not constitute a penalty, and such amount is reasonable under the circumstances. Any amount payable under this paragraph shall be in addition to amounts already owing under this Agreement.

Special Waste Profile

REPUBLIC SERVICES

Disposal Facility: 4178 Roosevelt Regional MSW Landfill WA

Waste Profile #: 4178 22 1233

Sales Rep #: 251 - Teresa Dillashaw

I. Generator Information

Generator Name: Centerpointe 8801 Marginal LLC

Generator Site Address: 8801 East Marginal Way South

City: Tukwila County: King State: Washington Zip: 98092

State ID/Reg No: State Approval/Waste Code: NAICS #:

Generator Mailing Address ☑ (if different) 1801 Swift Drive

City: Oak Brook County: Dupage State: Illinois Zip: 60523

Generator Contact Name: John Lass Email:

Phone Number: 847-710-0898 Ext: Fax Number:

II. Billing Information

Bill To: Dickson Company Contact Name: Dan Kneeland

Billing Address: 3315 South Pine Street Email: dan@dickson.net

City: Tacoma State: Washington Zip: 98409 Phone: 253-255-8897

III. Waste Stream Information

Name of Waste: PCB Joint Compound on Concrete

Process Generating Waste: PCB bulk product waste from caulking on concrete per 40 CFR 761.62(b)(1)
20 tons of material with 200 lbs of joint compound

Type of Waste: Pollution Control Waste Physical State: Solid Method of Shipment: Bulk

Estimated Volume: 200 Volume Type: Tons

Frequency: One-time Event (single project) Disposal Consideration: Landfill

IV. Representative Sample Certification

☐ **No Sample Taken**

☑ **Sample Taken** **Type of Sample** Grab Sample

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent? ☑ **Yes** ☐ **No**

Sample Date: 8/13/2021

Sample ID Numbers or SDS: #1 and 2

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

Special Waste Profile

REPUBLIC SERVICES

V. Physical Characteristics of Waste

Characteristic Components (must equal 100%:)	% By Weight (out of 100% - ranges acceptable):
1. concrete with joint compound	100
2.	
3.	
4.	
5.	

Color:	Odor (describe):	Does Waste Contain Free Liquids?	% Solids:	pH:	Flash Point:
Grey	None	☐ Yes ☑ No	100	NA	NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

RCRA Regulatory Questions

1. Does this waste or generating process contain regulated concentrations of the following Pesticides and/ or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33? ☐ Yes ☑ No
2. Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]? ☐ Yes ☑ No
3. Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761? ☑ Yes ☐ No
4. Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents? ☐ Yes ☑ No
5. Has this waste been delisted under 40 CFR 260.20 and 260.22? If yes, attach the final decision to delist the waste as published in the Federal Register. ☐ Yes ☑ No
6. Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations? If Yes, identify the applicable waste code and specify if the waste is hazardous as defined by Federal, State or both? ☐ Yes ☑ No

   _____
7. Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31? ☐ Yes ☑ No
8. Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations? ☐ Yes ☑ No
9. Is this a regulated Radioactive Waste as defined by Federal and/or State regulations? ☐ Yes ☑ No
10. Is this a solid waste that is not a hazardous waste in accordance with 40 CFR 261.4(b)? If yes, please provide the corresponding regulatory citation. ☐ Yes ☑ No

Republic Services Waste Handling Questions

1. Does this waste generate heat or react when contacted with water/moisture? ☐ Yes ☑ No
2. Does the waste contain sulfur or sulfur by-products? ☐ Yes ☑ No
3. Is this waste generated at a State or Federal Superfund cleanup site subject to regulation under CERCLA? ☐ Yes ☑ No

4a. Is this waste from a TSD facility, TSD-like facility or consolidator (i.e. multiple wastes/multiple generators)? ☐ Yes ☑ No

4b. If yes to the above question, please provide clarification.

Special Waste Profile

REPUBLIC SERVICES

VI. Certification

I hereby certify that I have knowledge about the waste material being offered for disposal ("Waste") and have the requisite authority to bind the Generator to the information contained in this Special Waste Profile ("Profile"). I further certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the Waste and all known or suspected hazards have been disclosed. All Analytical Results/Safety Data Sheets submitted are truthful and complete and are representative of the Waste.

I further certify that by utilizing this Profile, neither myself nor any other employee or representative of the company identified below ("Company") will deliver for disposal or attempt to deliver for disposal any Waste that: (i) is classified as toxic waste, hazardous waste or infectious waste; (ii) that does not conform to this Profile; or (iii) that this Disposal Facility is prohibiting from accepting by law. I shall immediately give written notice of any change or condition pertaining to the Waste not provided herein. Our Company hereby agrees to fully indemnify this Disposal Facility against any damages resulting from this Profile or Certification being inaccurate or untrue.

I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Profile may be accepted with the same authority as the original.

John Lass	Vice President	CenterPoint 8801 E Marginal LLC
Authorized Representative Name (Printed)	Title (Printed)	Company Name
		1.28.2022
Representative Signature		Date

August 17, 2021

Mr. Demian Hinkle

Dickson Company
3315 South Pine St.
Tacoma, WA 98409

Re: **NVL Batch 2114414.00**

Project Name/Number: N-A

Project location: Center Point E. Marginal Way

Dear Mr. Hinkle,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytical report.

The content of this package consists of the following:

-Case Narrative & Definition of Data Qualifiers
-Analytical Test Results
-Applicable QC Summary
-Client Chain-of-Custody (CoC)
-NVL Receiving Record

The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

Nick Ly, Technical Director

Enclosure: Sample Results

Case Narrative:

The following summarizes samples received on date as shown on the accompanied Chain of custody by NVL Laboratories, Inc. from Dickson Company for Project Location Center Point E. Marginal Way. Samples were logged in for PCB analysis per client request using both customer sample ID's and laboratory assigned ID's as listed on the Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test Results are reported in milligram per kilogram (mg/kg) for PCB samples as shown on the analytical reports.

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
B	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
mg/Kg	milligram per kilogram

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography

Client	**Dickson Company**	Samples Received*	**2**
SDG Number	**2114414.00**	Analyzed By	**Evelyn Ahulu**
Date Reported	**08/17/2021**	Samples Analyzed*	**2**
Project Number	**N-A**	Analysis Method	**8082A**
Location	**Center Point E. Marginal Way**	Preparation Method	**3546PR (PCB)**

* for this test only

Sample Number	**1**	Received	08/16/2021
Lab Sample ID	21093687	Matrix	Material
Initial Sample Size	2.0287 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	4.9	< 4.9	08/16/2021
Aroclor-1221	4.9	< 4.9	08/16/2021
Aroclor-1232	4.9	< 4.9	08/16/2021
Aroclor-1242	4.9	< 4.9	08/16/2021
Aroclor-1248	4.9	< 4.9	08/16/2021
Aroclor-1254	4.9	< 4.9	08/16/2021
Aroclor-1260	4.9	< 4.9	08/16/2021
PCBs, Total	**4.9**	**<4.9**	

Comments: Reporting limit raised due to dilution (matrix interference)

Sample Number	**2**	Received	08/16/2021
Lab Sample ID	21093688	Matrix	Material
Initial Sample Size	2.013 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	5.0	< 5.0	08/16/2021
Aroclor-1221	5.0	< 5.0	08/16/2021
Aroclor-1232	5.0	< 5.0	08/16/2021
Aroclor-1242	5.0	< 5.0	08/16/2021
Aroclor-1248	5.0	< 5.0	08/16/2021
Aroclor-1254	5.0	6.0	08/16/2021
Aroclor-1260	5.0	< 5.0	08/16/2021
PCBs, Total	**5.0**	**6**	

Comments: Reporting limit raised due to dilution (matrix interference)

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Quality Control Results

Project Number:	**N-A**	**SDG Number:**	**2114414**
		Project Manager:	**Demian Hinkle**
QC Batch(es):	**Q1418**	Analysis Method:	**8082A**
QC Batch Method:	3546PR (PCB)	Analysis Description:	Polychlorinated Biphenyls by Gas Chromatography
Preparation Date:	08/16/2021		

Blank: MBLK-2114414

Analyte	Blank Result	Units	DF	RL	Control Limit	Qualifiers
Aroclor-1016	ND	mg/Kg	1	1	1.0	
Aroclor-1221	ND	mg/Kg	1	1	1.0	
Aroclor-1232	ND	mg/Kg	1	1	1.0	
Aroclor-1242	ND	mg/Kg	1	1	1.0	
Aroclor-1248	ND	mg/Kg	1	1	1.0	
Aroclor-1254	ND	mg/Kg	1	1	1.0	
Aroclor-1260	ND	mg/Kg	1	1	1.0	
PCBs, Total	ND	mg/Kg	1	1	1.0	
Surrogates:				% Rec		
Tetrachloro-m-xylene			1	101	40-140	
Decachlorobiphenyl			1	114	40-140	

Lab Control Sample: LCS-1254-2114414

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	% Rec Limits	Qualifiers
Aroclor-1254	21.2	mg/Kg	1	20.0	106	40-140	
Surrogates:							
Tetrachloro-m-xylene			1		96	40-140	
Decachlorobiphenyl			1		139	40-140	

Lab Control Sample: LCS-1016+1260-2114414
Lab Control Sample Duplicate: LCS Dup-1016+1260-2114414

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	20.1	mg/Kg	1	20.0	101	40-140			
	19.2			20.0	96	40-140	4.6	50	
Aroclor-1260	17.2	mg/Kg	1	20.0	86	40-140			
	17.2			20.0	86	40-140	0	50	
Surrogates:									
Tetrachloro-m-xylene			1		107	40-140			
					104	40-140			
Decachlorobiphenyl			1		118	40-140			
					116	40-140			

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

Surrogate Recovery Summary Report

Client Dickson Company **SDG Number** 2114414

Project N-A

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
1-DL	21093687DL1	Decachlorobiphenyl	81%	40-140
1-DL	21093687DL1	Tetrachloro-m-xylene	88%	40-140
2-DL	21093688DL1	Decachlorobiphenyl	95%	40-140
2-DL	21093688DL1	Tetrachloro-m-xylene	101%	40-140
LCS Dup-1016+1260-2114414	LCS Dup-1016+1260-2114414	Decachlorobiphenyl	116%	40-140
LCS Dup-1016+1260-2114414	LCS Dup-1016+1260-2114414	Tetrachloro-m-xylene	104%	40-140
LCS-1016+1260-2114414	LCS-1016+1260-2114414	Decachlorobiphenyl	118%	40-140
LCS-1016+1260-2114414	LCS-1016+1260-2114414	Tetrachloro-m-xylene	107%	40-140
LCS-1254-2114414	LCS-1254-2114414	Decachlorobiphenyl	139%	40-140
LCS-1254-2114414	LCS-1254-2114414	Tetrachloro-m-xylene	96%	40-140
MBLK-2114414	MBLK-2114414	Decachlorobiphenyl	114%	40-140
MBLK-2114414	MBLK-2114414	Tetrachloro-m-xylene	101%	40-140

* Recovery outside limits

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: **2114414** Contract: **N/A**

Determination: **8082 PCB Aroclors <Material>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R001411	CCV1 1016-1260	PCB_2021-1-2	08/16/2021	Aroclor-1016	5	5	ug/mL	100	80-120
		PCB_2021-1-2	08/16/2021	Aroclor-1260	5	5	ug/mL	100	80-120
	CCV1 1254	PCB_2021-1-3	08/16/2021	Aroclor-1254	5	5	ug/mL	100	80-120
	ICV 1016-1254-1260	PCB_2021-1-4	08/16/2021	Aroclor-1016	5	5.179	ug/mL	104	85-115
		PCB_2021-1-4	08/16/2021	Aroclor-1254	5	5.179	ug/mL	104	85-115
		PCB_2021-1-4	08/16/2021	Aroclor-1260	5	5.358	ug/mL	107	85-115
	CCV2 1016-1260	PCB_2021-1-2	08/16/2021	Aroclor-1016	5	5.268	ug/mL	105	80-120
		PCB_2021-1-2	08/16/2021	Aroclor-1260	5	5.015	ug/mL	100	80-120
	CCV2 1254	PCB_2021-1-3	08/16/2021	Aroclor-1254	5	4.973	ug/mL	99	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

ORGANICS LABORATORY SERVICES

NVL

Company Dickson Company
Address 3315 South Pine St.
Tacoma, WA 98409
Project Manager Mr. Demian Hinkle
Phone (253) 472-4489

NVL Batch Number 2114414.00
TAT 1 Day **AH** No
Rush TAT
Due Date 8/17/2021 **Time** 8:30 AM
Email demian@dickson.net
Fax (253) 472-4521

Project Name/Number: N-A **Project Location:** Center Point E Marginal Way

Subcategory Quantitative analysis
Item Code ORG-05 **Method** 8082 PCB Aroclors <Bulk>

Total Number of Samples 2 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	21093687	1		A
2	21093688	2		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	8/16/21	830
Analyzed by	Evelyn Ahyln		NVL	8/16/21	15:00
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Entered By: Fatima Khan Date: 8/16/2021 Time: 8:44 AM

4736 Auburn Ave North Seattle, WA 98103 | p 206.542.0100 | F 206.624.1939 | www.nvlabs.com

NVL
INDUSTRIAL HYGIENE SERVICES
LABORATORY • MANAGEMENT • TRAINING

~~METALS~~ PCB
CHAIN OF CUSTODY

Turn Around Time
☐ 2 Hour ☐ 4 Hours ☒ 24 Hours
☐ 3 Days

2114414

Company Dickson Co
Address 3315 S. Pine Street
Tacoma, WA 98409
Phone 253.255-5168

Project Manager Demian Hinkle
Cell (253) 212-7511
Email Jake@Dickson.net, Demian@Dickson.net
Fax ( ) -

Project Name/Number	Project Location
	Center Point E Marginal Way

☐ Total Metals ☐ TCLP ☒ PCB
☐ FAA (ppm) ☐ ICP (PPM) ☐ GFAA (ppb) ☐ CVAA (ppb)
☐ Air Filter ☐ Paint Chips (cm) ☐ Drinking Water ☐ Other
☐ Paint Chips (%) ☐ Dust Wipes ☐ Waste Water ☐ Soil
RCRA 8: ☐ Barium ☐ Chromium ☐ Silver ☐ Arsenic ☐ Mercury ☐ Lead ☐ Selenium ☐ Cadmium
RCRA 11: ☐ Copper ☐ Zinc ☐ Other

Reporting Instructions
☐ Call ( ) - ☐ Fax ( ) - ☒ Email Jake@Dickson.net

Total Number of Samples

	Sample ID	Description	A/R
1	1	Expansion Joint Sealant	
2	2	Expansion Joint Sealant	
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

	Print Name	Signature	Company	Date	Time
Sampled by	Jacob Clark		Dickson	8/13/21	10:30
Relinquish by	RYAN LECHOWICZ		DICKSON	8/16/21	6:25

Office Use Only

	Print Name	Signature	Company	Date	Time
Received by	Kathmarie		NVL	8/16/21	8:45a
Analyzed by	Evelyn Ahuja			8/16/21	15:00
Called by					
Faxed/Email by					

WASTE SHIPMENT RECORD

TB - 1233

Project Name: Centerpoint

Project Number: 20032

Container Number: TSLU 453871

GENERATOR	1. Waste Generated Site Name and Address: 8801 East Marginal Way S. Tukwila, WA 98108	Owner's Name: Centerpoint 8801 Marginal LLC			Owner's Phone No.: 847 110 8898	
	2. Operator's Name and Address: Dickson Company 3315 S. Pine St., Tacoma, WA 98409				Operator's Phone No.: (253) 472-4489	
	3. Waste Disposal Site (WDS) Name, Address, and Physical Site Location: Roosevelt Regional Land Fill				WDS Phone No.: 1800 275-5641	
	4. Responsible Local, State or EPA Agency Name and Address:					
	5. Description of Waste Materials:	6. Containers		7. Total Quantity		
	PCB joint compound w/ concrete	No.	Type	m³		(ya³)
	Asbestos Containing Materials					
	8. Special Handling Instructions and Additional Information: Carter Parks					
	9. **OPERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.					
	Printed/Typed Name: Dan Knecland	Signature: [signature]		Month: 2	Day: 3	Year: 22
TRANSPORTER	10. Transporter 1 Acknowledgment of Receipt of Materials					
	Printed/Typed Name: KEVIN KEOUGH	Signature: [signature]		Month: 2	Day: 4	Year: 22
	11. Transporter 2 Acknowledgment of Receipt of Materials					
	Printed/Typed Name:	Signature:		Month:	Day:	Year:
WASTE SITE	12. Discrepancy Indication Space					
	13. Authorized Waste Disposal Site Owner or Operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item 12					
	Printed/Typed Name: DAVID W NIEMELA	Signature: [signature]		Month: 2	Day: 10	Year: 22

WHITE: Return to Operator YELLOW: Waste Site PINK: Transporter GOLD: Operator

WASTE SHIPMENT RECORD

TB 1233

Project Name: Centerpoint

Project Number: 20032

Container Number: TGLU429172

GENERATOR	1. Waste Generated Site Name and Address: 8801 East Marginal Way S. Tukwila, WA 98108	Owner's Name: Centerpoint Marginal LLC.			Owner's Phone No.: 847 (?) 0898	
	2. Operator's Name and Address: Dickson Company 3315 S. Pine St., Tacoma, WA 98409				Operator's Phone No.: (253) 472-4489	
	3. Waste Disposal Site (WDS) Name, Address, and Physical Site Location: Roosevelt Regional Landfill				WDS Phone No.: 1-800-275-5641	
	4. Responsible Local, State or EPA Agency Name and Address:					
	5. Description of Waste Materials:	6. Containers		7. Total Quantity		
	PCB joint compound w/concrete	No.	Type	m³		(yd³)
	Asbestos Containing Materials					
	8. Special Handling Instructions and Additional Information:					
	9. **OPERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.					
	Printed/Typed Name: Dan Knecht	Signature: [signature]		Month: 2	Day: 3	Year: 22
TRANSPORTER	10. Transporter 1 Acknowledgment of Receipt of Materials					
	Printed/Typed Name: KEVIN MCHOUGH	Signature: [signature]		Month: 2	Day: 3	Year: 22
	11. Transporter 2 Acknowledgment of Receipt of Materials					
	Printed/Typed Name:	Signature:		Month:	Day:	Year:
WASTE SITE	12. Discrepancy Indication Space					
	13. Authorized Waste Disposal Site Owner or Operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item 12					
	Printed/Typed Name: DAVID W NIEMELA	Signature: [signature]		Month: 2	Day: 10	Year: 22

WHITE: Return to Operator YELLOW: Waste Site PINK: Transporter GOLD: Operator

2/21/22

REGIONAL DISPOSAL COMPANY - 4178
PO BOX 677839
DALLAS, TX 75267-7839
(206) 332-7768

INVOICE

TO:

Dickson Company
3315 South Pine
Tacoma, WA 98409-5793

8801 East Marginal Way S- PO # 8801

20032

INVOICE NO. 0000163414
PAGE 1
DATE Feb-15-22
CUSTOMER NO. 12473
SITE NO. TB-1233
REFERENCE NO.

SERVICE DATE	CODE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
		Vehicle: 5223,TOLU424172				
10 - Feb	38	Contaminated Debris	Min	6A-7035770	11.28 TN	$1,475.00
		Ticket: 314685				
		Vehicle: 7331 ,TOLU453879				
10 - Feb	38	Contaminated Debris	Min	6A-7035771	13.76 TN	$1,475.00
		Ticket: 314691				
15 - Feb	RF	WA STATE REFUSE TAX at 3.600% on $2,950.00				$106.20

Material Summary

38	Contaminated Debris	25.04 TN

20032 74 508

N
DK 3,056.20

Account Status

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
$52,434.48	$6,526.80	$0.00	$0.00

TOTAL THIS INVOICE $3,056.20

PLEASE PAY THIS AMOUNT $58,961.28

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO. 0000163414
PAGE 1
DATE Feb-15-22
CUSTOMER NO. 12473
SITE NO.
REFERENCE NO.

REGIONAL DISPOSAL COMPANY - 4178
PO BOX 677839
DALLAS, TX 75267-7839
(206) 332-7768

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS

***** Please reference your invoice number on each check stub *****
For Billing Inquiries:206-332-7768 email:SSiev@republicservices.com

REV 12/09

RS-F10

Appendix E Laboratory Analytical Report

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

January 28, 2022

David Kernan, Project Manager
Sound Env. Sol. Inc.
PO Box 731082
Puyallup, WA 98373

Dear Mr Kernan:

Included are the results from the testing of material submitted on January 24, 2022 from the Center Point, F&BI 201321 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
NAA0128R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 24, 2022 by Friedman & Bruya, Inc. from the Sound Env. Sol. Center Point, F&BI 201321 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Sound Env. Sol.
201321 -01	C-1
201321 -02	C-2
201321 -03	C-3
201321 -04	C-4
201321 -05	C-5
201321 -06	C-5A
201321 -07	C-6
201321 -08	C-7
201321 -09	C-8
201321 -10	C-9
201321 -11	C-10
201321 -12	C-11
201321 -13	C-12

Several Aroclor reporting limits were raised due to interfering compounds present in the sample. The data were flagged accordingly.

All quality control requirements were acceptable.

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-1	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-01 1/6
Date Analyzed:	01/25/22	Data File:	012510.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	91	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-2	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-02 1/6
Date Analyzed:	01/25/22	Data File:	012511.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	91	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-3	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-03 1/6
Date Analyzed:	01/25/22	Data File:	012512.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-4	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-04 1/6
Date Analyzed:	01/25/22	Data File:	012513.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	87	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-5	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-05 1/6
Date Analyzed:	01/25/22	Data File:	012514.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	95	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-5A	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-06 1/6
Date Analyzed:	01/25/22	Data File:	012515.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.1
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-6	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-07 1/6
Date Analyzed:	01/25/22	Data File:	012516.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-7	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-08 1/6
Date Analyzed:	01/25/22	Data File:	012517.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.1
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-8	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-09 1/6
Date Analyzed:	01/25/22	Data File:	012518.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.1
Aroclor 1260	<0.1
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-9	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-10 1/6
Date Analyzed:	01/25/22	Data File:	012519.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-10	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-11 1/6
Date Analyzed:	01/25/22	Data File:	012520.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.1
Aroclor 1260	<0.1
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-11	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-12 1/6
Date Analyzed:	01/25/22	Data File:	012521.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.1
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	C-12	Client:	Sound Env. Sol.
Date Received:	01/24/22	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	201321-13 1/6
Date Analyzed:	01/25/22	Data File:	012522.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	93	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.1
Aroclor 1260	<0.1
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Sound Env. Sol.
Date Received:	Not Applicable	Project:	Center Point, F&BI 201321
Date Extracted:	01/25/22	Lab ID:	02-0244 mb 1/6
Date Analyzed:	01/25/22	Data File:	012504.D
Matrix:	Soil/Solid	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	71	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 01/28/22
Date Received: 01/24/22
Project: Center Point, F&BI 201321

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SolidSAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 201308-02 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Control Limits
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	93	29-125
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	91	25-137

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	102	104	55-137	2
Aroclor 1260	mg/kg (ppm)	0.25	107	108	51-150	1

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

201321

SAMPLE CHAIN OF CUSTODY

ME 01-24-22

Page # 1 of 2 B03

Report To David M. Kerman

Company Sound Env. Sol. Inc.

Address P.O. Box 731082

City, State, ZIP Puyallup, WA 98373

Phone 253-212-6903 Email davidk@soundenvironmental.org

SAMPLERS (signature)

PROJECT NAME CenterPoint

PO # N/A

REMARKS 8801 E Marginal Way S Tukwila, WA 98108

INVOICE TO

Project specific RLs? - Yes / (No)

TURNAROUND TIME
- ☐ Standard turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
C-1	01	1/20/22	1pm	concrete dust	1							X					
C-2	02	1/21/22	9am									X					
C-3	03	1/21/22	10am									X					
C-4	04	1/21/22	11:30am									X					
C-5	05	1/21/22	~~12~~ 1pm									X					
C-6A	06	1/21/22	~~12~~ 1pm									X					
~~C-6~~ C-7	07	1/21/22	2pm									X					
~~C-8~~ C-7	08	1/21/22	3pm									X					
C-8	09	1/24/22	9am									X					
C-9	10	1/24/22	10am									X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	David M. Kerman	Sound Env. Sol	1/24/22	2:18pm
Received by:	Nhan Pham	FedEx	1/24/22	1420
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

EMB

SAMPLE CHAIN OF CUSTODY

201321

ME 01-24-22

Page # 2 of 2 803

Report To David M. Kernan

Company Sound Env. Sol. Inc.

Address P. O. Box 731082

City, State, ZIP Puyallup, WA 98373

Phone 253-212-6903 Email davidk@soundenviro.com

SAMPLERS (signature)

PROJECT NAME: CenterPoint

PO #: NA

REMARKS: Ash. only

Project specific RLs? - Yes (No)

INVOICE TO

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
C-10	11	1/24/22	11 AM	Concrete dust	1							X					
C-11	12	1/24/22	1 PM	↓	↓							X					
C-12	13	1/24/22	2 PM	↓	↓							X					~~Did not Rec~~
																	EWB 1/24
																	Received @ 1345 1/24/22 MG

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	David M. Kernan	Sound Env Sol	1/24/22	2:30
Received by:	Nhan Phan	FEBI	1/24/22	1420
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

Appendix F Data Validation

DATA VALIDATION REPORT

Removal of PCB Caulk and Concrete

CenterPoint Properties
8801 East Marginal Way South
Tukwila, Washington

Prepared by

Sound Environmental Solutions, inc.

P.O. Box 731082, Puyallup, WA 98373
Phone (253) 841-2314 • Fax (253) 435-4881 • Cell (253) 212-6903

Data Validation for Verification Samples Collected at
8801 East Marginal Way South, Tukwila, Washington

I. Introduction
II.

Task:	CenterPoint Verification Sampling
Sampling Company	Sound Environmental Solutions, Inc.
Lab Project #:	201321
Matrix:	Concrete dust, soil/solid
No. of Samples:	13
No. of Re-analyses:	0
Laboratory:	Friedman & Bruya, Inc.

Table 1 Sample Summary

Sample ID	Lab Sample ID	Matrix	Collection Date	Method	QA/QC
C-1	201321-01	concrete dust	01/20/2022	8082A	
C-2	201321-02	concrete dust	01/21/2022	8082A	
C-3	201321-03	concrete dust	01/21/2022	8082A	
C-4	201321-04	concrete dust	01/21/2022	8082A	
C-5	201321-05	concrete dust	01/21/2022	8082A	
C-5A	201321-06	concrete dust	01/21/2022	8082A	Duplicate
C-6	201321-07	concrete dust	01/21/2022	8082A	
C-7	201321-08	concrete dust	01/21/2022	8082A	
C-8	201321-09	concrete dust	01/24/2022	8082A	
C-9	201321-10	concrete dust	01/24/2022	8082A	
C-10	201321-11	concrete dust	01/24/2022	8082A	
C-11	201321-12	concrete dust	01/24/2022	8082A	
C-12	201321-13	concrete dust	01/24/2022	8082A	

III. Sample Management

Samples were received intact, on ice and properly preserved. A notation on the chain of custody noted that the samples were received at 4 ^{o}C. The COC was appropriately signed and dated by field and lab personnel. Anomalies are listed below:

- A correction to sample C-7 (changed from C-8 to C-7) was lined out and initialed, but not dated.
- There was a notation that sample C-12 was not received. This notation was lined out and noted “Received @ 1745”, initialed and dated 1/24/22
- The case narrative stated that several Aroclor reporting limits were raised due to interfering compounds present in the sample.

All quality control requirements were acceptable.

Table 2, Data Qualifier and Definitions

Code	Qualification explanation/definition
a	The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
B	The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
Ca	The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.
C	The presence of the analyte may be due to carryover from previous sample injections.
Cf	The sample was centrifuged prior to analysis.
D	The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
Dv	Insufficient sample volume was available to achieve normal reporting limits.
F	The sample was laboratory filtered prior to analysis.
Fb	The analyte was detected in the method blank.
Fc	The analyte is a common laboratory and field contaminant.
Hr	The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
Hs	Headspace was present in the container used for analysis.
Ht	The analysis was performed outside the method or client-specified holding time requirement.
Ip	Recovery fell outside of control limits due to sample matrix effects.
J	The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.
J	The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
Jl	The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
Js	The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
Lc	The presence of the analyte is likely due to laboratory contamination.
L	The reported concentration was generated from a library search.
Nm	The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
Pc	The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
Ve	The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
Vo	The value reported fell outside the control limits established for this analyte.
X	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

IV. Method Analyses

EPA Method 8082 – Polychlorinated Biphenyls (PCBs)

- Holding times: The extraction and holding times were met. All samples were extracted and analyzed within 14 days of sample collection.

- Analytical method blanks: The method blank had no target compound detects.

- Laboratory Control Sample/Lab Control Sample Duplicate (LCS/LCSD): Recoveries were within laboratory established QC limits of 55-137% for Aroclor 1016 and 51-150% for Aroclor 1260. The RPDs were within the laboratory control limit of ≤20%.

- Surrogate Recovery: Recoveries for all 13 samples were within laboratory-established control limits of 23-127% for tetrachloro-m-xylene (TMX).

- Matrix Spike (MS): Recovery limits were within laboratory established control limits of 29-125% for Aroclor 1016 and 25-137% for Aroclor 1260.

- Field QC samples: No field blanks or equipment rinsate samples were included with this sample set. One field duplicate sample was included. This met the Sampling and Analysis Plan requirement for 5% field duplicate samples. Sample C-5A was a field duplicate of sample C-5. Surrogate recovery for C-5 was 95%. Surrogate recovery for C-5A was 88%. These recoveries were within the lab established limits. No Aroclor was detected in either sample. The reporting limit for Aroclor 1254 was elevated from 0.02 to 0.1 mg/kg in sample C-5A. All other Aroclor cogener reporting limits for both samples were 0.02 mg/kg. This was not considered a significant concern.

- Reporting limits for some Aroclor cogeners in samples C-5, C-5A, C-7, C-8, C-10, C-11 and C-12 were raised from 0.02 mg/kg to 0.1 mg/kg due to interfering compounds in the samples. The reporting limit remained below the cleanup level of 1.0 mg/kg established for the project. The sample results are summarized in Table 3

Table 3
Summary of Sample Analytical Results
CenterPoint, 8801 East Marginal Way South, Tukwila, Washington

Sample Location		Section S-1	Section S-2	Section S-3	Section S-4	Section S-5	Section S-5	Section S-6
Sample Identification		C-1	C-2	C-3	C-4	C-5	C-5A*	C-6
Sample Date	units	01/20/2022	01/21/2022	01/21/2022	01/21/2022	01/21/2022	01/21/2022	01/21/2022
Aroclor 1016	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Aroclor 1242	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Aroclor 1248	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Aroclor 1254	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1†	<0.02
Aroclor 1260	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Aroclor 1262	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Aroclor 1268	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Sample Location		Section S-7	Section S-8	Section S-9	Section S-10	Section S-11	Section S-12	
Sample Identification		C-7	C-8	C-9	C-10	C-11	C-12	
Sample Date	units	01/21/2022	01/24/2022	01/24/2022	01/24/2022	01/24/2022	01/24/2022	
Aroclor 1016	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Aroclor 1242	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Aroclor 1248	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Aroclor 1254	mg/kg	<0.1†	<0.02	<0.02	<0.1†	<0.1†	<0.1†	
Aroclor 1260	mg/kg	<0.1†	<0.02	<0.02	<0.1†	<0.02	<0.1†	
Aroclor 1262	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Aroclor 1268	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	

* = Duplicate filed sample
† = reporting limit raised due to interfering compounds present in sample
mg/kg = milligrams per kilogram

APPENDIX O: MANAGEMENT OF ENVIRONMENTAL MEDIA DURING DEVELOPMENT

Appendix O

Management of Environmental Media During Development Excavations

CONTENTS

- Farallon Consulting, LLC, 2023, Management of Environmental Media During Redevelopment, 8801 East Marginal Way South, Tukwila, Washington: Report prepared by Farallon Consulting LLC, Issaquah, Wash., project number 1353-001, for CenterPoint Properties Trust, Oak Brook, Illi., July 18.

August 30, 2023

Bridget Fischer
CenterPoint Properties Trust
1808 Swift Drive
Oak Brook, Illinois 60523

RE: MANAGEMENT OF ENVIRONMENTAL MEDIA DURING REDEVELOPMENT
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON
FARALLON PN: 1353-001

Dear Bridget Fischer:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter to summarize how environmental media was managed during redevelopment of the property at 8801 East Marginal Way in Tukwila, Washington (herein referred to as the Property) (Figure 1). The environmental media consisted of soil, water captured in the construction dewatering system, and stormwater captured in the construction stormwater system.

The Property is subject to the requirements of Agreed Order No. 6069 between the Washington State Department of Ecology (Ecology), PACCAR Inc (PACCAR), and CenterPoint 8801 Marginal LLC (CenterPoint) (Agreed Order). PACCAR, the former owner of the Property, is implementing the scope of work defined in the Final Interim Action Work Plan[1] and Addendum to Feasibility Study and Interim Action Work Plan[2] for remediation of contaminated soil and groundwater and protection of the indoor air pathway. The interim action was initiated by PACCAR in 2021 and is currently ongoing. The interim action is being conducted in conjunction with redevelopment of the Property by CenterPoint.

MANAGEMENT OF SOIL

Redevelopment of the Property involved excavation of soil for construction of temporary stormwater detention ponds and excavation of soil for construction of trenches to install subsurface utilities. The temporary stormwater detention ponds are depicted on Figure 2 and the utility trenches that are discussed in this letter are also depicted on Figure 2.

---

[1] *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington, Agreed Order No. 6069* dated July 27, 2020, prepared by Shannon & Wilson, Inc. (Final Interim Action Work Plan).
[2] *Addendum to Feasibility Study and Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington, Agreed Order No. 6069* dated December 11, 2020, prepared by Shannon & Wilson, Inc.

Excavation of soil was limited to the minimum necessary to excavate the temporary stormwater detention ponds and utility trenches.

The utility trenches were excavated to depths of approximately 9 feet below ground surface (bgs) with depths decreasing to approximately 4 feet bgs on the eastern portion of the Property. In select locations, the trench depth was deeper than 9 feet bgs to allow for installation of a catch basin in suitable backfill material. The trenches were excavated to a width of approximately 7 feet to accommodate trench boxes.

Potentially contaminated[3] soil encountered during excavation activities was managed in accordance with the Ecology-approved Soil Management Plan (Soil Management Plan).[4] The redevelopment excavation activities were generally completed between September 2021 and March 2023. When field observations such as soil staining and/or odor indicated the presence of potentially contaminated soil, the general contractor, Sierra Construction Company, Inc. (Sierra), notified Farallon as soon as practicable. Sierra directed Hos Brothers Construction Inc. (Hos), the excavation subcontractor, to implement the following actions:

- Stop grading or excavation work in the area of potentially contaminated soil;
- Isolate the area with barricades and caution tape;
- Restrict equipment traffic through the area to avoid the tracking of potentially contaminated soil out of the area; and
- Restrict personnel access.

Farallon mobilized to the Property and conducted the following tasks as practicable:

- Documented the occurrence using field notes and photographs;
- Inspected soil for visual and olfactory indications of contamination, including evidence of soil staining or discoloration and/or chemical-like odors;
- Assessed soil for the presence of volatile organic vapors using a photoionization detector (PID);
- Coordinated with Sierra and Hos to excavate the potentially contaminated soil for temporary stockpiling;

[3] As used herein, "contaminated" means soil containing a hazardous substance above a site-specific remediation level established in the Final Interim Action Work Plan.
[4] *Soil Management Plan, 8801 East Marginal Way South, Tukwila, Washington* dated April 8, 2020, prepared by Farallon.

- Collected in-situ and/or stockpile soil samples for laboratory analysis; and
- Coordinated the soil assessment and removal activities with the general contractor to minimize adverse effects on the construction schedule.

DISCOVERY AND ASSESSMENT OF POTENTIALLY CONTAMINATED SOIL

Potentially contaminated soil was encountered in multiple areas of the Property during redevelopment excavations. Farallon observed and retained soil samples collected from each area for laboratory analysis. Laboratory analysis of soil samples was dependent on suspected constituents of potential concern (COPCs) in the area, results from previous investigations conducted at the Property, and analytical requirements for the disposal facility.

Soil samples were collected using either hand tools or an excavator bucket. To prevent potential cross-contamination, soil samples collected from an excavator bucket were collected from soil that was not in contact with the sides of the excavator bucket. Soil samples were transferred directly into laboratory-prepared glass sample containers. Samples retained for analysis of volatile organic compounds (VOCs) were collected in accordance with EPA Method 5035A. Soil samples were placed on ice in a cooler and transported to Friedman and Bruya Inc. of Seattle, Washington under standard chain-of-custody protocols for analysis of one or more of the following:

- Total petroleum hydrocarbons as gasoline-range organics (GRO) by Northwest Method NWTPH-Gx;
- Total petroleum hydrocarbons as diesel-range organics (DRO) and as oil-range organics (ORO) by Northwest Method NWTPH-Dx;
- VOCs by EPA Method 8260D;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082A;
- Polycyclic aromatic hydrocarbons by EPA Method 8270E/SIM; and
- Metals by EPA Methods 6020B/1311.

Farallon evaluated laboratory analytical results for comparison to site-specific remediation levels (RLs) and cleanup levels (CULs) established in the Final Interim Action Work Plan. Farallon provided the analytical results to Sierra and Hos with general guidelines for handling and re-use and/or disposal of soil.

ANALYTICAL RESULTS OF SOIL SAMPLES

A total of 75 soil samples collected during redevelopment excavations were submitted for analysis of COPCs. The soil sample locations are depicted on Figure 2. One or more COPCs were detected in 21 of the soil samples at concentrations exceeding RLs. No COPCs were detected in the remaining 54 soil samples at concentrations exceeding applicable RLs.

The type of petroleum product present in the soil samples was not determined prior to laboratory analysis. Therefore, the laboratory analytical results were reported as separate DRO and ORO fractions. CULs and RLs were not established for DRO in the Final Interim Action Work Plan. For purposes of evaluating the DRO fractions, the DRO concentrations are summed with the ORO concentrations to give a combined DRO and ORO concentration in accordance with Ecology's Implementation Memorandum #4.[5]

Table 1 summarizes the analytical results of soil samples collected from areas of the Property where no COPCs were detected at concentrations exceeding an RL and describes the disposition of soil excavated from these areas. No additional discussion of those areas is provided in this letter.

Tables 2 through 7 summarize the analytical results of all soil samples submitted for analysis. Laboratory analytical reports are provided in Attachment A.

The following sections summarize the analytical results of soil samples collected from areas of the Property where one or more COPCs was detected at a concentration exceeding an RL and describe the disposition of soil excavated from these areas.

NORTH STORMWATER POND

In September 2021, while excavating soil to construct a temporary stormwater detention pond in the northwestern portion of the Property (North Stormwater Pond), Hos encountered soil that exhibited visual and olfactory indications of petroleum contamination. Soil sample NWPit-S was collected from the potentially contaminated soil for laboratory analysis. While waiting for laboratory results, Hos excavated and stockpiled the potentially contaminated soil so construction of the temporary stormwater detention pond could continue. Soil sample EX01-B01 was collected at the bottom of the excavation proximate and below sample

[5] *Determining Compliance with Method A Cleanup Levels for Diesel and Heavy Oil, Implementation Memorandum #4* dated June 17, 2004 prepared by Ecology. (Implementation Memorandum #4).

NWPit-S, and soil samples EX01-SSW01 and EX01-SSW02 were collected from the sloped southern sidewall of the excavation for the North Stormwater Pond (Figure 2).

ORO was detected at concentrations of 7,700 and 29,000 milligrams per kilogram (mg/kg) in soil samples EX01-B01 and NWPit-S, respectively, exceeding the RL of 4,000 mg/kg (Table 2). DRO also was detected at concentrations of 5,500 and 17,000 mg/kg in soil samples EX01-B01 and NWPit-S, respectively. All other COPCs either were reported non-detect at the laboratory practical quantitation limit (PQL) or were detected at concentrations less than RLs (Tables 2 through 7).

Figure 2 depicts the lateral extent of the soil excavated for construction of the North Stormwater Pond that was managed as contaminated soil. The soil was temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

SOUTH STORMWATER POND

In September 2021, while excavating soil to construct a temporary stormwater detention pond in the southwestern portion of the Property (South Stormwater Pond), Hos encountered soil that exhibited visual and olfactory indications of potential petroleum contamination. Work was stopped in this area and soil samples EX02-B02, EX02-B03, EX02-B04, EX02-SSW01, and EX02-ESW01 were collected from the excavation. In addition, test pits TP-05 through TP-12 were advanced to collect soil samples from the footprint of the South Stormwater Pond prior to continuing excavation activities.

ORO and DRO were detected at concentrations of 54,000 and 34,000 mg/kg, respectively, in soil sample TP-06, and 43,000 and 32,000 mg/kg, respectively, in soil sample EX02-ESW01 (Table 2). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7).

Figure 2 depicts the lateral extent of the soil excavated for construction of the South Stormwater Pond that was managed as contaminated soil. The soil was temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

EAST OF STORMWATER PONDS

In August and September 2022, Hos encountered potentially contaminated soil during excavation for the installation of catch basins, two stormwater lines, and one water line east of the temporary stormwater detention ponds (Figure 2). The following sections summarize

the analytical results of soil samples collected from this area of the Property and describe the disposition of soil excavated from this area.

TP-47, TP-52, TP-53, and TP-54

On August 3, 2022, Hos encountered potentially contaminated soil while excavating a utility trench for water lines (Figure 2). Hos stopped work in this area and placed the potentially contaminated soil back in the excavation until Farallon arrived on the Property to collect soil samples. Farallon collected composite soil samples TP-47 and TP-52 from the potentially contaminated soil that had been placed back in the trench. ORO was detected at concentrations of 26,000 and 14,000 mg/kg in soil samples TP-47 and TP-52, respectively (Table 2). DRO was detected at concentrations of 23,000 and 13,000 mg/kg in soil samples TP-47 and TP-52, respectively. All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of sample locations TP-47 and TP-52 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

On August 9, 2022, Farallon collected soil samples TP-53 and TP-54 from the water line utility trench at locations north of TP-52 (Figure 2). At TP-54, metal debris and soil with black and green staining were observed. DRO was detected at concentrations of 3,500 and 53,000 mg/kg in samples TP-53 and TP-54, respectively. All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of sample location TP-54 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

Drum, TP-59, TP-60, TP-62, and TP-63

On August 17, 2022, Hos encountered potentially contaminated soil while excavating a utility trench for a stormwater line (Figure 2). A rusted 55-gallon drum was encountered in the excavation at a depth of approximately 6 feet bgs. Hos stopped work in this area and stockpiled the excavated soil. Farallon arrived at the Property and observed the rusted 55-gallon drum containing stained soil, black staining, and a petroleum-like odor in the vicinity of the drum, the soil stockpile, and the open trench from which the drum was extracted. Farallon collected soil sample Drum-01 proximate to the drum for laboratory analysis. ORO and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) at a toxic equivalent concentration (TEC) were detected at concentrations of 24,000 and 1.1 mg/kg, respectively,

exceeding the RLs (Tables 2 and 5). DRO was detected at a concentration of 33,000 mg/kg in the soil sample collected from the drum. All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of the drum (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

On August 18, 2022, Farallon collected soil samples TP-59 and TP-60 from the sidewall and bottom of the excavation in proximity to where the drum was discovered (Figure 2). A strong petroleum-like odor was observed during sampling. ORO was detected at concentrations of 21,000 and 4,000 mg/kg in samples collected at TP-59 and TP-60, respectively (Table 2). DRO was also detected at concentrations of 24,000 and 4,200 mg/kg in samples TP-59 and TP-60, respectively (Table 2). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of sample locations TP-59 and TP-60 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

On August 22, 2022, Hos encountered soil with a petroleum-like odor and staining while excavating a utility trench for a stormwater line south of where the drum was discovered (Figure 2). Farallon arrived at the Property and observed a strong petroleum-like odor and black stained soil. PID readings were detected at 49.0 parts per million (ppm) in soil in the sidewall of the trench and at 0.2 to 5.7 ppm in soil collected from the bottom of the trench. Farallon collected soil samples TP-62 and TP-63 at depths of 3 feet and 8 feet bgs, respectively (Figure 2). A rusted 55-gallon drum lid was observed at a depth of approximately 3 feet bgs proximate to TP-62. ORO and DRO were detected at concentrations of 28,000 and 45,000 mg/kg, respectively, in the soil sample collected at TP-62 (Table 2). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of sample locations TP-62 and TP-63 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

TP-70 and TP-71

On September 16, 2022, Hos encountered potentially contaminated soil while excavating a utility trench for a stormwater line (Figure 2). When Farallon arrived at the Property, the excavation had been backfilled with gravel to a depth of approximately 2 feet bgs, and

staining and a petroleum-like odor was noted in sidewall soil. Soil samples TP-70 and TP-71 were collected from the excavation sidewalls at a depth of approximately 2 feet bgs and submitted for laboratory analysis (Figure 2). ORO was detected at a concentration of 5,400 mg/kg in soil sample TP-70 (Table 2). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of sample location TP-70 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

CATCH BASIN #1

In August 2022, Hos encountered potentially contaminated soil during excavation for catch basin #1 located proximate to the existing stormwater lift station and utility lines in the northwestern corner of the Property (Figure 2). The following sections summarize the analytical results of soil samples collected from this area of the Property and describe the disposition of soil excavated from this area.

TP-55, TP-56, and TP-61

On August 9, 2022, Hos encountered soil that exhibited visual and olfactory indications of petroleum contamination during excavation for catch basin #1 located proximate to the existing stormwater lift station in the northwestern corner of the Property (Figure 2). Hos excavated and stockpiled the potentially contaminated soil and debris proximate to the excavation. Upon arrival at the Property, Farallon was directed to an open excavation estimated to be approximately 16 feet by 20 feet, and 8 feet in depth. A sheen was observed on soil in the excavation, and black staining and a strong petroleum-like odor were also noted on soil in the excavation and in nearby stockpiled soil and debris. Located adjacent to the stockpiled soil was an approximately 24-inch-diameter pipe with smaller pieces of pipe debris and soil that Hos had removed from the southeastern corner of the excavation.

Soil sample TP-55 was collected from the excavation, sample TP-56 was collected from soil on the outside of the 24-inch-diameter pipe, and sample TP-61 was collected from the northwestern portion of the excavation. Laboratory analytical results confirmed that sample TP-56 contained concentrations of cPAHs at a TEC exceeding the RL of 0.6 mg/kg (Table 4). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of samples TP-55, TP-56, and TP-61 (see Figure 2) was managed as contaminated soil and temporarily

stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

TP-66 and TP-67

On August 24, 2022, Hos encountered potentially contaminated soil during excavation of a utility trench east of the stormwater lift station. Farallon observed soil with a petroleum-like odor, a visible sheen, and a PID reading of 29.4 ppm. Soil samples TP-66 and TP-67 were collected in the utility trench at approximate depths of 2 feet and 8 feet bgs, respectively (Figure 2). ORO and DRO were detected at concentrations of 22,000 and 19,000 mg/kg, respectively, in soil sample TP-66. DRO was detected at a concentration of 8,290 mg/kg in the soil sample collected from TP-67. All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of samples TP-66 and TP-67 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

NORTH OF FORMER WAREHOUSE BUILDING

During redevelopment, Hos encountered potentially contaminated soil and debris during excavation of utility trenches on the northern portion of the Property.

Polychlorinated biphenyls (PCBs) in the form of remediation waste was discovered in three locations on the northern portion of the Property (PCB Areas 1, 2, and 3) (Figure 2). The cleanup of the PCB remediation waste in PCB Area 1 was completed in 2021 and is summarized below. The cleanup of the PCB remediation waste in PCB Areas 2 and 3 was completed in 2022 in accordance with the Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste,[6] which was approved by the U.S. Environmental Protection Agency (EPA) on July 29, 2022, and is documented in the Cleanup Completion Report.[7]

The following sections summarize the analytical results of soil samples collected north of the former warehouse building and describe the disposition of soil excavated from this area.

---

[6] Letter regarding Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste, PACCAR Site, 8801 East Marginal Way South, Tukwila, Washington dated July 19, 2022, from Stuart Brown and Pete Kingston of Farallon to Brett Feldhahn of EPA, and Chris Kelley of Ecology (Work Plan).
[7] *Cleanup Completion Report, PACCAR Site, 8801 East Marginal Way South, Tukwila, Washington* dated January 27, 2023, prepared by Farallon (Cleanup Completion Report).

TP-16A and TP-16B (also known as PCB Area 1)

On November 2, 2021, Hos encountered soil that exhibited visual and olfactory indications of potential petroleum contamination during excavation of a utility trench in the northwestern portion of the Property. The soil was stockpiled adjacent to the utility trench. Farallon collected soil samples TP-16A and TP-16B from the stockpiled soil. Total PCBs were detected at a concentration exceeding the RL in soil sample TP-16B (Table 6). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). The stockpiled soil containing PCBs at concentrations exceeding the RLs was treated as PCB remediation waste and transported off the Property for disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

NPit 3.0, FB-62, and A2-Structure1 (also known as PCB Area 2)

On February 16, 2022, Hos encountered soil that exhibited visual and olfactory indications of potential petroleum contamination within an approximately 15-foot-diameter buried concrete ring structure encountered on the northern portion of the Property during grading activities. Farallon observed a strong petroleum-like odor and staining on the soil and collected sample NPIT-3.0 from within the ring structure for laboratory analysis (Figure 2). Soil samples FB-62 and A2-Structure1 were also collected in the vicinity of the concrete ring structure. ORO, PCBs, and arsenic were detected at concentrations exceeding the RLs in soil sample NPit 3.0, and ORO, cPAHs, and PCBs were detected at concentrations exceeding the RLs in soil samples FB-62 and A2-Structure1. All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). The area surrounding NPit 3.0, FB-62, and A2-Structure1 was identified as PCB Area 2 and was excavated to a depth of approximately 4 feet bgs and laterally to borings FB-61, FB-62, FB-63, FB-64, FB-66, and FB-67 (Figure 2). The soil excavated from PCB Area 2 was treated as PCB remediation waste and transported off the Property for disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon. Additional information about the work completed in PCB Area 2 is provided in the Work Plan and the Cleanup Completion Report.

TP-45, TP-46, FB-02, FB-07, FB-27, and FB-28 (also known as PCB Area 3)

On April 1, 2022, Hos encountered potentially contaminated soil during excavation of a concrete footing proximate to the former warehouse building in the northern portion of the Property (Figure 2). Hos stockpiled the potentially contaminated soil and Farallon collected soil samples TP-45 and TP-46 from the temporary stockpile (Figure 2). PCBs were detected

at concentrations exceeding the RL in samples TP-45 and TP-46 (Table 6). Soil samples collected from borings FB-02, FB-07, FB-27, and FB-28 were used to define the extent of PCB Area 3. ORO was detected at concentrations exceeding the RLs in soil samples FB-02 and FB-07 (Table 2). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). The area surrounding sample locations TP-45, TP-46, FB-02, and FB-07 was identified as PCB Area 3 and was excavated to depths of up to 10 feet bgs. The soil excavated from PCB Area 3 was treated as PCB remediation waste and transported off the Property for disposal at either Chemical Waste Management of the Northwest in Arlington, Oregon or Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon. Additional information about the work completed in PCB Area 3 is provided in the Work Plan and the Cleanup Completion Report.

TP-57 and TP-58

On August 10, 2022, Hos encountered potentially contaminated soil on the northern portion of the Property during excavation of a utility trench (Figure 2). Hos stockpiled the soil and stopped work in this area. Farallon observed a strong petroleum-like odor, black staining, sheen, and brick debris in the trench and adjacent stockpile. Soil samples were collected from the west end of the trench at TP-57 and from the east end of the trench at TP-58 (Figure 2). ORO was detected at a concentration of 5,300 mg/kg and cPAHs were detected at a TEC of 2.4 mg/kg in sample TP-57, which exceeded the RLs (Tables 2 and 5). DRO was detected at a concentration of 15,000 mg/kg in soil sample TP-57. All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of samples TP-57 and TP-58 (Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

TP-65 and TP-68

On August 22, 2022, while excavating PCB remediation waste at PCB Area 3, stained soil was encountered proximate to a pipe containing a black substance on the western edge of the excavation (Figure 2). Soil sample TP-65 was collected from soil proximate to the pipe at a depth of approximately 2.5 feet bgs and soil sample TP-68 was collected from soil west of the pipe. ORO and cPAHs were detected at concentrations of 44,000 and 4.4 mg/kg, respectively, in sample TP-65, exceeding the RLs (Tables 2 and 5). DRO was also detected at a concentration of 45,000 mg/kg in sample TP-65. cPAHs were detected in sample TP-68 at a TEC exceeding the RL (Table 4). All other COPCs either were reported non-detect at the

PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of samples TP-65 and TP-68 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

TP-74, TP-75, and TP-76

On September 29, 2022, Hos encountered duct bank and piping during trenching for installation of utility lines in the northeastern corner of the Property. Farallon collected a sample of the liquid in the pipe for disposal purposes. Test pits TP-74 through TP-76 were completed at depths ranging from 6.5 to 8 feet bgs directly below the piping. TP-74 was collected proximate to the broken pipe and TP-75 and TP-76 were collected approximately 50 feet to the west and east of TP-74, respectively, beneath the pipe to evaluate potential contamination in soil related to the pipe (Figure 2). cPAHs were detected at a TEC of 0.67 mg/kg in the soil sample collected at TP-75, which exceeds the RL (Table 5). All other COPCs either were reported non-detect at the PQL or were detected at concentrations less than RLs (Tables 2 through 7). Soil excavated in the vicinity of sample TP-75 (see Figure 2) was managed as contaminated soil and temporarily stockpiled prior to off-Property disposal at Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon (Attachment B).

SOIL DISPOSAL

A total of 5,382.30 tons of soil were excavated and transported off of the Property to Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon. Individual disposal tickets from Waste Management are provided in Attachment B. A total of 1323.08 tons of PCB remediation waste was excavated and transported off of the Property to either Chemical Waste Management of the Northwest in Arlington, Oregon or Waste Management's Subtitle D Columbia Ridge Landfill in Arlington, Oregon. Documentation of the excavation and disposal of PCB remediation waste is provided in the Cleanup Completion Report.

MANAGEMENT OF CONSTRUCTION-RELATED WATER

Water generated through construction dewatering and stormwater generated during redevelopment of the Property was managed in accordance with the requirements of National Pollution Discharge Elimination System Construction Stormwater General Permit (CSWGP) WAR310454, Administrative Order Docket No. 20358, and Amended Administrative Order Docket No. 21455 issued by the Ecology Water Quality Program.

Construction-generated dewatering water and stormwater generated during Property redevelopment was conveyed to temporary stormwater retention ponds constructed at the start of Property redevelopment. Water in the pond was pumped into a treatment system prior to discharge to the Lower Duwamish Waterway. The treatment system was operated and monitored by Hos. Farallon sampled the discharge to evaluate water quality parameters and maintain compliance with Indicator Levels and/or discharge limits established in the CSWGP and Administrative Orders.

Discharge Monitoring Reports were submitted to Ecology. Contaminants were detected at concentrations less than Indicator Levels, except for intermittent exceedances of the following contaminants identified in the CSWGP and Administrative Orders:

- Copper;
- DRO;
- Carbazole;
- 1-methylnaphthalene; and
- 2-methylnaphthalene.

Exceedances of Indicator Levels were addressed in accordance with the CSWGP and Administrative Orders. If needed, operational modifications were implemented such as increasing the amounts of biopolymers to decrease turbidity and heavy metals.

CLOSING

Farallon appreciates the opportunity to provide environmental consulting services for this project. Please contact either of the undersigned at (425) 295-0800 if you have questions or need additional information.

Sincerely,

Farallon Consulting, L.L.C.

Stuart Brown
Associate Environmental Scientist

Pete Kingston, L.G.
Principal Geologist

Attachments: Figure 1, *Property Vicinity Plan*
Figure 2, *Soil Excavation Areas*
Table 1, *Soil Analytical Results for Areas with COPCs Less Than Remediation Levels*
Table 2, *Soil Analytical Results for Petroleum Hydrocarbons*
Table 3, *Soil Analytical Results for Halogenated VOCs*
Table 4, *Soil Analytical Results for Volatile Organic Compounds*
Table 5, *Soil Analytical Results for PAHs*
Table 6, *Soil Analytical Results for PCBs*
Table 7, *Soil Analytical Results for Metals*
Attachment A, Laboratory Analytical Reports
Attachment B, Waste Disposal Documentation

LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. The conclusions contained herein are subject to the following inherent limitations:

- Accuracy of Information. Farallon reviewed certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy. Should the information upon which Farallon relied prove to be inaccurate, Farallon may revise its conclusions, opinions, and/or recommendations.
- Reconnaissance and/or Characterization. Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

Farallon does not guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions are as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and CenterPoint Properties Trust. No other warranties, representations, or certifications are made.

FIGURES

REDEVELOPMENT DISCOVERIES SUMMARY REPORT
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

Farallon PN: 1353-001

REFERENCE: 7.5 MINUTE USGS QUADRANGLE SEATTLE SOUTH, WASHINGTON, DATED 2013

0 6,000
SCALE IN FEET

N

FARALLON CONSULTING
Quality Service for Environmental Solutions | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Folsom | Irvine

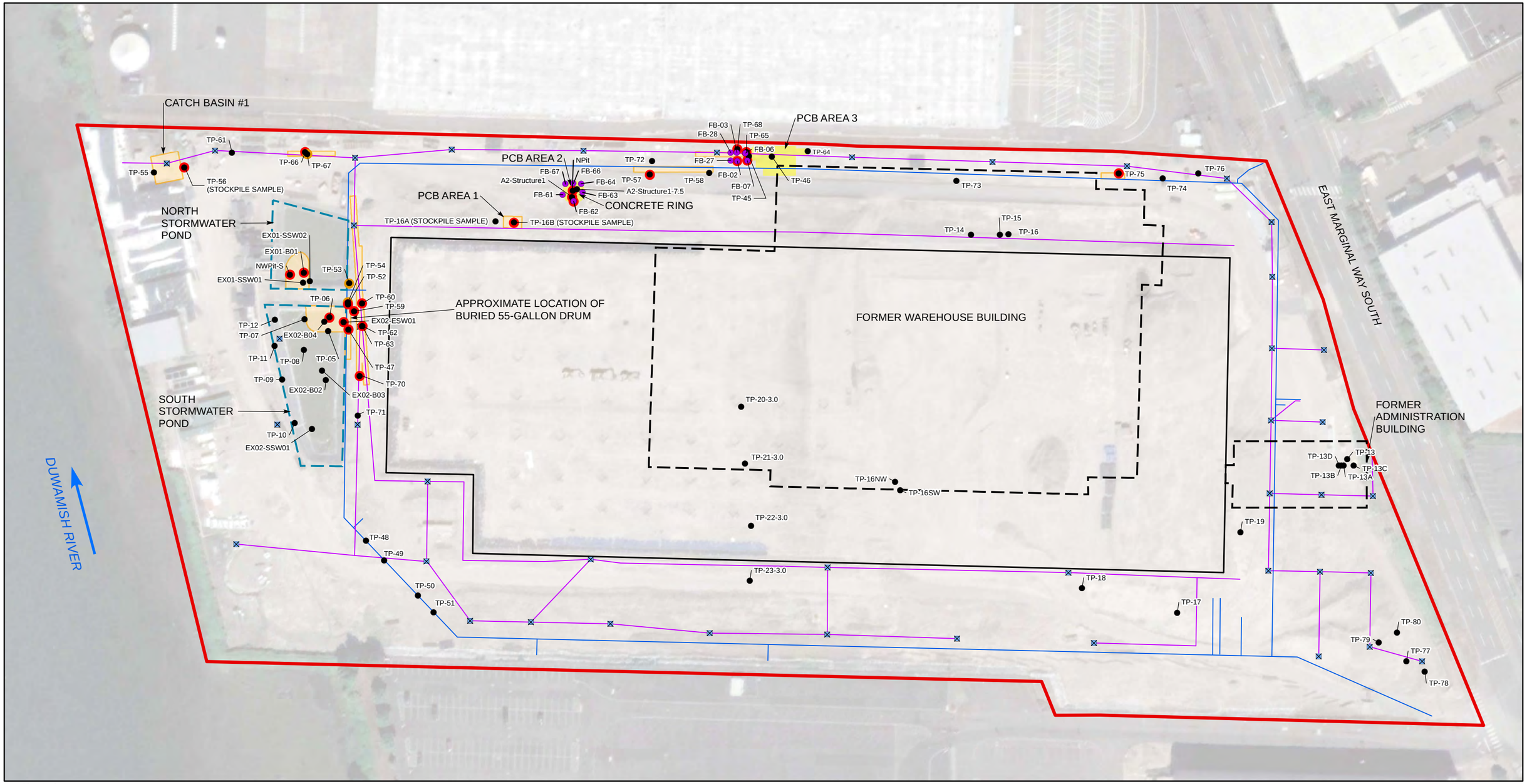
FIGURE 1

PROPERTY VICINITY PLAN
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

FARALLON PN: 1353-001

Drawn By: jjones | Checked By: PK | Date: 4/8/2020 | Disc Reference:

Path: Q:\Projects\1353 CenterPoint\001 PACCAR\Mapfiles\006_EMMP\Figure-01_PropertyVicinity.mxd



LEGEND

- REDEVELOPMENT DISCOVERY SOIL SAMPLE (2021-2022)
- PCB INVESTIGATION SOIL SAMPLE (ONLY SELECT SAMPLES FROM THE INVESTIGATION ARE SHOWN)
- COMBINED CONCENTRATIONS OF DRO AND ORO EXCEED THE SITE-SPECIFIC REMEDIATION LEVEL FOR ORO. DRO AND ORO CONCENTRATIONS COMBINED IN ACCORDANCE WITH ECOLOGY'S DETERMINING COMPLIANCE WITH METHOD A CLEANUP LEVELS FOR DIESEL AND HEAVY OIL, IMPLEMENTATION MEMORANDUM #4 DATED JUNE 17, 2004
- SAMPLE EXCEEDS THE SITE-SPECIFIC REMEDIATION LEVEL FOR ONE OR MORE HAZARDOUS SUBSTANCE
- CATCH BASIN
- WATER LINE
- STORMWATER LINE
- FLOW DIRECTION
- POLYCHLORINATED BIPHENYL (PCB) EXCAVATION AREA
- ESTIMATED EXTENT OF POTENTIALLY CONTAIMINATED SOIL EXCAVATED AND DISPOSED OFF THE PROPERTY DURING REDEVELOPMENT
- BUILDING
- FORMER FEATURE
- PROPERTY BOUNDARY

DRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS
ORO = TPH AS OIL-RANGE ORGANICS

N

0 120

SCALE IN FEET

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

FARALLON CONSULTING

Your Challenges. Our Priority. | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

FIGURE 2

SOIL EXCAVATION AREAS
CENTERPOINT 8801 PROPERTY
TUKWILA, WASHINGTON

FARALLON PN: 1353-001

Drawn By: lmurock | Checked By: PK | Date: 7/12/2023 | Disc Reference:

Document Path: \\192.168.0.252\gis\Projects\1353 CenterPoint\001 PACCAR\Mapfiles\018\Figure-02_SoilExcavationAreas.mxd

TABLES

REDEVELOPMENT DISCOVERIES SUMMARY REPORT
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

Farallon PN: 1353-001

Table 1
Soil Analytical Results for Areas with COPCs Less Than Remediation Levels
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Discovery Area	Sample IDs	Description
North of the Former Warehouse Building	TP-14 through TP-16	On October 6, 2021, Hos encountered wood pilings during excavation activities on the northern portion of the Property. Farallon did not observe chemical-like odors or staining, and PID readings were less than 0.3 parts per million (ppm). Farallon collected samples TP-14 and TP-15 from soil proximate to the wood pilings for laboratory analysis (Figure 2). No soil samples were analyzed from TP-16. Total petroleum hydrocarbons and cPAHs were reported non-detect at the laboratory PQL in the soil samples collected at TP-14 and TP-15 (Tables 2 and 5). Based on these results, the soil was determined to be suitable for reuse on the Property.
North of the Former Warehouse Building	TP-64	On August 22, 2022, Hos encountered potentially contaminated soil east of Discovery Area 3 while excavating PCB-contaminated soil (Figure 2). Soil at TP-64 was stained black. Farallon collected sample TP-64 at a depth of approximately 6 feet bgs for laboratory analysis. DRO and ORO were less than the RLs in the soil sample analyzed (Table 2). Based on these results, no additional excavation was conducted and the soil was left in place.
Southeast Property Corner	TP-13A through TP-13E	On September 28, 2021, following demolition of the Former Administration Building on the southeastern corner of the Property, Hos encountered potentially contaminated soil proximate to wood pilings beneath the former building. Farallon noted moderate petroleum-like odor and staining in soil adjacent to the pilings. Soil samples TP-13A through TP-13E were collected from soil surrounding the pilings and submitted for laboratory analysis (Figure 2). Field screening of soil samples did not indicate the presence of staining, odor, or volatile organic vapors in the samples. COPCs were reported either non-detect at the laboratory PQL or were detected at concentrations less than RLs in all soil samples analyzed (Tables 2 and 5). Based on these results, the soil was determined to be suitable for reuse on the Property.
Southeast Property Corner	TP-17 through TP-19	On January 14, 2022, Hos encountered potentially contaminated soil southeast of the Former Administration Building. Farallon conducted field screening of surface soil in the area identified by Hos and collected soil samples TP-17 through TP-19 at depths of 0 to 0.5 foot bgs (Figure 2). Black staining, a petroleum-like odor, and a PID reading of 390.8 ppm were noted at TP-19, and dark gray staining was noted at TP-18. DRO was detected at a concentration of 1,500 mg/kg in the soil sample collected at TP-19 (Table 2). In addition, pontentially contaminated soil from this area was stockpiled and sampled. Five soil samples were collected from stockpile SP-02. COPCs were reported either non-detect at the laboratory PQL or were detected at concentrations less than RLs in the soil samples analyzed. Based on these results, the soil was determined to be suitable for reuse on the Property.

Table 1
Soil Analytical Results for Areas with COPCs Less Than Remediation Levels
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Discovery Area	Sample IDs	Description
South of the Former Warehouse Building	TP-16NW and TP-16SW	On November 8, 2021, Hos encountered potentially contaminated soil on the south side of the Former Warehouse Building. Farallon collected samples TP-16NW and TP-16SW for laboratory analysis (Figure 2). COPCs were reported either non-detect at the laboratory PQL or were detected at concentrations less than RLs in the soil samples (Tables 2 through 4). Based on these results, the soil was determined to be suitable for reuse on the Property.
South of the Former Warehouse Building	TP-20 through TP-23	On February 16, 2022, Hos encountered potentially contaminated soil near the southwestern corner of the Former Warehouse Building. Farallon collected soil samples TP-20 through TP-23 (Figure 2). Strong to slight petroleum-like odor and PID readings ranging from 0.9 ppm to 390.8 ppm were noted in soil at TP-21 and TP-22. COPCs were reported either non-detect at the laboratory PQL or were detected at concentrations less than RLs in both soil samples (Tables 2 and 7). Based on these results, the soil was determined to be suitable for reuse on the Property.
South of the Former Warehouse Building	TP-48 through TP-51	On August 3, 2022, Hos encountered potentially contaminated soil south of the Former Warehouse Building. Farallon collected samples TP-48 through TP-51 for laboratory analysis. COPCs were reported non-detect at the laboratory PQL in the soil samples analyzed (Tables 2 and 3).
South of the Former Warehouse Building	TP-48 through TP-51	On August 3, 2022, Hos encountered potentially contaminated soil south of the Former Warehouse Building. Farallon collected samples TP-48 through TP-51 for laboratory analysis. COPCs were reported non-detect at the laboratory PQL in the soil samples analyzed (Tables 2 and 3).
Property-Wide	Stockpiles SP-03 through SP-11	In September 2022, Sierra and Hos requested that Farallon collect soil samples from stockpiles that had been generated during redevelopment grading activities. The suit had been deemed unsuitable for reuse based on geotechnical qualities. Farallon collected soil samples from stockpiles SP-03 through SP-11 to evalute potential disposal facilities.

Table 2
Soil Analytical Results for Petroleum Hydrocarbons
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)								Comments
				DRO[2]	ORO[2]	DRO+ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Xylenes[4]	
North Stormwater Pond												
EX01-B01	EX01-B01-6.5	6.5	9/10/2021	5,500	**7,700**	**13,200**	**2,800**	---	---	---	---	Discrete sample. Petroleum-like odor, black staining, PID = 620 ppm.
EX01-SSW01	EX01-SSW01-3.0	3.0	9/10/2021	190	770	960	< 5	---	---	---	---	Discrete sample. No odor, rust-like staining, PID = 3.8 ppm.
EX01-SSW02	EX01-SSW02-3.0	3.0	9/10/2021	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.3 ppm.
NWPit-S	NWPIT-S-1.0	1.0	9/9/2021	17,000	**29,000**	**46,000**	**3,500**	< 0.03 J	0.40	1.1	8.5	Discrete sample. Strong petroleum-like odor, black staining, PID = 1,296 ppm.
SP01-01	SP01-01	NA	9/10/2021	1,800	**3,400**	**5,200**	160	---	---	---	---	Stockpile sample.
SP01-02	SP01-02	NA	9/10/2021	460	1,100	1,560	7.8	---	---	---	---	Stockpile sample.
SP01-03	SP01-03	NA	9/10/2021	< 50	< 250	< 150	< 5	---	---	---	---	Stockpile sample.
South Stormwater Pond												
EX02-B02	EX02-B02-2.5	2.5	9/13/2021	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample. Slight petroleum-like odor, gray staining, PID = 1.3 ppm.
EX02-B03	EX02-B03-2.0	2.0	9/13/2021	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample. Slight petroleum-like odor, gray staining, PID = 14.3 ppm.
EX02-B04	EX02-B04-6	6.0	9/15/2021	90	< 250	215	< 5	---	---	---	---	Discrete sample. Mild odor, mild staining, PID = 108.
EX02-ESW01	EX02-ESW01-2.5	2.5	9/15/2021	32,000	**43,000**	**75,000**	42	---	---	---	---	Discrete sample. Odor, dark gray to black staining, PID = 44.2 ppm.
EX02-SSW01	EX02-SSW01-2.0	2.0	9/13/2021	71	440	511	< 5	---	---	---	---	Discrete sample. Slight petroleum-like odor, gray staining, PID = 6.1 ppm.
TP-05	TP-05-2.5	2.5	9/13/2021	410	650	1,060	< 5	---	---	---	---	Discrete sample. Gray staining, PID = 3.3 ppm.
TP-06	TP-06-2.5	2.5	9/13/2021	34,000	**54,000**	**88,000**	30	---	---	---	---	Discrete sample. Strong petroleum-like odor, gray/black staining, PID = 21.3 ppm.
TP-07	TP-07-2.5	2.5	9/13/2021	270	850	1,120	< 5	---	---	---	---	Discrete sample. Slight petroleum-like odor, gray staining, PID = 10.6 ppm.
TP-08	TP-08-2.5	2.5	9/13/2021	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.6 ppm.
TP-09	TP-09-2.5	2.5	9/13/2021	94	760	854	26	---	---	---	---	Discrete sample. Gray staining, slight petroleum-like odor. PID = 5.3 ppm.
TP-10	TP-10-2.5	2.5	9/13/2021	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample. Slight petroleum-like odor, PID = 0.2 ppm.
TP-11	TP-11-2.5	2.5	9/13/2021	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.2 ppm.
TP-12	TP-12-2.5	2.5	9/13/2021	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.3 ppm.
Site-Specific Cleanup Levels for Soil[5]				**NE**	**2,000**	**2,000**	**250**	**NE**	**NE**	**NE**	**NE**	
Site-Specific Remediation Levels for Soil[5]				**NE**	**4,000**	**4,000**	**NE**	**NE**	**NE**	**NE**	**NE**	

Table 2
Soil Analytical Results for Petroleum Hydrocarbons
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)								Comments
				DRO[2]	ORO[2]	DRO+ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Xylenes[4]	
East of Stormwater Ponds												
Drum-01	DRUM-08172022	NA	8/17/2022	33,000	**24,000**	**57,000**	36 J	< 0.03 J	0.061 J	0.068 J	0.60 J	Discrete sample collected from inside drum. Strong petroleum-like odor, sheen, black staining, PID = 6.2 ppm.
TP-47	TP-47-0	NA	8/3/2022	23,000	**26,000**	**49,000**	---	0.042	2.0	1.2	6.2	arrived. Strong petroleum-like odor, staining, PID = 122.8 ppm.
TP-52	TP-52-0	NA	8/3/2022	13,000	**14,000**	**27,000**	---	< 0.02	0.51	< 0.02	3.5	Composite sample, trench backfilled by the time Farallon arrived. Petroleum-like odor, no staining, no sheen, PID = 219.9 ppm.
TP-53	TP-53-2.0	2.0	8/9/2022	3,500	1,500	**5,000**	---	---	---	---	---	Discrete sample.
TP-54	TP-54-2.0	2.0	8/9/2022	53,000	**2,500**	**55,500**	---	---	---	---	---	Discrete sample. Metal debris and black and green stained soil observed at sample location.
TP-59	TP-59-4.0	4.0	8/18/2022	24,000	**21,000**	**45,000**	---	---	---	---	---	Discrete sample, trench sidewall. Strong petroleum-like odor.
TP-60	TP-60-8.5	8.5	8/18/2022	4,200	**4,000**	**8,200**	---	---	---	---	---	Discrete sample, trench bottom . Strong petroleum-like odor.
TP-62	TP-62-3.0	3.0	8/22/2022	45,000	**28,000**	**73,000**	---	---	---	---	---	Discrete sample collected from trench sidewall. Strong petroleum-like odor, black staining, PID = 49.0 ppm.
TP-63	TP-63-8.0	8.0	8/22/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample collected from trench bottom. No odor, PID = 0.2 to 5.7 ppm.
TP-70	TP-70-2.0	2.0	9/16/2022	1,300 X	**5,400**	**6,700** X	---	---	---	---	---	Discrete sidewall sample, trench partially backfilled when Farallon arrived onsite. Petroleum-like odor, black staining.
TP-71	TP-71-2.0	2.0	9/16/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sidewall sample, trench partially backfilled when Farallon arrived onsite. Petroleum-like odor, black staining.
Catch Basin #1												
TP-55	TP-55-8.0	8.0	8/9/2022	150	640	790	---	< 0.03	< 0.05	< 0.05	< 0.15	Discrete sample. Strong petroleum-like odor, black staining.
TP-56	PIPE-DEBRIS-080922	NA	8/9/2022	480	1,700	**2,180**	---	< 0.03	< 0.05	< 0.05	< 0.15	Discrete sample collected from soil on side of 24" diameter pipe, also identified as TP-56. Strong petroleum-like odor and black staining.
TP-61	TP-61-8.0	8.0	8/22/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample, trench bottom.
TP-66	TP-66-2.0	2.0	8/24/2022	19,000	**22,000**	**41,000**	---	---	---	---	---	Discrete sample.
TP-67	TP-67-8.0	8.0	8/24/2022	8,200	590	**8,790**	---	---	---	---	---	Discrete sample.
Site-Specific Cleanup Levels for Soil[5]				**NE**	**2,000**	**2,000**	**250**	**NE**	**NE**	**NE**	**NE**	
Site-Specific Remediation Levels for Soil[5]				**NE**	**4,000**	**4,000**	**NE**	**NE**	**NE**	**NE**	**NE**	
North of Former Warehouse Building												
FB-62	FB-62-1.5	1.5	5/20/2022	7,600	**17,000**	**24,600**	---	---	---	---	---	Discrete sample. Petroleum-like odor, black staining.
NPIT	NPIT-3.0	3.0	2/16/2022	14,000	**65,000**	**79,000**	68	< 0.030	0.31	0.18	0.44	Discete sample. Strong petroleum-like odor, PID = 12.7 ppm.
A2-Structure1	PCB-AREA2 STRUCTURE 1	NA	8/11/2022	15,000	**57,000**	**72,000**	---	---	---	---	---	Discrete sample. Strong petroleum-like odor, black staining, yellow liquid on soil.
A2-Structure1-7.5	A2-STRUCTURE1-7.5	7.5	8/22/2022	600	1,400	2,000	---	---	---	---	---	Discrete sample.

Table 2
Soil Analytical Results for Petroleum Hydrocarbons
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)								Comments
				DRO[2]	ORO[2]	DRO+ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Xylenes[4]	
FB-02	FB-02-5.0	5.0	5/18/2022	12,000	**12,000**	**24,000**	---	---	---	---	---	Discrete sample. Strong petroleum-like odor, dark gray, sheen.
	FB-02-7.5	7.5	5/18/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. No odor, gray, no sheen.
FB-03	FB-03-2.5	2.5	5/18/2022	< 50	420	445	---	---	---	---	---	Discrete sample. No odor, black, no sheen.
FB-06	FB-06-5.0	5.0	5/18/2022	96	460	556	---	---	---	---	---	Discrete sample. Petroleum-like odor, black, sheen.
FB-07	FB-07-5.0	5.0	5/18/2022	12,000	**11,000**	**23,000**	---	---	---	---	---	Discrete sample. Strong petroleum-like odor, dark gray staining, sheen.
	FB-07-7.5	7.5	5/18/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. Dark gray.
FB-27	FB-27-5.0	5.0	5/19/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. Petroleum-like odor, slight sheen.
TP-14	TP-14-3.5	3.5	10/6/2021	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. No odor, no sheen, PID = 0.3 ppm.
TP-15	TP-15-3.5	3.5	10/6/2021	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.1 ppm.
TP-16A	TP-16A	NA	11/2/2021	470	2,000	**2,470**	200	< 0.001	0.0065	0.15	0.047	Stockpile sample. Strong petroleum-like odor, visible sheen.
TP-16B	TP-16B	NA	11/2/2021	66	360	426	43	< 0.001	0.011	0.23	0.183	Stockpile sample. Strong petroleum-like odor, visible sheen.
TP-45	TP-45.0-3.5	3.5	4/1/2022	80	< 250	205	250	< 0.001	0.0011	0.0035	0.41	Discrete sample. Petroleum-like odor, staining, PID = 149.7 ppm.
TP-46	TP-46.0-0.5	0.5	4/1/2022	370	380	750	**480**	< 0.001	0.0016	0.0026	0.0279	Discrete sample. Strong petroleum-like odor, staining, PID = 667.6 ppm.
TP-57	TP-57-6.0	6.0	8/10/2022	15,000	**5,300**	**20,300**	200	< 0.03	< 0.05	< 0.05	< 0.15	Discrete sample. Strong petroleum-like odor, sheen, black staining, sheen, PID = 20.9 ppm.
TP-58	TP-58-3.0	3.0	8/16/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. Organic odor, Gray staining, no sheen, PID = 0.0 ppm.
TP-64	TP-64-6.0	6.0	8/22/2022	1,100	1,100	**2,200**	---	---	---	---	---	Discrete sample. Black staining, black substance coming from pipe.
TP-65	TP-65-7.5	7.5	8/22/2022	45,000	**44,000**	**89,000**	---	---	---	---	---	Discrete sample. Black substance near pipe.
TP-68	TP-68-3.0	3.0	8/25/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. Sample collected to confirm removal of contaminated soil identified at TP-65.
TP-72	TP-72-7.5	7.5	9/20/2022	1,600	680	**2,280**	---	---	---	---	---	Discrete bottom sample. Strong petroleum-like odor, PID = 31.9 ppm.
TP-73	TP-73-7.5	7.5	9/20/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. no odor, PID = 0.3 ppm.
TP-74	TP-74-6.5	6.5	10/6/2022	---	---	---	---	< 0.03	< 0.05	< 0.05	< 0.15	Discrete sample.
TP-75	TP-75-6.5	6.5	10/6/2022	---	---	---	---	< 0.03	< 0.05	< 0.05	< 0.15	Discrete sample.
TP-76	TP-76-8.0	8.0	10/6/2022	---	---	---	---	< 0.03	< 0.05	< 0.05	< 0.15	Discrete sample.
Site-Specific Cleanup Levels for Soil[5]				**NE**	**2,000**	**2,000**	**250**	**NE**	**NE**	**NE**	**NE**	
Site-Specific Remediation Levels for Soil[5]				**NE**	**4,000**	**4,000**	**NE**	**NE**	**NE**	**NE**	**NE**	

Table 2
Soil Analytical Results for Petroleum Hydrocarbons
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)								Comments
				DRO[2]	ORO[2]	DRO+ORO[2]	GRO[3]	Benzene[4]	Toluene[4]	Ethylbenzene[4]	Xylenes[4]	
Southeast Property Corner												
TP-13A	TP-13A-3.0	3.0	9/28/2021	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.0 ppm.
TP-13B	TP-13B-3.0	3.0	9/28/2021	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.0 ppm.
TP-13C	TP-13C-3.0	3.0	9/28/2021	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.0 ppm.
TP-13D	TP-13D-3.0	3.0	9/28/2021	< 50	< 250	< 150	---	---	---	---	---	Discrete sample. No odor, no staining, PID = 0.0 ppm.
TP-13E	TP-13E-11.0	11.0	9/28/2021	< 50	< 250	< 150	---	---	---	---	---	PID = 3.6 ppm.
TP-17	TP-17-0.0	0.0	1/14/2022	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample of surface soil. No odor, no staining, PID = 0.0 ppm.
TP-18	TP-18-0.5	0.5	1/14/2022	< 50	< 250	< 150	< 5	---	---	---	---	Discrete sample of surface soil. No odor, Dark gray staining, PID = 0.0 ppm.
TP-19	TP-19-0.0	0.0	1/14/2022	1,500	< 250	1,625	140	---	---	---	---	Discrete sample of surface soil. Petroleum-like odor, black staining, PID = 390.8 ppm.
TP-77	TP-77-5.5	5.5	10/6/2022	< 50	< 250	< 150	---	---	---	---	---	Discrete sample.
South of Former Warehouse Building												
TP-16NW	TP-16-5.0	5.0	11/8/2021	< 50	540	565	< 5 J	< 0.03 J	< 0.05 J	< 0.05 J	< 0.15 J	Discrete sample. No odor, no staining, PID = 0.2 ppm.
TP-16SW	TP-16-5.0-2	5.0	11/8/2021	< 50	< 250	< 150	< 5 J	< 0.03 J	< 0.05 J	< 0.05 J	< 0.15 J	Discrete sample. No odor, no staining, PID = 0.1 ppm.
TP-21	TP-21-3.0	3.0	2/16/2022	---	---	---	12	< 0.02	< 0.02	< 0.02	< 0.06	Discrete sample. Strong petroleum-like odor, PID = 17.3 ppm.
TP-22	TP-22-3.0	3.0	2/16/2022	---	---	---	< 5	< 0.02	< 0.02	< 0.02	< 0.06	Discrete sample. Slight petroleum-like odor, PID = 0.9 ppm.
TP-48	TP-48-0	NA	8/3/2022	< 50*	< 250*	< 150*	< 20*	---	---	---	---	Composite sample. No odor, no staining, PID = 1.0 ppm.
TP-49	TP-49-0	NA	8/3/2022	< 50*	< 250*	< 150*	< 20*	---	---	---	---	Composite sample. No odor, no staining, PID = 1.2 ppm.
TP-50	TP-50-0	NA	8/3/2022	< 50*	< 250*	< 150*	< 20*	---	---	---	---	Composite sample. No odor, no staining, PID = 1.3 ppm.
TP-51	TP-51-0	NA	8/3/2022	< 50*	< 250*	< 150*	< 20*	---	---	---	---	Composite sample. No odor, no staining, PID = 1.5 ppm.
Site-Specific Cleanup Levels for Soil[5]				**NE**	**2,000**	**2,000**	**250**	**NE**	**NE**	**NE**	**NE**	
Site-Specific Remediation Levels for Soil[5]				**NE**	**4,000**	**4,000**	**NE**	**NE**	**NE**	**NE**	**NE**	

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels. Results highlighted yellow denote concentrations exceeding remediation levels.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

^ denotes sediment sample.

--- denotes sample not analyzed.

* denotes sample analyzed by Northwest Method NWTPH-HCID.

[1]Depth in feet below ground surface.

[2]Analyzed by Northwest Method NWTPH-Dx unless otherwise noted. DRO+ORO is the sum of DRO and ORO, using one half of the reporting limit in the summation for non-detects.

[3]Analyzed by Northwest Method NWTPH-Gx unless otherwise noted.

[4]Analyzed by U.S. Environmental Protection Agency Method 8260D/8021B.

[5]Cleanup and remediation levels derived from *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington* , prepared by Shannon & Wilson, dated July 27, 2020.

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

J = result is an estimate

NA = not applicable

NE = not established

ORO = TPH as oil-range organics

X = the chromatographic pattern does not resemble the fule standard used for quantitation

Table 3
Soil Analytical Results for Halogenated VOCs
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]				
				PCE	TCE	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
North Stormwater Pond								
NWPit-S	NWPIT-S-1.0	1.0	9/9/2021	< 0.12	**1.5**	16	0.26	< 0.25
East of Stormwater Ponds								
Drum-01	DRUM-08172022	NA	8/17/2022	< 0.025 J	< 0.02 J	< 0.05 J	< 0.05 J	< 0.05 J
Catch Basin #1								
TP-55	TP-55-8.0	8.0	8/9/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-56	PIPE-DEBRIS-080922	NA	8/9/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
North of Former Warehouse Building								
NPIT	NPIT-3.0	3.0	2/16/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-16A	TP-16A	NA	11/2/2021	< 0.001	**0.0081**	< 0.001	< 0.002	< 0.001
TP-16B	TP-16B	NA	11/2/2021	< 0.001	**0.0031**	< 0.001	< 0.002	< 0.001
TP-45	TP-45.0-3.5	3.5	4/1/2022	**0.0052**	**0.016**	0.0013	< 0.002	< 0.001
TP-46	TP-46.0-0.5	0.5	4/1/2022	< 0.001	**0.0025**	< 0.001	< 0.002	< 0.001
TP-57	TP-57-6.0	6.0	8/10/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-74	TP-74-6.5	6.5	10/6/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-75	TP-75-6.5	6.5	10/6/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-76	TP-76-8.0	8.0	10/6/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
South of Former Warehouse Building								
TP-16NW	TP-16-5.0	5.0	11/8/2021	< 0.025 J	< 0.02 J	< 0.05 J	< 0.05 J	< 0.05 J
TP-16SW	TP-16-5.0-2	5.0	11/8/2021	< 0.025 J	< 0.02 J	< 0.05 J	< 0.05 J	< 0.05 J
TP-48	TP-48-0	NA	8/3/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-49	TP-49-0	NA	8/3/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-50	TP-50-0	NA	8/3/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
TP-51	TP-51-0	NA	8/3/2022	< 0.025	< 0.02	< 0.05	< 0.05	< 0.05
Site-Specific Cleanup Levels for Soil[3]				**0.0016**	**0.001**	**NE**	**NE**	**0.001**
Site-Specific Remediation Levels for Soil[3]				**5**	**5**	**NE**	**NE**	**5**

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

^ denotes sediment sample.

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Method 8260D.

[3]Cleanup and remediation levels derived from *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington* , prepared by Shannon & Wilson, dated July 27, 2020.

J = result is an estimate

NA = not applicable

NE = not established

PCE = tetrachloroethene

TCE = trichloroethene

VOC = volatile organic compound

Table 4
Soil Analytical Results for Volatile Organic Compounds
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]										
				1,2,4-Trimethylbenzene	1,2-Dichlorobenzene	1,3,5-Trimethylbenzene	2-Chlorotoluene	4-Chlorotoluene	Isopropylbenzene	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene
North Stormwater Pond														
NWPit-S	NWPIT-S-1.0	1.0	9/9/2021	14	1.4	8.2	< 0.25	< 0.25	0.49	2.0	0.80	2.9	1.3	0.25
East of Stormwater Ponds														
Drum-01	DRUM-08172022	NA	8/17/2022	0.52 J	< 0.05 J	0.32 J	< 0.05 J	< 0.05 J	< 0.05 J	0.74 J	< 0.05 J	0.14 J	0.074 J	< 0.05 J
Catch Basin #1														
TP-55	TP-55-8.0	8.0	8/9/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TP-56	PIPE-DEBRIS-080922	NA	8/9/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
North of Former Warehouse Building														
NPIT	NPIT-3.0	3.0	2/16/2022	0.14	0.072	0.052	0.28	0.16	< 0.05	0.14	< 0.05	0.094	< 0.05	< 0.05
TP-16A	TP-16A	NA	11/2/2021	0.068	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.022	< 0.05	< 0.05	< 0.05	< 0.05
TP-16B	TP-16B	NA	11/2/2021	0.28	< 0.05	0.14	< 0.05	< 0.05	< 0.05	0.065	< 0.05	< 0.05	< 0.05	< 0.05
TP-45.0	TP-45.0-3.5	3.5	4/1/2022	0.89	< 0.05	0.25	< 0.05	< 0.05	< 0.05	< 0.005	0.11	0.16	0.13	< 0.05
TP-46.0	TP-46.0-0.5	0.5	4/1/2022	0.092	< 0.05	< 0.05	< 0.05	< 0.05	0.12	< 0.005	0.23	< 0.05	0.30	< 0.05
TP-57	TP-57-6.0	6.0	8/10/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.052	< 0.05	< 0.05	< 0.05	< 0.05
TP-74	TP-74-6.5	6.5	10/6/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TP-75	TP-75-6.5	6.5	10/6/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TP-76	TP-76-8.0	8.0	10/6/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
South of Former Warehouse Building														
TP-16NW	TP-16-5.0	5.0	11/8/2021	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05	< 0.05	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05 J
TP-16SW	TP-16-5.0-2	5.0	11/8/2021	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05	< 0.05	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05 J	< 0.05 J
TP-48	TP-48-0	NA	8/3/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TP-49	TP-49-0	NA	8/3/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TP-50	TP-50-0	NA	8/3/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TP-51	TP-51-0	NA	8/3/2022	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Site-Specific Cleanup Levels for Soil[3]				**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
Site-Specific Remediation Levels for Soil[3]				**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.
^ denotes sediment sample.
[1]Depth in feet below ground surface.
[2]Analyzed by U.S. Environmental Protection Agency Method 8260D. Only detected analytes shown in table; see lab report for full list of analytes.
[3]Cleanup and remediation levels derived from *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington* , prepared by Shannon & Wilson, dated July 27, 2020.

J = result is an estimate
NA = not applicable
NE = not established

Table 5
Soil Analytical Results for PAHs
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																		
				Non-Carcinogenic PAHs												Carcinogenic PAHs							
				Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes[3]	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)Perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)Pyrene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-cd)Pyrene	Total cPAHs TEC[4,5]
North Stormwater Pond																						
NWPit-S	NWPIT-S-1.0	1.0	9/9/2021	6.4	1.2	1.3	8.9	< 0.05	< 0.05	< 0.05	0.11 J	0.55	0.33	0.96	1.2	< 0.05 J	0.22	< 0.05 J	< 0.05 J	0.99	< 0.05 J	0.077 J	**0.072** J
East of Stormwater Ponds																						
Drum-01	DRUM-08172022	NA	8/17/2022	---	---	---		---	---	---	---	---	---	---	---	0.75 J	1.3	< 0.8	< 0.8	5.1	< 0.8	< 0.8	**1.1** J
TP-47	TP-47-0	NA	8/3/2022	---	---	---	---	---	---	---	---	---	---	---	---	< 0.05 J	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.076 J
TP-52	TP-52-0	NA	8/3/2022	---	---	---	---	---	---	---	---	---	---	---	---	0.071 J	< 0.2	< 0.2	< 0.2	0.20	< 0.2	< 0.2	**0.12** J
TP-59	TP-59-4.0	4.0	8/18/2022	0.85	1.4	1.3	3.6	< 0.5	< 0.5	< 0.5	< 0.5	0.57	< 0.5	1.5	1.0	< 0.5	< 0.5	< 0.5	< 0.5	0.77	< 0.5	< 0.5	**0.38**
TP-60	TP-60-8.5	8.5	8/18/2022	< 0.02	< 0.02	< 0.02	< 0.06	< 0.02	< 0.02	< 0.02	< 0.02	0.044	0.040	0.20	0.087	< 0.02	0.023	< 0.02	< 0.02	0.094	< 0.02	< 0.02	**0.017**
TP-62	TP-62-3.0	3.0	8/22/2022	---	---	---	---	---	---	---	---	---	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	**0.39**
TP-63	TP-63-8.0	8.0	8/22/2022	---	---	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
TP-70	TP-70-2.0	2.0	9/16/2022	< 0.05	< 0.05	< 0.05	< 0.15	< 0.05	< 0.05	< 0.05	< 0.05 J	0.11	< 0.05	0.17	0.43	0.097 J	0.063	0.085 J	< 0.05 J	0.26	< 0.05 J	< 0.05 J	**0.12** J
	TP-70-2.0 *	2.0	9/16/2022	< 0.1	< 0.1	< 0.1	< 0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.18	0.38	< 0.1	< 0.1	< 0.1	< 0.1	0.26	< 0.1	< 0.1	**0.078**
TP-71	TP-71-2.0	2.0	9/16/2022	0.012	< 0.01	< 0.01	0.012	< 0.01	< 0.01	< 0.01	0.010	0.031	< 0.01	0.019	0.033	0.014	0.012	0.025	< 0.01	0.025	< 0.01	0.010	**0.020**
Catch Basin #1																						
TP-55	TP-55-8.0	8.0	8/9/2022	< 0.05	< 0.05	< 0.05	< 0.15	< 0.05	< 0.05	< 0.05	< 0.05	0.061	< 0.05	0.054	0.085	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.038
TP-56	PIPE-DEBRIS-080922	NA	8/9/2022	< 0.2	< 0.2	< 0.2	< 0.6	< 0.2	< 0.2	< 0.2	0.46	1.0	0.23	0.75	1.1	0.51	0.42	0.76	0.25	0.66	< 0.2	0.46	**0.72**
TP-61	TP-61-8.0	8.0	8/22/2022	---	---	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
TP-66	TP-66-2.0	2.0	8/24/2022	1.2	0.17	0.15	1.5	0.063	< 0.05	< 0.05	0.17 J	0.32	0.11	0.63	2.3 J	0.062 J	0.089 J	< 0.05 J	< 0.05 J	0.57 J	< 0.05 J	0.17 J	**0.10** J
	TP-66-2.0*	2.0	8/24/2022	1.2	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	0.58	< 0.5	0.64	0.96	< 0.5	< 0.5	< 0.5	< 0.5	0.54	< 0.5	< 0.5	**0.38**
TP-67	TP-67-8.0	8.0	8/24/2022	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
Site-Specific Cleanup Levels for Soil[6]							**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**								**0.005**
Site-Specific Remediation Levels for Soil[6]							**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**								**0.6**

Table 5
Soil Analytical Results for PAHs
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]																	
				Non-Carcinogenic PAHs												Carcinogenic PAHs							
				Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes[3]	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)Perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo(a)Pyrene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-cd)Pyrene	Total cPAHs TEC[4,5]
North of Former Warehouse Building																							
NPIT	NPIT-3.0	3.0	2/16/2022	0.51	1.7	2.5	4.71	< 0.4	< 0.4	< 0.4	< 0.4	1.2	1.4	5.4	1.6	0.18 J	< 0.4	0.61	< 0.4	0.93	< 0.4	< 0.4	**0.33** J
A2-Structure1	PCB-AREA2 STRUCTURE 1	NA	8/11/2022	4.2	15	22	41	2.2	< 0.25	0.90	0.34 J	4.2	5.2	18	7.1	0.65 J	1.1	1.3 J	0.32 J	2.0	< 0.25 J	0.29 J	**0.98** J
A2-Structure1-7.5	A2-STRUCTURE1-7.5	7.5	8/22/2022	---	---	---	---	---	---	---	---	---	---	---	---	< 0.05	< 0.05	< 0.05	< 0.05	0.063	< 0.05	< 0.05	**0.038**
TP-14	TP-14-3.5	3.5	10/6/2021	---	---	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
TP-15	TP-15-3.5	3.5	10/6/2021	---	---	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
TP-16A	TP-16A	NA	11/2/2021	---	---	---	---	---	---	---	---	---	---	---	---	0.14	0.14	0.21	0.076	0.20	< 0.05	0.062	**0.19**
TP-16B	TP-16B	NA	11/2/2021	---	---	---	---	---	---	---	---	---	---	---	---	< 0.05	0.052	0.072	< 0.05	0.076	< 0.05	< 0.05	**0.046**
TP-21	TP-21-3.0	3.0	2/16/2022	---	---	---		---	---	---	---	---	---	---	---	0.19	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.32**
TP-22	TP-22-3.0	3.0	2/16/2022	---	---	---		---	---	---	---	---	---	---	---	0.092	< 0.1	0.12	< 0.1	0.12	< 0.1	< 0.1	**0.13**
TP-45	TP-45.0-3.5	3.5	4/1/2022	---	---	---	---	---	---	---	---	---	---	---	---	0.070	0.076	0.077	< 0.05	0.082	< 0.05	< 0.05	**0.094**
TP-46	TP-46.0-0.5	0.5	4/1/2022	---	---	---	---	---	---	---	---	---	---	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.038
TP-57	TP-57-6.0	6.0	8/10/2022	---	---	---	---	---	---	---	---	---	---	---	---	1.8	3.9	0.76	< 0.2	6.1	< 0.2	< 0.2	**2.4**
TP-58	TP-58-3.0	3.0	8/16/2022	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
TP-64	TP-64-6.0	6.0	8/22/2022	---	---	---	---	---	---	---	---	---	---	---	---	0.053	0.13	0.11	< 0.05	0.21	< 0.05	< 0.05	**0.087**
TP-65	TP-65-7.5	7.5	8/22/2022	---	---	---	---	---	---	---	---	---	---	---	---	3.0	6.5	3.0	< 2.0	12	< 2.0	< 2.0	**4.4**
TP-68	TP-68-3.0	3.0	8/25/2022	< 0.05	< 0.05	< 0.05	< 0.15	< 0.05	< 0.05	< 0.05	0.57	0.18	< 0.05	< 0.05	0.23	0.77	0.19	0.73	0.24	0.25	0.12	0.60	**0.96**
TP-72	TP-72-7.5	7.5	9/20/2022	0.13	4.5	1.2	5.83	0.60	< 0.05	0.44	0.060	0.18	0.69	1.8	0.76	0.14	0.33	0.051	< 0.05	0.49	< 0.05	< 0.05	**0.19**
TP-73	TP-73-7.5	7.5	9/20/2022	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
TP-74	TP-74-6.5	6.5	10/6/2022	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.021	< 0.01	0.017	0.019	< 0.01	< 0.01	0.012	< 0.01	0.011	< 0.01	< 0.01	**0.0083**
TP-75	TP-75-6.5	6.5	10/6/2022	0.059	0.059	< 0.05	0.118	0.27	< 0.05	0.32	0.24	2.1	0.13	2.2	1.5	0.50	0.56	0.55	0.18	0.61	0.063	0.26	**0.67**
TP-76	TP-76-8.0	8.0	10/6/2022	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.033	< 0.01	0.031	0.023	0.010	0.012	0.012	< 0.01	0.013	< 0.01	< 0.01	**0.014**
Southeast Property Corner																							
TP-13A	TP-13A-3.0	3.0	9/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	0.072	0.19	0.11	0.040	0.15	< 0.01	0.034	**0.11**
TP-13B	TP-13B-3.0	3.0	9/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	0.018	< 0.01	0.025	< 0.01	0.011	< 0.01	0.032	**0.025**
TP-13C	TP-13C-3.0	3.0	9/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	0.081	0.18	0.12	< 0.05	0.16	< 0.05	< 0.05	**0.12**
TP-13D	TP-13D-3.0	3.0	9/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
TP-13E	TP-13E-11.0	11.0	9/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	0.17	0.66	0.33	0.10	0.34	0.015	0.050	**0.29**
TP-77	TP-77-5.5	5.5	10/6/2022	---	---	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0076
Site-Specific Cleanup Levels for Soil[6]							**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**								**0.005**
Site-Specific Remediation Levels for Soil[6]							**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**								**0.6**

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels.
Results highlighted yellow denote concentrations exceeding applicable remediation levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
^ denotes sediment sample.
--- denotes sample not analyzed.
* denotes sample was further diluted and reanalyzed due to a failed internal standard

cPAHs = carcinogenic polycyclic aromatic hydrocarbons
J = result is an estimate
NA = not applicable
NE = not established
PAHs = polycyclic aromatic hydrocarbons
TEC = toxic equivalent concentration

[1]Depth in feet below ground surface.
[2]Analyzed by U.S. Environmental Protection Agency Method 8270E.
[3]Sum of naphthalene, 1-methylnaphthalene and 2-methylnaphthalene.
[4]Total carcinogenic polycyclic aromatic hydrocarbons derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.
[5]For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the TEC.
[6]Cleanup and remediation levels derived from *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington* , prepared by Shannon & Wilson, dated July 27, 2020.

Table 6
Soil Analytical Results for PCBs
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
North Stormwater Pond													
NWPit-S	NWPIT-S-1.0	1.0	9/9/2021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.5	< 0.02	< 0.02	< 0.66
East of Stormwater Ponds													
Drum-01	DRUM-08172022	NA	8/17/2022	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.9
TP-47	TP-47-0	NA	8/3/2022	< 0.22	< 0.63	< 0.66	< 0.30	< 0.87	< 0.92	< 0.84	< 1.35	< 0.08	< 5.87
TP-52	TP-52-0	NA	8/3/2022	< 0.05	< 0.02	< 0.09	< 0.08	< 0.09	< 0.18	< 0.41	< 0.74	< 0.10	< 1.76
Catch Basin #1													
TP-55	TP-55-8.0	8.0	8/9/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.14	< 0.02	< 0.02	< 0.02	0.14
TP-56	PIPE-DEBRIS-080922	NA	8/9/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.33	< 0.02	< 0.02	< 0.02	0.33
North of Former Warehouse Building													
FB-62	FB-62-1.5	1.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.20	0.24	< 0.02	< 0.02	0.44
NPIT	NPIT-3.0	3.0	2/16/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.39	0.40	< 0.02	< 0.02	**0.79**
A2-Structure1	PCB-AREA2 STRUCTURE 1	NA	8/11/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.31	0.38	< 0.02	< 0.02	**0.69**
A2-Structure1-7.5	A2-STRUCTURE1-7.5	7.5	8/22/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.073	0.049	< 0.02	< 0.02	0.12
FB-02	FB-02-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-02-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-07	FB-07-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-07-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
TP-16A	TP-16A	NA	11/2/2021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.43	< 0.02	< 0.02	< 0.02	0.43
TP-16B	TP-16B	NA	11/2/2021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.53	< 0.02	< 0.02	< 0.02	**0.53**
TP-45	TP-45.0-3.5	3.5	4/1/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	3.5	< 0.02	< 0.02	< 0.02	**3.5**
TP-46	TP-46.0-0.5	0.5	4/1/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	4.6	< 0.02	< 0.02	< 0.02	**4.6**
TP-57	TP-57-6.0	6.0	8/10/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18

NOTES:

Results in **bold** denote concentrations exceeding applicable remediation levels.
Results highlighted yellow denote concentrations exceeding applicable cleanup levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
[1]Depth in feet below ground surface.
[2]Analyzed by U.S. Environmental Protection Agency Method 8082A.
[3]Cleanup and remediation levels derived from *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington* , prepared by Shannon & Wilson, dated July 27, 2020.
[4]EPA Cleanup Level per 40 Code of Federal Regulations (CFR) 761.61(a)(4).

EPA = U.S. Environmental Protection Agency
NA = not applicable
PCB = polychlorinated biphenyl

Table 7
Soil Analytical Results for Metals
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet) [1]	Sample Date	Analytical Results (milligrams per kilogram)[2]												TCLP Analytical Results (milligrams per liter)[2]			
				Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc	Cadmium	Chromium	Lead	Mercury
North Stormwater Pond																			
NWPit-S	NWPIT-S-1.0	1.0	9/9/2021	---	5.59	377	**16.4**	137	---	**408**	< 1	---	< 1	< 1	---	< 1	< 1	< 1	< 0.1
East of Stormwater Ponds																			
Drum-01	DRUM-08172022	NA	8/17/2022	---	---	---	---	---	---	192	---	---	---	---	---	---	---	< 1	---
North of Former Warehouse Building																			
NPIT	NPIT-3.0	3.0	2/16/2022	---	**15.9**	515	**20.7**	64.3	**207**	**985**	< 1	---	< 1	< 1	---	---	---	---	---
TP-45	TP-45.0-3.5	3.5	4/1/2022	---	4.44	51.9	< 1	12.5	---	31.1	< 1	---	< 1	< 1	---	---	---	---	---
TP-46	TP-46.0-0.5	0.5	4/1/2022	---	1.78	32.7	< 1	9.42	---	18.1	< 1	---	< 1	< 1	---	---	---	---	---
TP-57	TP-57-6.0	6.0	8/10/2022	---	---	---	---	---	---	48.8	---	---	---	---	---	---	---	---	---
South of Former Warehouse Building																			
TP-21	TP-21-3.0	3.0	2/16/2022	---	< 5	26.6	< 1	8.63	**45.4**	14.9	< 1	---	< 1	< 1	---	---	---	---	---
TP-22	TP-22-3.0	3.0	2/16/2022	---	< 5	34.2	< 1	9.24	16.6	10.5	< 1	---	< 1	< 1	---	---	---	---	---

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels. Results highlighted yellow denote concentrations exceeding remediation levels.

^ denotes sediment sample

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

--- denotes sample not analyzed.

NA = not applicable

TCLP = Toxicity Characteristic Leaching Procedure

[1]Depth in feet below ground surface.

[2]Analyzed by U.S. Environmental Protection Agency Methods 6020B. TCLP extraction by EPA Method 1311/6020B.

[3]Cleanup and remediation levels derived from *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington* , prepared by Shannon & Wilson, dated July 27, 2020.

[4]Table 1 - Maximum Concentration of Contaminants for the Toxicity Characteristic, Title 40 Code of Federal Regulations (CFR) Part 261.24.

ATTACHMENT A
LABORATORY ANALYTICAL REPORTS

Redevelopment Discoveries Summary Report
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 17, 2021

Pete Kingston, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Kingston:

Included are the additional results from the testing of material submitted on September 9, 2021 from the PACCAR 1353-001, F&BI 109158 project. There are 5 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data, Stuart Brown
FLN0917R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 9, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 109158 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
109158 -01	NWPit-S-1.0

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/15/21	Lab ID:	109158-01
Date Analyzed:	09/16/21	Data File:	109158-01.051
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Cadmium	<1	1.0
Lead	<1	5.0
Mercury	<0.1	0.2

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/15/21	Lab ID:	I1-579 mb
Date Analyzed:	09/16/21	Data File:	I1-579 mb.049
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Cadmium	<1	1.0
Lead	<1	5.0
Mercury	<0.1	0.2

Date of Report: 09/17/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 109158-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Cadmium	mg/L (ppm)	0.5	<1	105	101	75-125	4
Lead	mg/L (ppm)	1.0	<1	93	89	75-125	4
Mercury	mg/L (ppm)	1.0	<0.1	102	99	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/L (ppm)	0.5	99	80-120
Lead	mg/L (ppm)	1.0	89	80-120
Mercury	mg/L (ppm)	1.0	99	80-120

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

109158

SAMPLE CHAIN OF CUSTODY

ME 09-09-21

Page # 1 of 1 VSDS

Report To Peter Kingston
Company Farallon Consulting
Address 1809 7th Ave, Ste 1111
City, State, ZIP Seattle, WA
Phone _____ Email pkingston@farallonconsulting.com

SAMPLERS (signature) Courtney Nattkemper

PROJECT NAME: PACCAR
PO #: 1353-001

REMARKS
Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
☐ Standard turnaround
☑ RUSH Friday AM
Rush charges authorized by: Peter Kingston

SAMPLE DISPOSAL
☐ Archive samples
☐ Other _____
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	RCRA 8	TCLP Cd, Pb, Hg			Notes
NWPit-S-1.0	01A-F	9/9/21	1435	Soil	6	X	X			✓	✓	✓	✓	⊕			✓-per PM next day EP ⊕-per PM 48 Hr EP 9/14

Samples received at 4 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Nattkemper	Courtney van Stolk	Farallon	9-9-21	1540
Received by:	Liz Webber-Bruya	F:B	9/9/21	1540
Relinquished by:				
Received by:				

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 18, 2021

Pete Kingston, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Kingston:

Included are the additional results from the testing of material submitted on September 9, 2021 from the PACCAR 1353-001, F&BI 109158 project. There are 5 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1018R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 9, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 109158 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
109158 -01	NWPit-S-1.0

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/15/21	Lab ID:	109158-01
Date Analyzed:	09/16/21	Data File:	109158-01.051
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Chromium	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/15/21	Lab ID:	I1-579 mb
Date Analyzed:	09/16/21	Data File:	I1-579 mb.049
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Chromium	<1	5.0

Date of Report: 10/18/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 109158-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/L (ppm)	2.0	<1	110	105	75-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/L (ppm)	2.0	104	80-120

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

109158

SAMPLE CHAIN OF CUSTODY

ME 09-09-21 [redacted]age # 1 of 1 VSD5

Report To Peter Kingston

Company Farallon Consulting

Address 1809 7th Ave, Ste. 1111

City, State, ZIP Seattle, WA

Phone ______ Email pkingston@farallonconsulting.com

SAMPLERS (signature) Courtney [signature]	
PROJECT NAME PACCAR	PO # 1353-001
REMARKS Project specific RLs? - Yes / No	INVOICE TO

TURNAROUND TIME
☐ Standard turnaround A01
☑ RUSH Friday AM
Rush charges authorized by: Peter Kingston
SAMPLE DISPOSAL
☐ Archive samples
☐ Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	RCRA 8	TCLP	Cd, Pb, Hg	TCLP Cr	Notes
NWPit-S-1.0	01A-F	9/19/21	1435	Soil	6	X	X			✓	✓	✓	✓	(X)		(✓)	Del 10/15 Next day; ✓ - per PK next day; (X) - per PK 48 hr; E 9/14

Samples received at 4 °C

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Courtney [signature]	Courtney van Stolk	Farallon	9-9-21	1540
Received by:	[signature]	Liz Webber-Bruya	F&B	9/9/21	1540
Relinquished by:					
Received by:					

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 16, 2021

Pete Kingston, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Kingston:

Included are the results from the testing of material submitted on September 9, 2021 from the PACCAR 1353-001, F&BI 109158 project. There are 22 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0916R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 9, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 109158 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
109158 -01	NWPit-S-1.0

An 8270E internal standard failed the acceptance criteria for sample NWPit-S-1.0. The sample was diluted and reanalyzed with acceptable results. Both data sets were reported.

The 8082A Aroclor 1260 reporting limit was raised due to interfering compounds.

The 8082A Aroclor 1260 matrix spike and matrix spike duplicate exceeded the acceptance criteria. PCBs were not detected, therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158
Date Extracted: 09/09/21
Date Analyzed: 09/10/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
NWPit-S-1.0 109158-01 1/50	3,500	119
Method Blank 01-1933 MB	<5	99

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158
Date Extracted: 09/10/21
Date Analyzed: 09/10/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
NWPit-S-1.0 109158-01 1/10	17,000 x	29,000	97
Method Blank 01-2089 MB	<50	<250	86

Analysis For Total Metals By EPA Method 6020B

Client ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	109158-01
Date Analyzed:	09/13/21	Data File:	109158-01.042
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.59
Barium	377
Cadmium	16.4
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	109158-01
Date Analyzed:	09/13/21	Data File:	109158-01.092
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	109158-01 x10
Date Analyzed:	09/13/21	Data File:	109158-01 x10.043
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	137

Analysis For Total Metals By EPA Method 6020B

Client ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	109158-01 x10
Date Analyzed:	09/13/21	Data File:	109158-01 x10.093
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	408

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	I1-567 mb
Date Analyzed:	09/13/21	Data File:	I1-567 mb.040
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/10/21	Lab ID:	109158-01 1/5
Date Analyzed:	09/10/21	Data File:	091014.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	109
Toluene-d8	104	89	112
4-Bromofluorobenzene	102	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<2.5	1,3-Dichloropropane	<0.25
Chloromethane	<2.5	Tetrachloroethene	<0.12
Vinyl chloride	<0.25	Dibromochloromethane	<0.25
Bromomethane	<2.5	1,2-Dibromoethane (EDB)	<0.25
Chloroethane	<2.5	Chlorobenzene	<0.25
Trichlorofluoromethane	<2.5	Ethylbenzene	1.1
Acetone	<25	1,1,1,2-Tetrachloroethane	<0.25
1,1-Dichloroethene	<0.25	m,p-Xylene	7.2
Hexane	<1.2	o-Xylene	1.3
Methylene chloride	<2.5	Styrene	<0.25
Methyl t-butyl ether (MTBE)	<0.25	Isopropylbenzene	0.49
trans-1,2-Dichloroethene	0.26	Bromoform	<0.25
1,1-Dichloroethane	<0.25	n-Propylbenzene	0.80
2,2-Dichloropropane	<0.25	Bromobenzene	<0.25
cis-1,2-Dichloroethene	16	1,3,5-Trimethylbenzene	8.2
Chloroform	<0.25	1,1,2,2-Tetrachloroethane	<0.25
2-Butanone (MEK)	<5	1,2,3-Trichloropropane	<0.25
1,2-Dichloroethane (EDC)	<0.25	2-Chlorotoluene	<0.25
1,1,1-Trichloroethane	<0.25	4-Chlorotoluene	<0.25
1,1-Dichloropropene	<0.25	tert-Butylbenzene	0.25
Carbon tetrachloride	<0.25	1,2,4-Trimethylbenzene	14
Benzene	<0.03 j	sec-Butylbenzene	1.3
Trichloroethene	1.5	p-Isopropyltoluene	2.9
1,2-Dichloropropane	<0.25	1,3-Dichlorobenzene	<0.25
Bromodichloromethane	<0.25	1,4-Dichlorobenzene	<0.25
Dibromomethane	<0.25	1,2-Dichlorobenzene	1.4
4-Methyl-2-pentanone	<5	1,2-Dibromo-3-chloropropane	<2.5
cis-1,3-Dichloropropene	<0.25	1,2,4-Trichlorobenzene	<1.2
Toluene	0.40	Hexachlorobutadiene	<1.2
trans-1,3-Dichloropropene	<0.25	Naphthalene	2.0
1,1,2-Trichloroethane	<0.25	1,2,3-Trichlorobenzene	<1.2
2-Hexanone	<2.5 ca		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/10/21	Lab ID:	01-2017 mb
Date Analyzed:	09/10/21	Data File:	091008.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	109
Toluene-d8	104	89	112
4-Bromofluorobenzene	97	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.006 j	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5 ca		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	109158-01 1/25
Date Analyzed:	09/13/21	Data File:	091309.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	70 d	24	111
Phenol-d6	85 d	37	116
Nitrobenzene-d5	767 d	38	117
2-Fluorobiphenyl	95 d	45	117
2,4,6-Tribromophenol	113 d	11	158
Terphenyl-d14	139 d	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	6.4
2-Methylnaphthalene	1.3
1-Methylnaphthalene	1.2
Acenaphthylene	<0.05
Acenaphthene	<0.05
Fluorene	0.33
Phenanthrene	0.96
Anthracene	<0.05
Fluoranthene	0.55
Pyrene	1.2
Benz(a)anthracene	0.22
Chrysene	0.99
Benzo(a)pyrene	<0.05 J
Benzo(b)fluoranthene	<0.05 J
Benzo(k)fluoranthene	<0.05 J
Indeno(1,2,3-cd)pyrene	0.077 J
Dibenz(a,h)anthracene	<0.05 J
Benzo(g,h,i)perylene	0.11 J

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	01-2092 mb 1/5
Date Analyzed:	09/13/21	Data File:	091308.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	90	24	111
Phenol-d6	99	37	116
Nitrobenzene-d5	100	38	117
2-Fluorobiphenyl	97	45	117
2,4,6-Tribromophenol	80	11	158
Terphenyl-d14	106	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	NWPit-S-1.0	Client:	Farallon Consulting, LLC
Date Received:	09/09/21	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	109158-01 1/6
Date Analyzed:	09/13/21	Data File:	091306.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	68	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.5
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 109158
Date Extracted:	09/13/21	Lab ID:	01-2093 mb 1/6
Date Analyzed:	09/13/21	Data File:	091305.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	86	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 109103-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	85	71-131

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 109158-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	30,000	133 b	2 b	64-133	194 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	58-147

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

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

Laboratory Code: 109156-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	25.6	160 b	102 b	75-125	44 b
Barium	mg/kg (ppm)	50	109	100	95	75-125	5
Cadmium	mg/kg (ppm)	10	<5	92	92	75-125	0
Chromium	mg/kg (ppm)	50	17.6	89	90	75-125	1
Lead	mg/kg (ppm)	50	196	233 b	179 b	75-125	26 b
Mercury	mg/kg (ppm	5	<5	97	97	75-125	0
Selenium	mg/kg (ppm)	5	<5	89	89	75-125	0
Silver	mg/kg (ppm)	10	<5	85	88	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	96	80-120
Barium	mg/kg (ppm)	50	101	80-120
Cadmium	mg/kg (ppm)	10	101	80-120
Chromium	mg/kg (ppm)	50	104	80-120
Lead	mg/kg (ppm)	50	92	80-120
Mercury	mg/kg (ppm)	5	100	80-120
Selenium	mg/kg (ppm)	5	97	80-120
Silver	mg/kg (ppm)	10	95	80-120

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 109141-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	19	20	10-142	5
Chloromethane	mg/kg (ppm)	1	<0.5	51	50	10-126	2
Vinyl chloride	mg/kg (ppm)	1	<0.05	51	53	10-138	4
Bromomethane	mg/kg (ppm)	1	<0.5	79	82	10-163	4
Chloroethane	mg/kg (ppm)	1	<0.5	70	74	10-176	6
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	61	61	10-176	0
Acetone	mg/kg (ppm)	5	<5	49	54	10-163	10
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	72	72	10-160	0
Hexane	mg/kg (ppm)	1	<0.25	52	54	10-137	4
Methylene chloride	mg/kg (ppm)	1	<0.5	83	81	10-156	2
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	89	88	21-145	1
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	84	79	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	84	82	19-140	2
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	97	93	10-158	4
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	93	91	25-135	2
Chloroform	mg/kg (ppm)	1	<0.05	89	86	21-145	3
2-Butanone (MEK)	mg/kg (ppm)	5	<1	65	67	19-147	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	85	85	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	83	83	10-156	0
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	84	82	17-140	2
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	82	80	9-164	2
Benzene	mg/kg (ppm)	1	<0.03	86	83	29-129	4
Trichloroethene	mg/kg (ppm)	1	<0.02	83	82	21-139	1
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	90	90	30-135	0
Bromodichloromethane	mg/kg (ppm)	1	<0.05	88	85	23-155	3
Dibromomethane	mg/kg (ppm)	1	<0.05	91	89	23-145	2
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	91	92	24-155	1
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	95	94	28-144	1
Toluene	mg/kg (ppm)	1	<0.05	79	77	35-130	3
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	87	85	26-149	2
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	84	81	10-205	4
2-Hexanone	mg/kg (ppm)	5	<0.5	69	66	15-166	4
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	83	81	31-137	2
Tetrachloroethene	mg/kg (ppm)	1	<0.025	76	74	20-133	3
Dibromochloromethane	mg/kg (ppm)	1	<0.05	80	80	28-150	0
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	81	80	28-142	1
Chlorobenzene	mg/kg (ppm)	1	<0.05	82	79	32-129	4
Ethylbenzene	mg/kg (ppm)	1	<0.05	78	76	32-137	3
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	82	79	31-143	4
m,p-Xylene	mg/kg (ppm)	2	<0.1	80	77	34-136	4
o-Xylene	mg/kg (ppm)	1	<0.05	78	76	33-134	3
Styrene	mg/kg (ppm)	1	<0.05	83	81	35-137	2
Isopropylbenzene	mg/kg (ppm)	1	<0.05	78	76	31-142	3
Bromoform	mg/kg (ppm)	1	<0.05	89	87	21-156	2
n-Propylbenzene	mg/kg (ppm)	1	<0.05	75	73	23-146	3
Bromobenzene	mg/kg (ppm)	1	<0.05	81	77	34-130	5
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	74	71	18-149	4
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	89	84	28-140	6
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	85	81	25-144	5
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	75	74	31-134	1
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	77	74	31-136	4
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	75	73	30-137	3
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	<0.05	71	70	10-182	1
sec-Butylbenzene	mg/kg (ppm)	1	<0.05	75	73	23-145	3
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	73	72	21-149	1
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	77	75	30-131	3
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	81	77	29-129	5
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	80	79	31-132	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	74	74	11-161	0
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	77	75	22-142	3
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	92	88	10-142	4
Naphthalene	mg/kg (ppm)	1	<0.05	78	77	14-157	1
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	83	81	20-144	2

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	86	10-146
Chloromethane	mg/kg (ppm)	1	87	27-133
Vinyl chloride	mg/kg (ppm)	1	101	22-139
Bromomethane	mg/kg (ppm)	1	97	38-114
Chloroethane	mg/kg (ppm)	1	96	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	108	10-196
Acetone	mg/kg (ppm)	5	98	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	108	47-128
Hexane	mg/kg (ppm)	1	107	43-142
Methylene chloride	mg/kg (ppm)	1	103	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	109	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	113	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	108	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	133	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	120	72-127
Chloroform	mg/kg (ppm)	1	113	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	84	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	106	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	114	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	114	69-128
Carbon tetrachloride	mg/kg (ppm)	1	111	60-139
Benzene	mg/kg (ppm)	1	108	71-118
Trichloroethene	mg/kg (ppm)	1	109	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	108	72-127
Bromodichloromethane	mg/kg (ppm)	1	104	57-126
Dibromomethane	mg/kg (ppm)	1	109	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	100	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	109	67-122
Toluene	mg/kg (ppm)	1	103	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	102	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	99	64-115
2-Hexanone	mg/kg (ppm)	5	63	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	97	72-130
Tetrachloroethene	mg/kg (ppm)	1	108	72-114
Dibromochloromethane	mg/kg (ppm)	1	98	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	97	74-132
Chlorobenzene	mg/kg (ppm)	1	102	76-111
Ethylbenzene	mg/kg (ppm)	1	101	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	105	64-121
m,p-Xylene	mg/kg (ppm)	2	105	78-122
o-Xylene	mg/kg (ppm)	1	105	77-124
Styrene	mg/kg (ppm)	1	102	74-126
Isopropylbenzene	mg/kg (ppm)	1	108	76-127
Bromoform	mg/kg (ppm)	1	102	56-132
n-Propylbenzene	mg/kg (ppm)	1	103	74-124
Bromobenzene	mg/kg (ppm)	1	99	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	106	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	101	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	97	61-137
2-Chlorotoluene	mg/kg (ppm)	1	101	74-121
4-Chlorotoluene	mg/kg (ppm)	1	100	75-122
tert-Butylbenzene	mg/kg (ppm)	1	106	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	102	76-125
sec-Butylbenzene	mg/kg (ppm)	1	105	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	106	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	99	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	100	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	105	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	93	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	112	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	106	50-153
Naphthalene	mg/kg (ppm)	1	106	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	112	63-138

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	85	85	58-108	0
2-Methylnaphthalene	mg/kg (ppm)	0.83	91	91	67-108	0
1-Methylnaphthalene	mg/kg (ppm)	0.83	87	86	66-107	1
Acenaphthylene	mg/kg (ppm)	0.83	94	94	70-130	0
Acenaphthene	mg/kg (ppm)	0.83	84	85	66-112	1
Fluorene	mg/kg (ppm)	0.83	91	91	67-117	0
Phenanthrene	mg/kg (ppm)	0.83	91	92	70-130	1
Anthracene	mg/kg (ppm)	0.83	91	95	70-130	4
Fluoranthene	mg/kg (ppm)	0.83	96	99	70-130	3
Pyrene	mg/kg (ppm)	0.83	99	104	70-130	5
Benz(a)anthracene	mg/kg (ppm)	0.83	89	91	70-130	2
Chrysene	mg/kg (ppm)	0.83	93	96	70-130	3
Benzo(a)pyrene	mg/kg (ppm)	0.83	107	111	68-120	4
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	97	115	69-125	17
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	98	103	70-130	5
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	111	100	67-129	10
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	109	99	67-128	10
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	108	97	64-127	11

Date of Report: 09/16/21
Date Received: 09/09/21
Project: PACCAR 1353-001, F&BI 109158

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 109158-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	64	92	44-107	36 vo
Aroclor 1260	mg/kg (ppm)	0.25	<0.5	148 vo	131 vo	38-124	12

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	101	47-158
Aroclor 1260	mg/kg (ppm)	0.25	108	69-147

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

109158

SAMPLE CHAIN OF CUSTODY

ME 09-09-21

Page # 1 of 1 VSDS

Report To Peter Kingston
Company Farallon Consulting
Address 1809 7th Ave, Ste 1111
City, State, ZIP Seattle, WA
Phone _____ Email pkingston@farallonconsulting.com

SAMPLERS (signature) Courtney Nattkemper

PROJECT NAME: PACCAR
PO #: 1353-001

REMARKS
Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
☐ Standard turnaround
☑ RUSH Friday AM
Rush charges authorized by: Peter Kingston

SAMPLE DISPOSAL
☐ Archive samples
☐ Other _____
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	RCRA 8	TCLP Cd, Pb, Hg			Notes
NWPit-S-1.0	01A-F	9/9/21	1435	Soil	6	X	X			✓	✓	✓	✓	⊕			✓-per PM next day EP ⊕-per PM 48 Hr EP 9/14

Samples received at 4 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Nattkemper	Courtney van Stolk	Farallon	9-9-21	1540
Received by:	Liz Webber-Bruya	F:B	9/9/21	1540
Relinquished by:				
Received by:				

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 1, 2021

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on September 29, 2021 from the PACCAR 1353-001, F&BI 109555 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1001R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on September 29, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 109555 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
109555 -01	TP-13A-3.0
109555 -02	TP-13B-3.0
109555 -03	TP-13C-3.0
109555 -04	TP-13D-3.0
109555 -05	TP-13E-11.0

All quality control requirements were acceptable.

Date of Report: 10/01/21
Date Received: 09/29/21
Project: PACCAR 1353-001, F&BI 109555
Date Extracted: 09/29/21
Date Analyzed: 09/29/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-13A-3.0 109555-01	<50	<250	99
TP-13B-3.0 109555-02	<50	<250	99
TP-13C-3.0 109555-03	<50	<250	97
TP-13D-3.0 109555-04	<50	<250	108
TP-13E-11.0 109555-05	<50	<250	99
Method Blank 01-2250 MB	<50	<250	100

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-13A-3.0	Client:	Farallon Consulting, LLC
Date Received:	09/29/21	Project:	PACCAR 1353-001, F&BI 109555
Date Extracted:	09/29/21	Lab ID:	109555-01 1/5
Date Analyzed:	09/29/21	Data File:	092912.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	84	39	103
Phenol-d6	92	48	109
Nitrobenzene-d5	94	23	138
2-Fluorobiphenyl	84	50	150
2,4,6-Tribromophenol	95	40	127
Terphenyl-d14	98	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.19
Chrysene	0.15
Benzo(a)pyrene	0.072
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	0.040
Indeno(1,2,3-cd)pyrene	0.034
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-13B-3.0	Client:	Farallon Consulting, LLC
Date Received:	09/29/21	Project:	PACCAR 1353-001, F&BI 109555
Date Extracted:	09/29/21	Lab ID:	109555-02 1/5
Date Analyzed:	09/29/21	Data File:	092913.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	83	39	103
Phenol-d6	92	48	109
Nitrobenzene-d5	105	23	138
2-Fluorobiphenyl	91	50	150
2,4,6-Tribromophenol	100	40	127
Terphenyl-d14	103	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	0.011
Benzo(a)pyrene	0.018
Benzo(b)fluoranthene	0.025
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.032
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-13C-3.0	Client:	Farallon Consulting, LLC
Date Received:	09/29/21	Project:	PACCAR 1353-001, F&BI 109555
Date Extracted:	09/29/21	Lab ID:	109555-03 1/25
Date Analyzed:	09/29/21	Data File:	092916.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	79 d	39	103
Phenol-d6	91 d	48	109
Nitrobenzene-d5	86 d	23	138
2-Fluorobiphenyl	89 d	50	150
2,4,6-Tribromophenol	92 d	40	127
Terphenyl-d14	106 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.18
Chrysene	0.16
Benzo(a)pyrene	0.081
Benzo(b)fluoranthene	0.12
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-13D-3.0	Client:	Farallon Consulting, LLC
Date Received:	09/29/21	Project:	PACCAR 1353-001, F&BI 109555
Date Extracted:	09/29/21	Lab ID:	109555-04 1/5
Date Analyzed:	09/29/21	Data File:	092914.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	79	39	103
Phenol-d6	86	48	109
Nitrobenzene-d5	97	23	138
2-Fluorobiphenyl	84	50	150
2,4,6-Tribromophenol	90	40	127
Terphenyl-d14	97	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-13E-11.0	Client:	Farallon Consulting, LLC
Date Received:	09/29/21	Project:	PACCAR 1353-001, F&BI 109555
Date Extracted:	09/29/21	Lab ID:	109555-05 1/5
Date Analyzed:	09/29/21	Data File:	092915.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	77	39	103
Phenol-d6	84	48	109
Nitrobenzene-d5	97	23	138
2-Fluorobiphenyl	86	50	150
2,4,6-Tribromophenol	90	40	127
Terphenyl-d14	102	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.66
Chrysene	0.34
Benzo(a)pyrene	0.17
Benzo(b)fluoranthene	0.33
Benzo(k)fluoranthene	0.10
Indeno(1,2,3-cd)pyrene	0.050
Dibenz(a,h)anthracene	0.015

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 109555
Date Extracted:	09/29/21	Lab ID:	01-2246 mb 1/5
Date Analyzed:	09/29/21	Data File:	092906.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	91	39	103
Phenol-d6	95	48	109
Nitrobenzene-d5	118	23	138
2-Fluorobiphenyl	103	50	150
2,4,6-Tribromophenol	89	40	127
Terphenyl-d14	114	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 10/01/21
Date Received: 09/29/21
Project: PACCAR 1353-001, F&BI 109555

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 109549-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	2,700	104	98	73-135	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	74-139

Date of Report: 10/01/21
Date Received: 09/29/21
Project: PACCAR 1353-001, F&BI 109555

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 109525-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	0.072	88	87	50-150	1
Chrysene	mg/kg (ppm)	0.83	0.075	85	82	50-150	4
Benzo(a)pyrene	mg/kg (ppm)	0.83	0.074	92	88	50-150	4
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	0.084	92	89	50-150	3
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	0.027	96	91	50-150	5
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	0.049	91	91	50-150	0
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	0.0099	93	92	50-150	1

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	97	64-116
Chrysene	mg/kg (ppm)	0.83	94	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	98	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	100	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	101	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	101	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	100	67-131

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

OnSite Environmental Inc. 109555

Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

ME 09-29-21

Page 1 of 1 ~~B0~~ B02

Company: Farallon
Project Number: 1353-001
Project Name: PACCAR
Project Manager: S. Brown
Sampled by: S. Brown

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☐ _____ (other)

Laboratory Number:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
01	TP-13A-3.0	9/28/21	1429	Soil	1
02	TP-13B-3.0		1432		1
03	TP-13C-3.0		1435		1
04	TP-13D-3.0		1437		1
05	TP-13E-11.0		1445		1

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level) cPAHs	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
01				/					/									
02				/					/									
03				/					/									
04				/					/									
05				/					/									

	Signature	Company	Date	Time
Relinquished		Farallon	9/28/21	1621
Received		F?B	9/29/21	1153
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Samples received at 3 °C

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

November 8, 2021

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the additional results from the testing of material submitted on November 2, 2021 from the PACCAR 1353-001, F&BI 111017 project. There are 11 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1108R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on November 2, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 111017 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
111017 -01	TP-16A
111017 -02	TP-16B

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-16A	Client:	Farallon Consulting, LLC
Date Received:	11/02/21	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/04/21	Lab ID:	111017-01 1/25
Date Analyzed:	11/04/21	Data File:	110417.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	67	39	103
Phenol-d6	84	48	109
Nitrobenzene-d5	83	23	138
2-Fluorobiphenyl	98	50	150
2,4,6-Tribromophenol	106	40	127
Terphenyl-d14	105	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.14
Chrysene	0.20
Benzo(a)pyrene	0.14
Benzo(b)fluoranthene	0.21
Benzo(k)fluoranthene	0.076
Indeno(1,2,3-cd)pyrene	0.062
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-16B	Client:	Farallon Consulting, LLC
Date Received:	11/02/21	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/04/21	Lab ID:	111017-02 1/25
Date Analyzed:	11/04/21	Data File:	110416.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	81	39	103
Phenol-d6	90	48	109
Nitrobenzene-d5	91	23	138
2-Fluorobiphenyl	99	50	150
2,4,6-Tribromophenol	99	40	127
Terphenyl-d14	101	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.052
Chrysene	0.076
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	0.072
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/04/21	Lab ID:	01-2547 mb2 1/5
Date Analyzed:	11/04/21	Data File:	110407.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	74	39	103
Phenol-d6	83	48	109
Nitrobenzene-d5	83	23	138
2-Fluorobiphenyl	90	50	150
2,4,6-Tribromophenol	89	40	127
Terphenyl-d14	95	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-16A	Client:	Farallon Consulting, LLC
Date Received:	11/02/21	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/04/21	Lab ID:	111017-01 1/6
Date Analyzed:	11/05/21	Data File:	110509.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	AS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.43
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-16B	Client:	Farallon Consulting, LLC
Date Received:	11/02/21	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/04/21	Lab ID:	111017-02 1/6
Date Analyzed:	11/05/21	Data File:	110510.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	AS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.53
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/04/21	Lab ID:	01-2554 mb 1/6
Date Analyzed:	11/05/21	Data File:	110505.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	AS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 11/08/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 110601-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.002	90	93	50-150	3
Chrysene	mg/kg (ppm)	0.17	<0.002	88	91	50-150	3
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.002	91	89	50-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	<0.002	92	89	50-150	3
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.002	87	89	50-150	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.002	102	93	50-150	9
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.002	98	92	50-150	6

Date of Report: 11/08/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.17	87	64-116
Chrysene	mg/kg (ppm)	0.17	86	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.17	83	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	87	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	83	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	97	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	94	67-131

Date of Report: 11/08/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 111040-05 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	105	94	44-107	16
Aroclor 1260	mg/kg (ppm)	0.25	0.16	188 b	156 b	38-124	19 b

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	104	47-158
Aroclor 1260	mg/kg (ppm)	0.25	117	69-147

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

111017

SAMPLE CHAIN OF CUSTODY

ME 11-02-21

US-DI / 1401

Page # 1 of 1

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA 98027

Phone (425) 295-1406 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Emi Smith

PROJECT NAME: PACCAR

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082					● per SB 11/4/21 ME Notes
TP-16A	01 A-C	11/2/21	1130	S	3	X	X			X	●	●					X - per SB 11/2/21
TP-16B	02 V	11/2/21	1130	S	3	X	X			X	●	●					ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emi Smith	Emi Smith	Farallon	11/2/21	1230
Received by:		FedEx	11/3/21	1230
Relinquished by:				
Received by:		Samples received at 4 °C		

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

November 4, 2021

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on November 2, 2021 from the PACCAR 1353-001, F&BI 111017 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1104R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on November 2, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 111017 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
111017 -01	TP-16A
111017 -02	TP-16B

The 8260D acetone calibration standard, matrix spike, matrix spike duplicate, and laboratory control sample failed the acceptance criteria. The data were flagged accordingly.

All other quality control requirements were acceptable.

Date of Report: 11/04/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017
Date Extracted: 11/02/21
Date Analyzed: 11/03/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 58-139)
TP-16A 111017-01	200	ip
TP-16B 111017-02	43	127
Method Blank 01-2326 MB	<5	114

Date of Report: 11/04/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017
Date Extracted: 11/03/21
Date Analyzed: 11/03/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
TP-16A 111017-01	470 x	2,000	95
TP-16B 111017-02	66 x	360	94
Method Blank 01-2523 MB	<50	<250	91

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	TP-16A	Client:	Farallon Consulting, LLC
Date Received:	11/02/21	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/02/21	Lab ID:	111017-01 1/0.25
Date Analyzed:	11/02/21	Data File:	110238.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	79	128
Toluene-d8	103	84	121
4-Bromofluorobenzene	109	84	116

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.001
Vinyl chloride	<0.001	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	0.15
Acetone	<5 ca	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.001	m,p-Xylene	0.034
Hexane	<0.25	o-Xylene	0.013
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.001	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.001	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	0.068
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	0.0081	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	0.0065	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	0.022
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	TP-16B	Client:	Farallon Consulting, LLC
Date Received:	11/02/21	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/02/21	Lab ID:	111017-02 1/0.25
Date Analyzed:	11/02/21	Data File:	110239.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	79	128
Toluene-d8	99	84	121
4-Bromofluorobenzene	103	84	116

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.001
Vinyl chloride	<0.001	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	0.23
Acetone	<5 ca	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.001	m,p-Xylene	0.095
Hexane	<0.25	o-Xylene	0.088
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.001	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.001	1,3,5-Trimethylbenzene	0.14
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	0.28
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	0.0031	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	0.011	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	0.065
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 111017
Date Extracted:	11/02/21	Lab ID:	01-2484 mb 1/0.25
Date Analyzed:	11/02/21	Data File:	110208.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	79	128
Toluene-d8	96	84	121
4-Bromofluorobenzene	95	84	116

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.001
Vinyl chloride	<0.001	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.001	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.001	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.001	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.001	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.005
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Date of Report: 11/04/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 110541-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	125	71-131

Date of Report: 11/04/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 111017-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	1,500	98	91	64-133	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	84	58-147

Date of Report: 11/04/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 110430-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	32	33	10-142	3
Chloromethane	mg/kg (ppm)	1	<0.5	56	61	10-126	9
Vinyl chloride	mg/kg (ppm)	1	<0.05	60	62	10-138	3
Bromomethane	mg/kg (ppm)	1	<0.5	79	72	10-163	9
Chloroethane	mg/kg (ppm)	1	<0.5	72	68	10-176	6
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	86	86	10-176	0
Acetone	mg/kg (ppm)	5	<5	170 vo	198 vo	10-163	15
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	79	84	10-160	6
Hexane	mg/kg (ppm)	1	<0.25	72	72	10-137	0
Methylene chloride	mg/kg (ppm)	1	<0.5	119	119	10-156	0
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	91	94	21-145	3
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	93	97	14-137	4
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	95	97	19-140	2
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	120	121	10-158	1
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	97	99	25-135	2
Chloroform	mg/kg (ppm)	1	<0.05	94	96	21-145	2
2-Butanone (MEK)	mg/kg (ppm)	5	<1	136	143	19-147	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	0.041	94	96	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	96	99	10-156	3
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	94	97	17-140	3
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	105	107	9-164	2
Benzene	mg/kg (ppm)	1	0.36	64 b	67 b	29-129	5 b
Trichloroethene	mg/kg (ppm)	1	<0.02	92	93	21-139	1
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	98	103	30-135	5
Bromodichloromethane	mg/kg (ppm)	1	<0.05	96	100	23-155	4
Dibromomethane	mg/kg (ppm)	1	<0.05	99	103	23-145	4
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	98	103	24-155	5
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	98	101	28-144	3
Toluene	mg/kg (ppm)	1	<0.05	93	96	35-130	3
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	97	99	26-149	2
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	91	96	10-205	5
2-Hexanone	mg/kg (ppm)	5	<0.5	106	112	15-166	6
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	94	99	31-137	5
Tetrachloroethene	mg/kg (ppm)	1	<0.025	96	99	20-133	3
Dibromochloromethane	mg/kg (ppm)	1	<0.05	95	98	28-150	3
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	93	97	28-142	4
Chlorobenzene	mg/kg (ppm)	1	<0.05	94	98	32-129	4
Ethylbenzene	mg/kg (ppm)	1	0.20	80	83	32-137	4
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	104	107	31-143	3
m,p-Xylene	mg/kg (ppm)	2	0.19	91	94	34-136	3
o-Xylene	mg/kg (ppm)	1	<0.05	98	99	33-134	1
Styrene	mg/kg (ppm)	1	<0.05	95	98	35-137	3
Isopropylbenzene	mg/kg (ppm)	1	<0.05	95	98	31-142	3
Bromoform	mg/kg (ppm)	1	<0.05	94	97	21-156	3
n-Propylbenzene	mg/kg (ppm)	1	0.041	94	96	23-146	2
Bromobenzene	mg/kg (ppm)	1	<0.05	95	99	34-130	4
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	98	98	18-149	0
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	102	102	28-140	0
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	90	92	25-144	2
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	92	95	31-134	3
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	97	98	31-136	1
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	100	101	30-137	1
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	0.23	81 b	81 b	10-182	0 b
sec-Butylbenzene	mg/kg (ppm)	1	<0.05	101	101	23-145	0
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	99	100	21-149	1
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	95	98	30-131	3
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	96	97	29-129	1
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	97	96	31-132	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	90	92	11-161	2
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	97	95	22-142	2
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	106	101	10-142	5
Naphthalene	mg/kg (ppm)	1	0.090	87	87	14-157	0
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	93	93	20-144	0

Date of Report: 11/04/21
Date Received: 11/02/21
Project: PACCAR 1353-001, F&BI 111017

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	80	10-146
Chloromethane	mg/kg (ppm)	1	83	27-133
Vinyl chloride	mg/kg (ppm)	1	92	22-139
Bromomethane	mg/kg (ppm)	1	89	38-114
Chloroethane	mg/kg (ppm)	1	84	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	107	10-196
Acetone	mg/kg (ppm)	5	144 vo	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	92	47-128
Hexane	mg/kg (ppm)	1	104	43-142
Methylene chloride	mg/kg (ppm)	1	107	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	99	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	105	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	101	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	125	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	104	72-127
Chloroform	mg/kg (ppm)	1	96	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	121	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	102	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	102	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	99	69-128
Carbon tetrachloride	mg/kg (ppm)	1	109	60-139
Benzene	mg/kg (ppm)	1	99	71-118
Trichloroethene	mg/kg (ppm)	1	97	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	101	72-127
Bromodichloromethane	mg/kg (ppm)	1	100	57-126
Dibromomethane	mg/kg (ppm)	1	104	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	107	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	101	67-122
Toluene	mg/kg (ppm)	1	98	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	100	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	96	64-115
2-Hexanone	mg/kg (ppm)	5	98	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	99	72-130
Tetrachloroethene	mg/kg (ppm)	1	99	72-114
Dibromochloromethane	mg/kg (ppm)	1	98	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	100	74-132
Chlorobenzene	mg/kg (ppm)	1	98	76-111
Ethylbenzene	mg/kg (ppm)	1	98	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	105	64-121
m,p-Xylene	mg/kg (ppm)	2	101	78-122
o-Xylene	mg/kg (ppm)	1	99	77-124
Styrene	mg/kg (ppm)	1	96	74-126
Isopropylbenzene	mg/kg (ppm)	1	98	76-127
Bromoform	mg/kg (ppm)	1	97	56-132
n-Propylbenzene	mg/kg (ppm)	1	98	74-124
Bromobenzene	mg/kg (ppm)	1	99	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	99	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	104	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	95	61-137
2-Chlorotoluene	mg/kg (ppm)	1	94	74-121
4-Chlorotoluene	mg/kg (ppm)	1	98	75-122
tert-Butylbenzene	mg/kg (ppm)	1	98	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	97	76-125
sec-Butylbenzene	mg/kg (ppm)	1	102	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	99	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	96	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	96	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	97	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	98	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	96	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	101	50-153
Naphthalene	mg/kg (ppm)	1	95	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	94	63-138

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

111017

SAMPLE CHAIN OF CUSTODY

ME 11-02-21

US-DI / 1401

Page # 1 of 1

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA 98027

Phone (425) 295-1406 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Emi Smith

PROJECT NAME: PACCAR

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082					● per SB 11/4/21 ME Notes
TP-16A	01 A-C	11/2/21	1130	S	3	X	X			X	●	●					X - per SB 11/2/21
TP-16B	02 V	11/2/21	1130	S	3	X	X			X	●	●					ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emi Smith	Emi Smith	Farallon	11/2/21	1230
Received by:		FedEx	11/3/21	1230
Relinquished by:				
Received by:		Samples received at 4 °C		

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

December 9, 2021

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on November 8, 2021 from the PACCAR 1353-001, F&BI 111143 project. Per your request, the soil and water results for this project have been separated into different reports.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data, Pete Kingston
FLN1111R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

November 11, 2021

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the soil results from the testing of material submitted on November 8, 2021 from the PACCAR 1353-001, F&BI 111143 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data, Pete Kingston
FLN1111R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 8, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 111143 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
111143 -02	TP-16-5.0
111143 -03	TP-16-5.0-2

Samples TP-16-5.0 and TP-16-5.0-2 were not received in 5035 sampling containers. The data were flagged accordingly.

Acetone in the 8260D soil laboratory control sample exceeded the acceptance criteria. The analyte was not detected in the samples, therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 11/11/21
Date Received: 11/08/21
Project: PACCAR 1353-001, F&BI 111143
Date Extracted: 11/10/21
Date Analyzed: 11/10/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
TP-16-5.0 pc 111143-02	<5	98
TP-16-5.0-2 pc 111143-03	<5	111
Method Blank 01-2533 MB	<5	117

Date of Report: 11/11/21
Date Received: 11/08/21
Project: PACCAR 1353-001, F&BI 111143
Date Extracted: 11/09/21
Date Analyzed: 11/09/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
TP-16-5.0 111143-02	<50	540	96
TP-16-5.0-2 111143-03	<50	<250	95
Method Blank 01-2608 MB	<50	<250	95

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-16-5.0 pc	Client:	Farallon Consulting, LLC
Date Received:	11/08/21	Project:	1353-001, F&BI 111143
Date Extracted:	11/09/21	Lab ID:	111143-02
Date Analyzed:	11/09/21	Data File:	110913.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	109
Toluene-d8	104	89	112
4-Bromofluorobenzene	98	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-16-5.0-2 pc	Client:	Farallon Consulting, LLC
Date Received:	11/08/21	Project:	1353-001, F&BI 111143
Date Extracted:	11/09/21	Lab ID:	111143-03
Date Analyzed:	11/09/21	Data File:	110914.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	109
Toluene-d8	102	89	112
4-Bromofluorobenzene	96	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 111143
Date Extracted:	11/09/21	Lab ID:	01-2564 mb
Date Analyzed:	11/09/21	Data File:	110905.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	109
Toluene-d8	103	89	112
4-Bromofluorobenzene	98	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Date of Report: 11/11/21
Date Received: 11/08/21
Project: PACCAR 1353-001, F&BI 111143

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 111171-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

Date of Report: 11/11/21
Date Received: 11/08/21
Project: PACCAR 1353-001, F&BI 111143

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 111143-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	190	96	96	63-146	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	96	79-144

Date of Report: 11/11/21
Date Received: 11/08/21
Project: PACCAR 1353-001, F&BI 111143

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 111143-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	8 vo	11	10-142	32 vo
Chloromethane	mg/kg (ppm)	1	<0.5	32	40	10-126	22 vo
Vinyl chloride	mg/kg (ppm)	1	<0.05	33	43	10-138	26 vo
Bromomethane	mg/kg (ppm)	1	<0.5	60	72	10-163	18
Chloroethane	mg/kg (ppm)	1	<0.5	53	64	10-176	19
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	52	65	10-176	22 vo
Acetone	mg/kg (ppm)	5	<5	154	164 vo	10-163	6
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	60	73	10-160	20
Hexane	mg/kg (ppm)	1	<0.25	33	44	10-137	29 vo
Methylene chloride	mg/kg (ppm)	1	<0.5	63	74	10-156	16
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	74	81	21-145	9
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	65	77	14-137	17
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	68	75	19-140	10
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	84	92	10-158	9
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	73	84	25-135	14
Chloroform	mg/kg (ppm)	1	<0.05	72	79	21-145	9
2-Butanone (MEK)	mg/kg (ppm)	5	<1	107	114	19-147	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	79	86	12-160	8
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	73	81	10-156	10
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	66	77	17-140	15
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	75	86	9-164	14
Benzene	mg/kg (ppm)	1	<0.03	69	77	29-129	11
Trichloroethene	mg/kg (ppm)	1	<0.02	80	90	21-139	12
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	73	83	30-135	13
Bromodichloromethane	mg/kg (ppm)	1	<0.05	75	83	23-155	10
Dibromomethane	mg/kg (ppm)	1	<0.05	80	87	23-145	8
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	82	90	24-155	9
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	75	81	28-144	8
Toluene	mg/kg (ppm)	1	<0.05	71	76	35-130	7
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	74	82	26-149	10
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	70	76	10-205	8
2-Hexanone	mg/kg (ppm)	5	<0.5	78	83	15-166	6
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	72	80	31-137	11
Tetrachloroethene	mg/kg (ppm)	1	<0.025	69	78	20-133	12
Dibromochloromethane	mg/kg (ppm)	1	<0.05	73	79	28-150	8
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	71	78	28-142	9
Chlorobenzene	mg/kg (ppm)	1	<0.05	72	79	32-129	9
Ethylbenzene	mg/kg (ppm)	1	<0.05	71	79	32-137	11
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	72	78	31-143	8
m,p-Xylene	mg/kg (ppm)	2	<0.1	73	81	34-136	10
o-Xylene	mg/kg (ppm)	1	<0.05	72	80	33-134	11
Styrene	mg/kg (ppm)	1	<0.05	72	79	35-137	9
Isopropylbenzene	mg/kg (ppm)	1	<0.05	72	79	31-142	9
Bromoform	mg/kg (ppm)	1	<0.05	73	81	21-156	10
n-Propylbenzene	mg/kg (ppm)	1	<0.05	69	76	23-146	10
Bromobenzene	mg/kg (ppm)	1	<0.05	71	80	34-130	12
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	71	78	18-149	9
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	58	64	28-140	10
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	67	71	25-144	6
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	68	75	31-134	10
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	70	78	31-136	11
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	72	80	30-137	11
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	<0.05	70	76	10-182	8
sec-Butylbenzene	mg/kg (ppm)	1	<0.05	70	77	23-145	10
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	70	77	21-149	10
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	72	77	30-131	7
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	71	77	29-129	8
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	71	78	31-132	9
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	65	70	11-161	7
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	74	81	22-142	9
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	78	84	10-142	7
Naphthalene	mg/kg (ppm)	1	<0.05	70	77	14-157	10
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	73	80	20-144	9

Date of Report: 11/11/21
Date Received: 11/08/21
Project: PACCAR 1353-001, F&BI 111143

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	55	10-146
Chloromethane	mg/kg (ppm)	1	76	27-133
Vinyl chloride	mg/kg (ppm)	1	84	22-139
Bromomethane	mg/kg (ppm)	1	112	38-114
Chloroethane	mg/kg (ppm)	1	98	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	114	10-196
Acetone	mg/kg (ppm)	5	151 vo	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	110	47-128
Hexane	mg/kg (ppm)	1	87	43-142
Methylene chloride	mg/kg (ppm)	1	106	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	108	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	105	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	106	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	132	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	110	72-127
Chloroform	mg/kg (ppm)	1	106	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	112	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	113	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	111	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	105	69-128
Carbon tetrachloride	mg/kg (ppm)	1	121	60-139
Benzene	mg/kg (ppm)	1	106	71-118
Trichloroethene	mg/kg (ppm)	1	105	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	107	72-127
Bromodichloromethane	mg/kg (ppm)	1	109	57-126
Dibromomethane	mg/kg (ppm)	1	112	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	113	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	108	67-122
Toluene	mg/kg (ppm)	1	104	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	107	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	102	64-115
2-Hexanone	mg/kg (ppm)	5	86	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	105	72-130
Tetrachloroethene	mg/kg (ppm)	1	105	72-114
Dibromochloromethane	mg/kg (ppm)	1	106	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	106	74-132
Chlorobenzene	mg/kg (ppm)	1	104	76-111
Ethylbenzene	mg/kg (ppm)	1	105	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	105	64-121
m,p-Xylene	mg/kg (ppm)	2	106	78-122
o-Xylene	mg/kg (ppm)	1	103	77-124
Styrene	mg/kg (ppm)	1	104	74-126
Isopropylbenzene	mg/kg (ppm)	1	104	76-127
Bromoform	mg/kg (ppm)	1	107	56-132
n-Propylbenzene	mg/kg (ppm)	1	98	74-124
Bromobenzene	mg/kg (ppm)	1	105	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	103	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	102	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	95	61-137
2-Chlorotoluene	mg/kg (ppm)	1	97	74-121
4-Chlorotoluene	mg/kg (ppm)	1	99	75-122
tert-Butylbenzene	mg/kg (ppm)	1	103	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	102	76-125
sec-Butylbenzene	mg/kg (ppm)	1	101	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	102	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	101	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	103	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	102	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	96	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	105	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	110	50-153
Naphthalene	mg/kg (ppm)	1	98	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	103	63-138

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

111143

SAMPLE CHAIN OF CUSTODY

11-08-21

A01/E03/VW1/AI3

Report To Stuart Brown, Pete Kingston

Company Farallon

Address

City, State, ZIP

Phone Email PKingston, SBrown @ Farallon consulting.com

SAMPLERS (signature)	
PROJECT NAME: PACCAR	PO #: 1353-001
REMARKS	INVOICE TO: AP
Project specific RLs? - Yes / No	

Page # 1 of 1

TURNAROUND TIME
☑ Standard turnaround (soil)
☑ RUSH for SV sample (24 h)
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Archive samples
☐ Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	metals	PACCAR SVOCs	PACCAR Metals	Hg	pH Turbidity	Notes
Batch-05-EFFLUENT-110821	01 A-M	11/8/21	1310	water	13	(x)	(x)			(x)				(x)	(x)	(x)	(x)	
TP-16-5.0	02	11/8/21	1350	soil	1	●	●			●	~~X~~	~~X~~	~~X~~					
TP-16-5.0-2	03	11/8/21	1355	soil	1	●	●			●	~~X~~	~~X~~	~~X~~					
																		(x) PACCAR
																		List ME 11/9/21 MG
																		● 24 hr TAT
																		per SB 11/9/21
																		Hold other soil tests ME

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Braeden Lukkari	Farallon	11/8/21	1545
Received by: [signature]	Khoi Hoang	FBI	11/8/21	1545
Relinquished by:				
Received by:		Samples received at 17 °C		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 14, 2021

Pete Kingston, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Kingston:

Included are the results from the testing of material submitted on September 10, 2021 from the PACCAR Site 1353-001, F&BI 109180 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0914R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on September 10, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 109180 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
109180 -01	EX01-B01-6.5
109180 -02	EX01-SSW01-3.0
109180 -03	EX01-SSW02-3.0
109180 -04	SP01-01
109180 -05	SP01-02
109180 -06	SP01-03

All quality control requirements were acceptable.

Date of Report: 09/14/21
Date Received: 09/10/21
Project: PACCAR Site 1353-001, F&BI 109180
Date Extracted: 09/13/21
Date Analyzed: 09/13/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
EX01-B01-6.5 109180-01 1/10	2,800	ip
EX01-SSW01-3.0 109180-02	<5	102
EX01-SSW02-3.0 109180-03	<5	98
SP01-01 109180-04	160	138
SP01-02 109180-05	7.8	95
SP01-03 109180-06	<5	96
Method Blank 01-1935 MB	<5	88

Date of Report: 09/14/21
Date Received: 09/10/21
Project: PACCAR Site 1353-001, F&BI 109180
Date Extracted: 09/10/21
Date Analyzed: 09/10/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
EX01-B01-6.5 109180-01	5,500 x	7,700	101
EX01-SSW01-3.0 109180-02	190 x	770	95
EX01-SSW02-3.0 109180-03	<50	<250	98
SP01-01 109180-04	1,800 x	3,400	98
SP01-02 109180-05	460 x	1,100	98
SP01-03 109180-06	<50	<250	103
Method Blank 01-2091 MB	<50	<250	93

Date of Report: 09/14/21
Date Received: 09/10/21
Project: PACCAR Site 1353-001, F&BI 109180

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 109160-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

Date of Report: 09/14/21
Date Received: 09/10/21
Project: PACCAR Site 1353-001, F&BI 109180

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 109162-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	4,200	111	132	73-135	17

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	130	74-139

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

109180

SAMPLE CHAIN OF CUSTODY

ME 09-10-21 US3/A03

Page # 1 of 1

Report To Pete Kingston

Company Farallon Consulting

Address 1809 7th Ave. Ste. 1111

City, State, ZIP Seattle, WA

Phone _____ Email pkingston@farallonconsulting.com

SAMPLERS (*signature*) Courtney Knowlton

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard turnaround
- ☑ RUSH 24
- Rush charges authorized by: P. Kingston

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
EX01-B01-6.5	01 A-F	9/10/21	1023	soil	6	X	X										
EX01-SSW01-3.0	02		1027														
EX01-SSW02-3.0	03		1032														
SP01-01	04		1100														
SP01-02	05		1103														
SP01-03	06		1106														

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Knowlton	Courtney van Stolk	Farallon	9/10	1326
Received by: Nhan Phan	Nhan Phan	FLBI	9/10/21	1326
Relinquished by:				
Received by:				

Samples received at 4 °C

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 15, 2021

Pete Kingston, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Kingston:

Included are the results from the testing of material submitted on September 13, 2021 from the PACCAR Site 1353-001, F&BI 109223 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0915R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on September 13, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 109223 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
109223 -01	EX02-SSW01-2.0
109223 -02	EX02-B02-2.5
109223 -03	EX02-B03-2.0
109223 -04	TP-04-2.5
109223 -05	TP-05-2.5
109223 -06	TP-06-2.5
109223 -07	TP-07-2.5
109223 -08	TP-08-2.5
109223 -09	TP-09-2.5
109223 -10	TP-10-2.5
109223 -11	EX02-B01-6.5
109223 -12	TP-11-2.5
109223 -13	TP-12-2.5

All quality control requirements were acceptable.

Date of Report: 09/15/21
Date Received: 09/13/21
Project: PACCAR Site 1353-001, F&BI 109223
Date Extracted: 09/14/21
Date Analyzed: 09/14/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
EX02-SSW01-2.0 109223-01	<5	107
EX02-B02-2.5 109223-02	<5	87
EX02-B03-2.0 109223-03	<5	100
TP-05-2.5 109223-05	<5	102
TP-06-2.5 109223-06	30	78
TP-07-2.5 109223-07	<5	100
TP-08-2.5 109223-08	<5	100
TP-09-2.5 109223-09	26	96
TP-10-2.5 109223-10	<5	100
TP-11-2.5 109223-12	<5	101

Date of Report: 09/15/21
Date Received: 09/13/21
Project: PACCAR Site 1353-001, F&BI 109223
Date Extracted: 09/14/21
Date Analyzed: 09/14/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
TP-12-2.5 109223-13	<5	101
Method Blank 01-1936 MB2	<5	92
Method Blank 01-1938 MB	<5	91

Date of Report: 09/15/21
Date Received: 09/13/21
Project: PACCAR Site 1353-001, F&BI 109223
Date Extracted: 09/14/21
Date Analyzed: 09/14/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
EX02-SSW01-2.0 109223-01	71 x	440	88
EX02-B02-2.5 109223-02	<50	<250	88
EX02-B03-2.0 109223-03	<50	<250	88
TP-05-2.5 109223-05	410	650	95
TP-06-2.5 109223-06 1/10	34,000	54,000	ip
TP-07-2.5 109223-07	270 x	850	88
TP-08-2.5 109223-08	<50	<250	89
TP-09-2.5 109223-09	94 x	760	90
TP-10-2.5 109223-10	<50	<250	89
TP-11-2.5 109223-12	<50	<250	98

Date of Report: 09/15/21
Date Received: 09/13/21
Project: PACCAR Site 1353-001, F&BI 109223
Date Extracted: 09/14/21
Date Analyzed: 09/14/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
TP-12-2.5 109223-13	<50	<250	99
Method Blank 01-2099 MB	<50	<250	90

Date of Report: 09/15/21
Date Received: 09/13/21
Project: PACCAR Site 1353-001, F&BI 109223

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 109204-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

Date of Report: 09/15/21
Date Received: 09/13/21
Project: PACCAR Site 1353-001, F&BI 109223

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 109225-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	61-153

Date of Report: 09/15/21
Date Received: 09/13/21
Project: PACCAR Site 1353-001, F&BI 109223

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 109223-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	310	102	104	64-133	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	58-147

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

109223

SAMPLE CHAIN OF CUSTODY

09-13-21

A03/V55

Page # 1 of 2

Report To Pete Kingston

Company Farallon

Address 1809 7th Ave, Ste 1111

City, State, ZIP Seattle, WA

Phone _____ Email pkingston@farallonconsulting.com

SAMPLERS (*signature*) Courtney Van Stolk

PROJECT NAME: PACCAR Site

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard turnaround
- ☑ RUSH same day

Rush charges authorized by: P. Kingston

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
EX02-SSW01-2.0	01 A-F	9-13-21	1232	Soil	6	X	X										
EX02-B02-2.5	02		1238		6	X	X										
EX02-B03-2.0	03		1245		6	X	X										
TP-04-2.5	04 A-E		1424		5												
TP-05-2.5	05		1435		5	X	X										
TP-06-2.5	06 A-F		1438		6												contains product.
TP-07-2.5	07 A-E		1449		5												
TP-08-2.5	08		1510		5												
TP-09-2.5	09		1515		5												
TP-10-2.5	10	▽	1518	▽	5	▽	▽										

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Van Stolk	Courtney van Stolk	Farallon	9/13/21	1747
Received by:	Yelena Aravkina	F&B	9/13/21	1750
Relinquished by:	Samples received at 3 °C			
Received by:				

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

SAMPLE CHAIN OF CUSTODY

109723

09-13-21

A03/VS5

Page # 2 of 2

Report To P. Kingston

Company Farallon

Address 1809 7th Ave Ste 1111

City, State, ZIP Seattle, WA

Phone _____ Email pkingston@farallonconsulting.com

SAMPLERS (*signature*) Courtney vanStolk

PROJECT NAME: PACCAR Site

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard turnaround
- ☑ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
EX02-B01-6.5	11 A-F	9-13-21	1235	Soil	6												
TP-11-2.5	12 A-E	"	1525	"	5	X	X										
TP-12-2.5	13 "	"	1528	"	5	X	X										

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney vanStolk	Courtney vanStolk	Farallon	9-13-21	1747
Received by:	Yelena Aravkina	F&B	9/13/21	1750
Relinquished by:	Samples received at 3 °C			
Received by:				

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 11, 2021

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on October 6, 2021 from the PACCAR Site 1353-001, F&BI 110118 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1011R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 6, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 110118 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
110118 -01	TP-14-3.5
110118 -02	TP-15-3.5
110118 -03	TP-16-5
110118 -04	TP-16-9

All quality control requirements were acceptable.

Date of Report: 10/11/21
Date Received: 10/06/21
Project: PACCAR Site 1353-001, F&BI 110118
Date Extracted: 10/07/21
Date Analyzed: 10/07/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
TP-14-3.5 110118-01	<50	<250	84
TP-15-3.5 110118-02	<50	<250	83
Method Blank 01-2333 MB	<50	<250	86

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-14-3.5	Client:	Farallon Consulting, LLC
Date Received:	10/06/21	Project:	PACCAR Site 1353-001, F&BI 110118
Date Extracted:	10/07/21	Lab ID:	110118-01 1/5
Date Analyzed:	10/07/21	Data File:	100724.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	24	111
Phenol-d6	89	37	116
Nitrobenzene-d5	89	38	117
2-Fluorobiphenyl	89	45	117
2,4,6-Tribromophenol	90	11	158
Terphenyl-d14	100	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-15-3.5	Client:	Farallon Consulting, LLC
Date Received:	10/06/21	Project:	PACCAR Site 1353-001, F&BI 110118
Date Extracted:	10/07/21	Lab ID:	110118-02 1/5
Date Analyzed:	10/07/21	Data File:	100725.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	74	24	111
Phenol-d6	83	37	116
Nitrobenzene-d5	80	38	117
2-Fluorobiphenyl	79	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	97	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001, F&BI 110118
Date Extracted:	10/07/21	Lab ID:	01-2330 mb 1/5
Date Analyzed:	10/07/21	Data File:	100723.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	90	24	111
Phenol-d6	97	37	116
Nitrobenzene-d5	102	38	117
2-Fluorobiphenyl	102	45	117
2,4,6-Tribromophenol	90	11	158
Terphenyl-d14	102	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 10/11/21
Date Received: 10/06/21
Project: PACCAR Site 1353-001, F&BI 110118

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 110118-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	98	90	63-146	9

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	79-144

Date of Report: 10/11/21
Date Received: 10/06/21
Project: PACCAR Site 1353-001, F&BI 110118

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 110042-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	97	96	50-150	1
Chrysene	mg/kg (ppm)	0.83	<0.01	99	97	50-150	2
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	97	96	50-150	1
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	99	98	50-150	1
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	102	99	50-150	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	90	83	41-134	8
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	92	86	44-130	7

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	96	70-130
Chrysene	mg/kg (ppm)	0.83	97	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	96	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	108	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	101	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	90	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	95	67-128

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

11018

SAMPLE CHAIN OF CUSTODY ME 10/6/21 VS2/C01

Page # 1 of 1

Report To Stuart Brown

Company Farallon Consulting

Address 1809 7th Ave, #1111

City, State, ZIP Seattle, WA

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (signature) _____

PROJECT NAME: PACCAR Sta

PO #: 1353-001

REMARKS: HOLD for PM analysis request

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- ☐ Standard turnaround
- ☐ RUSH _____

Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
TP-14-3.5	01AE	10/6/21	1050	Soil	5												
TP-15-3.5	02	↓	1055	↓	↓												
TP-16-5	03		1100														
TP-16-9	04	10/6/21	1145	Soil	5												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Glenn McKenny	FBT	10/6/21	1235
Received by:	Nhan Phan	FBT	10/6/21	1235
Relinquished by:				
Received by:		Samples received at 4 °C		

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

DRAFT

Date of Report: 04/01/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020
Date Extracted: 04/01/22
Date Analyzed: 04/01/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID

Results Reported on a Dry Weight Basis
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 56-165)
TP-45.0-3.5 204020-01	D	ND	ND	112
TP-46.0-0.5 204020-02	D	ND	D	111
Method Blank 02-771 MB2	ND	ND	ND	105

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

204020

SAMPLE CHAIN OF CUSTODY

04.01.22

VS-B1

Page # 1 of 1A01

Report To Stuart Brown + Pilkington

Company

Address On File

City, State, ZIP

Phone Email

SAMPLERS (*signature*) Chantal Banfield

PROJECT NAME: Centerpoint property

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: Farallon

TURNAROUND TIME

☐ Standard turnaround

☒ RUSH ~~Next day~~

Rush charges authorized by: same day per CB 4/1/22

SAMPLE DISPOSAL NC

☐ Archive samples

☐ Other

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	HUID				Notes
TP-45.0-3.5	01 A-F	04/01	1000	Soil	6								X				
TP-46.0-0.5	02 1	4/01	1010	Soil	6								X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Chantal Banfield	Farallon	4/01	1110
Received by:	Tokara Christensen	FTB	4/1/22	11:10
Relinquished by:				
Received by:		Samples received at 1 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

February 25, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on February 16, 2022 from the 1353-001, F&BI 202308 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0225R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on February 16, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC 1353-001, F&BI 202308 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
202308 -01	TP-20-3.0
202308 -02	TP-21-3.0
202308 -03	TP-22-3.0
202308 -04	TP-23-3.0

All quality control requirements were acceptable.

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202308
Date Extracted: 02/22/22
Date Analyzed: 02/22/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
TP-21-3.0 202308-02	<0.02	<0.02	<0.02	<0.06	12	92
TP-22-3.0 202308-03	<0.02	<0.02	<0.02	<0.06	<5	86
Method Blank 02-337 MB	<0.02	<0.02	<0.02	<0.06	<5	97

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP-21-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202308
Date Extracted:	02/18/22	Lab ID:	202308-02
Date Analyzed:	02/18/22	Data File:	202308-02.186
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<5
Barium	26.6
Cadmium	<1
Chromium	8.63
Copper	45.4
Lead	14.9
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP-22-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202308
Date Extracted:	02/18/22	Lab ID:	202308-03
Date Analyzed:	02/18/22	Data File:	202308-03.183
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<5
Barium	34.2
Cadmium	<1
Chromium	9.24
Copper	16.6
Lead	10.5
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	1353-001, F&BI 202308
Date Extracted:	2/18/22	Lab ID:	I2-134 mb
Date Analyzed:	02/18/22	Data File:	I2-134 mb.098
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<5
Barium	<1
Cadmium	<1
Chromium	<1
Copper	<5
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-21-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202308
Date Extracted:	02/17/22	Lab ID:	202308-02 1/250
Date Analyzed:	02/18/22	Data File:	021807.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	57 d	39	103
Phenol-d6	67 d	48	109
Nitrobenzene-d5	65 d	23	138
2-Fluorobiphenyl	85 d	50	150
2,4,6-Tribromophenol	147 d	40	127
Terphenyl-d14	95 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.5
Chrysene	<0.5
Benzo(a)pyrene	0.19
Benzo(b)fluoranthene	<0.5
Benzo(k)fluoranthene	<0.5
Indeno(1,2,3-cd)pyrene	<0.5
Dibenz(a,h)anthracene	<0.5

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-22-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202308
Date Extracted:	02/17/22	Lab ID:	202308-03 1/50
Date Analyzed:	02/18/22	Data File:	021809.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	67 d	39	103
Phenol-d6	85 d	48	109
Nitrobenzene-d5	75 d	23	138
2-Fluorobiphenyl	95 d	50	150
2,4,6-Tribromophenol	87 d	40	127
Terphenyl-d14	108 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.1
Chrysene	0.12
Benzo(a)pyrene	0.092
Benzo(b)fluoranthene	0.12
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 202308
Date Extracted:	02/17/22	Lab ID:	02-495 mb 1/5
Date Analyzed:	02/17/22	Data File:	021724.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	87	24	111
Phenol-d6	94	37	116
Nitrobenzene-d5	92	38	117
2-Fluorobiphenyl	93	45	117
2,4,6-Tribromophenol	86	11	158
Terphenyl-d14	98	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.003
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202308

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 202308-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	9	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	92	69-120
Toluene	mg/kg (ppm)	0.5	84	70-117
Ethylbenzene	mg/kg (ppm)	0.5	83	65-123
Xylenes	mg/kg (ppm)	1.5	84	66-120
Gasoline	mg/kg (ppm)	20	120	71-131

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202308

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

Laboratory Code: 202308-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	2.24	105	98	75-125	7
Barium	mg/kg (ppm)	50	23.7	100	100	75-125	0
Cadmium	mg/kg (ppm)	10	<1	104	91	75-125	13
Chromium	mg/kg (ppm)	50	7.68	88	80	75-125	10
Copper	mg/kg (ppm)	50	40.4	64 b	61 b	75-125	5
Lead	mg/kg (ppm)	50	13.2	85	74 b	75-125	14
Mercury	mg/kg (ppm	5	<1	100	89	75-125	12
Selenium	mg/kg (ppm)	5	<1	107	96	75-125	11
Silver	mg/kg (ppm)	10	<1	102	92	75-125	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	101	80-120
Barium	mg/kg (ppm)	50	92	80-120
Cadmium	mg/kg (ppm)	10	95	80-120
Chromium	mg/kg (ppm)	50	103	80-120
Copper	mg/kg (ppm)	50	102	80-120
Lead	mg/kg (ppm)	50	105	80-120
Mercury	mg/kg (ppm)	5	105	80-120
Selenium	mg/kg (ppm)	5	106	80-120
Silver	mg/kg (ppm)	10	98	80-120

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202308

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 202253-05 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	92	89	50-150	3
Chrysene	mg/kg (ppm)	0.83	<0.01	92	89	50-150	3
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	97	97	50-150	0
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	94	90	50-150	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	95	96	50-150	1
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	94	97	41-134	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	95	100	44-130	5

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	95	70-130
Chrysene	mg/kg (ppm)	0.83	96	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	99	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	97	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	102	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	90	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	94	67-128

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

202308

SAMPLE CHAIN OF CUSTODY 02.16.22

EDS

Page # 1 of 2

Report To Stuart Brown
Company Farallon
Address 975 5th Ave NW Issaquah
City, State, ZIP WA, 98027
Phone 425-606-7463 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*): Megan Li

PROJECT NAME

PO # 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
☐ Standard turnaround
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Archive samples
☐ Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	~~TOC~~	RCRA Metals			Notes
TP-20-3.0	01 A-E	2/16/22	1015	S	5												~~Hold for PM~~ X DU SB 2/17/22 MG
TP-21-3.0	02		1018				X	X			X			X			
TP-22-3.0	03		1020				X	X			X			X			
TP-23-3.0	04		1022														

MG

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Megan Li	Megan Gerring	Farallon	2/16/22	1520
Received by: Tokala C	Tokala Christen	FTB	02.16.22	15:20
Relinquished by:				
Received by:		Samples received at 1 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

February 25, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on February 16, 2022 from the 1353-001, F&BI 202328 project. There are 23 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0225R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on February 16, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC 1353-001, F&BI 202328 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
202328 -01	SP-02-01
202328 -02	SP-02-02
202328 -03	SP-02-03
202328 -04	SP-02-04
202328 -05	SP-02-05
202328 -06	SP-02-06
202328 -07	SP-02-07

The 8260D matrix spike and matrix spike duplicate failed the relative percent difference for methylene chloride. The analyte was not detected therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202328
Date Extracted: 02/17/22
Date Analyzed: 02/18/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID

Results Reported on a Dry Weight Basis
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 56-165)
SP-02-01 202328-01	ND	ND	ND	113
SP-02-04 202328-04	ND	ND	ND	116
SP-02-06 202328-06	ND	ND	ND	110
Method Blank 02-496 MB	ND	ND	ND	93

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-02-01	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/18/22	Lab ID:	202328-01
Date Analyzed:	02/18/22	Data File:	202328-01.189
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<6.50
Barium	55.4
Cadmium	<1
Chromium	11.6
Copper	25.3
Lead	7.40
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-02-04	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/18/22	Lab ID:	202328-04
Date Analyzed:	02/18/22	Data File:	202328-04.190
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<6.50
Barium	63.0
Cadmium	<1
Chromium	12.0
Copper	24.3
Lead	7.36
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-02-06	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/18/22	Lab ID:	202328-06
Date Analyzed:	02/18/22	Data File:	202328-06.191
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<6.50
Barium	53.8
Cadmium	<1
Chromium	12.5
Copper	20.8
Lead	9.13
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	1353-001, F&BI 202328
Date Extracted:	2/18/22	Lab ID:	I2-134 mb
Date Analyzed:	02/18/22	Data File:	I2-134 mb.098
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<6.50
Barium	<1
Cadmium	<1
Chromium	<1
Copper	<5
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	SP-02-01	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/18/22	Lab ID:	202328-01
Date Analyzed:	02/18/22	Data File:	021807.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	109
Toluene-d8	98	89	112
4-Bromofluorobenzene	98	84	115

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	SP-02-04	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/18/22	Lab ID:	202328-04
Date Analyzed:	02/18/22	Data File:	021808.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	109
Toluene-d8	100	89	112
4-Bromofluorobenzene	100	84	115

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	SP-02-06	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/18/22	Lab ID:	202328-06
Date Analyzed:	02/18/22	Data File:	021809.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	109
Toluene-d8	98	89	112
4-Bromofluorobenzene	99	84	115

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 202328
Date Extracted:	02/18/22	Lab ID:	02-0452 mb3
Date Analyzed:	02/18/22	Data File:	021806.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	109
Toluene-d8	98	89	112
4-Bromofluorobenzene	102	84	115

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-02-01	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	202328-01 1/25
Date Analyzed:	02/18/22	Data File:	021812.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	63 d	24	111
Phenol-d6	77 d	37	116
Nitrobenzene-d5	86 d	38	117
2-Fluorobiphenyl	86 d	45	117
2,4,6-Tribromophenol	31 d	11	158
Terphenyl-d14	98 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.052
Chrysene	0.059
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	0.058
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-02-04	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	202328-04 1/25
Date Analyzed:	02/18/22	Data File:	021813.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	47 d	24	111
Phenol-d6	72 d	37	116
Nitrobenzene-d5	79 d	38	117
2-Fluorobiphenyl	75 d	45	117
2,4,6-Tribromophenol	66 d	11	158
Terphenyl-d14	86 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-02-06	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	202328-06 1/25
Date Analyzed:	02/18/22	Data File:	021814.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	74 d	24	111
Phenol-d6	92 d	37	116
Nitrobenzene-d5	96 d	38	117
2-Fluorobiphenyl	91 d	45	117
2,4,6-Tribromophenol	63 d	11	158
Terphenyl-d14	106 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	02-493 mb 1/5
Date Analyzed:	02/17/22	Data File:	021708.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	88	24	111
Phenol-d6	95	37	116
Nitrobenzene-d5	91	38	117
2-Fluorobiphenyl	95	45	117
2,4,6-Tribromophenol	88	11	158
Terphenyl-d14	100	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP-02-01	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	202328-01 1/6
Date Analyzed:	02/18/22	Data File:	021805.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	87	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP-02-04	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	202328-04 1/6
Date Analyzed:	02/18/22	Data File:	021806.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	89	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	SP-02-06	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	202328-06 1/6
Date Analyzed:	02/18/22	Data File:	021807.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	89	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 202328
Date Extracted:	02/17/22	Lab ID:	02-0490 mb2 1/6
Date Analyzed:	02/18/22	Data File:	021804.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	95	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202328

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

Laboratory Code: 202308-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	2.24	105	98	75-125	7
Barium	mg/kg (ppm)	50	23.7	100	100	75-125	0
Cadmium	mg/kg (ppm)	10	<1	104	91	75-125	13
Chromium	mg/kg (ppm)	50	7.68	88	80	75-125	10
Copper	mg/kg (ppm)	50	40.4	64 b	61 b	75-125	5
Lead	mg/kg (ppm)	50	13.2	85	74 b	75-125	14
Mercury	mg/kg (ppm	5	<1	100	89	75-125	12
Selenium	mg/kg (ppm)	5	<1	107	96	75-125	11
Silver	mg/kg (ppm)	10	<1	102	92	75-125	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	101	80-120
Barium	mg/kg (ppm)	50	92	80-120
Cadmium	mg/kg (ppm)	10	95	80-120
Chromium	mg/kg (ppm)	50	103	80-120
Copper	mg/kg (ppm)	50	102	80-120
Lead	mg/kg (ppm)	50	105	80-120
Mercury	mg/kg (ppm)	5	105	80-120
Selenium	mg/kg (ppm)	5	106	80-120
Silver	mg/kg (ppm)	10	98	80-120

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202328

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 202328-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	1	<0.05	35	40	10-138	13
Chloroethane	mg/kg (ppm)	1	<0.5	53	60	10-176	12
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	48	54	10-160	12
Methylene chloride	mg/kg (ppm)	1	<0.5	30	38	10-156	24 vo
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	54	62	14-137	14
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	57	65	19-140	13
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	61	70	25-135	14
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	65	72	12-160	10
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	58	66	10-156	13
Trichloroethene	mg/kg (ppm)	1	<0.02	61	68	21-139	11
Tetrachloroethene	mg/kg (ppm)	1	<0.025	62	71	20-133	14

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	1	73	22-139
Chloroethane	mg/kg (ppm)	1	97	9-163
1,1-Dichloroethene	mg/kg (ppm)	1	97	47-128
Methylene chloride	mg/kg (ppm)	1	114	10-184
trans-1,2-Dichloroethene	mg/kg (ppm)	1	99	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	98	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	1	103	72-127
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	102	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	101	62-131
Trichloroethene	mg/kg (ppm)	1	97	63-121
Tetrachloroethene	mg/kg (ppm)	1	108	72-114

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202328

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 202304-07 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	92	91	50-150	1
Chrysene	mg/kg (ppm)	0.83	<0.01	92	89	50-150	3
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	101	101	50-150	0
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	102	100	50-150	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	104	106	50-150	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	91	96	41-134	5
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	97	98	44-130	1

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	98	70-130
Chrysene	mg/kg (ppm)	0.83	99	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	103	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	101	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	107	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	108	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	110	67-128

Date of Report: 02/25/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202328

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 202279-05 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	76	80	29-125	5
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	82	88	25-137	7

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	94	55-137
Aroclor 1260	mg/kg (ppm)	0.25	99	51-150

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

328
202308AWB

SAMPLE CHAIN OF CUSTODY 02-16-22

VSB2/CO2 ~~E05~~

Page # 2 of 3

Report To Stuart Brown

Company Farallon

Address 975 5th Ave

City, State, ZIP Issaquah, WA 98027

Phone ~~425-606-7463~~ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Megan Li

PROJECT NAME

PO # 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	HVOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	~~HOLD~~	RCRA Metals			Notes
SP-02-01	AWB ~~01~~ 05 A-E	2/16/22	1115	S	5				X	X	X	X		X			~~HOLD for PM~~
SP-02-02	~~02~~ 06		1117														
SP-02-03	~~03~~ 07		1118														
SP-02-04	~~04~~ 08		1119						X	X	X	X		X			
SP-02-05	~~05~~ 09		1120														
SP-02-06	~~06~~ 10		1121						X	X	X	X		X			
SP-02-07	~~07~~ 11		1122														
					MG												

Y per SB 2/17/22 ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Megan Li	Megan Gehring	Farallon	2/16/22	1520
Received by: Tokala C.	Tokala Christensen	F+B	02.16.22	15:20
Relinquished by:				
Received by:		Samples received at 1 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

February 23, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on February 16, 2022 from the 1353-001, F&BI 202329 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0223R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 16, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC 1353-001, F&BI 202329 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
202329 -01	NPIT-3.0

The 8260D matrix spike and matrix spike duplicate failed the relative percent difference for bromomethane. The analyte was not detected therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329
Date Extracted: 02/18/21
Date Analyzed: 02/21/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
NPIT-3.0 202329-01	68	83
Method Blank 02-332 MB	<5	57

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329
Date Extracted: 02/17/22
Date Analyzed: 02/18/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
NPIT-3.0 202329-01 1/10	14,000 x	65,000	139
Method Blank 02-494 MB	<50	<250	93

Analysis For Total Metals By EPA Method 6020B

Client ID:	NPIT-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202329
Date Extracted:	02/18/22	Lab ID:	202329-01
Date Analyzed:	02/18/22	Data File:	202329-01.090
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	15.9
Barium	515
Cadmium	20.7
Chromium	64.3
Copper	207
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	NPIT-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202329
Date Extracted:	02/18/22	Lab ID:	202329-01 x10
Date Analyzed:	02/18/22	Data File:	202329-01 x10.205
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	985

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	1353-001, F&BI 202329
Date Extracted:	2/18/22	Lab ID:	I2-134 mb
Date Analyzed:	02/18/22	Data File:	I2-134 mb.098
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Copper	<5
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	NPIT-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202329
Date Extracted:	02/17/22	Lab ID:	202329-01
Date Analyzed:	02/17/22	Data File:	021723.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	109
Toluene-d8	99	89	112
4-Bromofluorobenzene	99	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	0.18
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	0.32
Hexane	<0.25	o-Xylene	0.12
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	0.052
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	0.28
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	0.16
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	0.14
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	0.094
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	0.072
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	0.31	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	0.14
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 202329
Date Extracted:	02/17/22	Lab ID:	02-442 mb3
Date Analyzed:	02/17/22	Data File:	021704.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	109
Toluene-d8	99	89	112
4-Bromofluorobenzene	102	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	NPIT-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202329
Date Extracted:	02/17/22	Lab ID:	202329-01 1/200
Date Analyzed:	02/18/22	Data File:	021808.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	45 d	39	103
Phenol-d6	59 d	48	109
Nitrobenzene-d5	60 d	23	138
2-Fluorobiphenyl	68 d	50	150
2,4,6-Tribromophenol	139 d	40	127
Terphenyl-d14	84 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.51
2-Methylnaphthalene	2.5
1-Methylnaphthalene	1.7
Acenaphthylene	<0.4
Acenaphthene	<0.4
Fluorene	1.4
Phenanthrene	5.4
Anthracene	<0.4
Fluoranthene	1.2
Pyrene	1.6
Benz(a)anthracene	<0.4
Chrysene	0.93
Benzo(a)pyrene	0.18 j
Benzo(b)fluoranthene	0.61
Benzo(k)fluoranthene	<0.4
Indeno(1,2,3-cd)pyrene	<0.4
Dibenz(a,h)anthracene	<0.4
Benzo(g,h,i)perylene	<0.4

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 202329
Date Extracted:	02/17/22	Lab ID:	02-493 mb 1/5
Date Analyzed:	02/17/22	Data File:	021708.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	88	24	111
Phenol-d6	95	37	116
Nitrobenzene-d5	91	38	117
2-Fluorobiphenyl	95	45	117
2,4,6-Tribromophenol	88	11	158
Terphenyl-d14	100	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	NPIT-3.0	Client:	Farallon Consulting, LLC
Date Received:	02/16/22	Project:	1353-001, F&BI 202329
Date Extracted:	02/17/22	Lab ID:	202329-01 1/6
Date Analyzed:	02/18/22	Data File:	021808.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	73	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.39
Aroclor 1260	0.40
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 202329
Date Extracted:	02/17/22	Lab ID:	02-0490 mb2 1/6
Date Analyzed:	02/18/22	Data File:	021804.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	95	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 202301-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	8.8	20	78 a

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	115	71-131

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 202300-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	90	90	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	58-147

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

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

Laboratory Code: 202308-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	2.24	105	98	75-125	7
Barium	mg/kg (ppm)	50	23.7	100	100	75-125	0
Cadmium	mg/kg (ppm)	10	<1	104	91	75-125	13
Chromium	mg/kg (ppm)	50	7.68	88	80	75-125	10
Copper	mg/kg (ppm)	50	40.4	64 b	61 b	75-125	5
Lead	mg/kg (ppm)	50	13.2	85	74 b	75-125	14
Mercury	mg/kg (ppm	5	<1	100	89	75-125	12
Selenium	mg/kg (ppm)	5	<1	107	96	75-125	11
Silver	mg/kg (ppm)	10	<1	102	92	75-125	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	101	80-120
Barium	mg/kg (ppm)	50	92	80-120
Cadmium	mg/kg (ppm)	10	95	80-120
Chromium	mg/kg (ppm)	50	103	80-120
Copper	mg/kg (ppm)	50	102	80-120
Lead	mg/kg (ppm)	50	105	80-120
Mercury	mg/kg (ppm)	5	105	80-120
Selenium	mg/kg (ppm)	5	106	80-120
Silver	mg/kg (ppm)	10	98	80-120

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 202296-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	14	12	10-142	15
Chloromethane	mg/kg (ppm)	1	<0.5	43	41	10-126	5
Vinyl chloride	mg/kg (ppm)	1	<0.05	44	39	10-138	12
Bromomethane	mg/kg (ppm)	1	<0.5	91	74	10-163	21 vo
Chloroethane	mg/kg (ppm)	1	<0.5	71	65	10-176	9
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	53	47	10-176	12
Acetone	mg/kg (ppm)	5	<5	84	79	10-163	6
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	66	59	10-160	11
Hexane	mg/kg (ppm)	1	<0.25	39	34	10-137	14
Methylene chloride	mg/kg (ppm)	1	<0.5	64	62	10-156	3
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	91	85	21-145	7
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	75	70	14-137	7
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	80	75	19-140	6
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	98	91	10-158	7
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	87	81	25-135	7
Chloroform	mg/kg (ppm)	1	<0.05	85	82	21-145	4
2-Butanone (MEK)	mg/kg (ppm)	5	<1	85	82	19-147	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	89	83	12-160	7
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	81	78	10-156	4
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	80	75	17-140	6
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	81	72	9-164	12
Benzene	mg/kg (ppm)	1	<0.03	82	77	29-129	6
Trichloroethene	mg/kg (ppm)	1	<0.02	82	78	21-139	5
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	87	82	30-135	6
Bromodichloromethane	mg/kg (ppm)	1	<0.05	88	85	23-155	3
Dibromomethane	mg/kg (ppm)	1	<0.05	92	87	23-145	6
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	94	89	24-155	5
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	88	84	28-144	5
Toluene	mg/kg (ppm)	1	<0.05	88	84	35-130	5
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	91	87	26-149	4
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	91	89	10-205	2
2-Hexanone	mg/kg (ppm)	5	<0.5	94	92	15-166	2
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	92	89	31-137	3
Tetrachloroethene	mg/kg (ppm)	1	<0.025	91	87	20-133	4
Dibromochloromethane	mg/kg (ppm)	1	<0.05	94	90	28-150	4
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	93	89	28-142	4
Chlorobenzene	mg/kg (ppm)	1	<0.05	92	91	32-129	1
Ethylbenzene	mg/kg (ppm)	1	<0.05	92	89	32-137	3
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	91	88	31-143	3
m,p-Xylene	mg/kg (ppm)	2	<0.1	93	88	34-136	6
o-Xylene	mg/kg (ppm)	1	<0.05	93	89	33-134	4
Styrene	mg/kg (ppm)	1	<0.05	93	88	35-137	6
Isopropylbenzene	mg/kg (ppm)	1	<0.05	94	91	31-142	3
Bromoform	mg/kg (ppm)	1	<0.05	92	89	21-156	3
n-Propylbenzene	mg/kg (ppm)	1	<0.05	91	89	23-146	2
Bromobenzene	mg/kg (ppm)	1	<0.05	92	89	34-130	3
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	91	89	18-149	2
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	96	94	28-140	2
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	92	90	25-144	2
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	90	89	31-134	1
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	91	89	31-136	2
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	94	90	30-137	4
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	<0.05	91	89	10-182	2
sec-Butylbenzene	mg/kg (ppm)	1	<0.05	94	90	23-145	4
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	94	91	21-149	3
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	94	92	30-131	2
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	92	90	29-129	2
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	94	91	31-132	3
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	88	87	11-161	1
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	94	91	22-142	3
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	96	94	10-142	2
Naphthalene	mg/kg (ppm)	1	<0.05	90	88	14-157	2
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	91	89	20-144	2

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	50	10-146
Chloromethane	mg/kg (ppm)	1	66	27-133
Vinyl chloride	mg/kg (ppm)	1	78	22-139
Bromomethane	mg/kg (ppm)	1	95	38-114
Chloroethane	mg/kg (ppm)	1	93	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	98	10-196
Acetone	mg/kg (ppm)	5	95	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	94	47-128
Hexane	mg/kg (ppm)	1	93	43-142
Methylene chloride	mg/kg (ppm)	1	81	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	100	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	97	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	96	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	116	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	100	72-127
Chloroform	mg/kg (ppm)	1	98	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	97	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	101	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	101	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	99	69-128
Carbon tetrachloride	mg/kg (ppm)	1	99	60-139
Benzene	mg/kg (ppm)	1	95	71-118
Trichloroethene	mg/kg (ppm)	1	98	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	97	72-127
Bromodichloromethane	mg/kg (ppm)	1	102	57-126
Dibromomethane	mg/kg (ppm)	1	101	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	105	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	100	67-122
Toluene	mg/kg (ppm)	1	102	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	102	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	105	64-115
2-Hexanone	mg/kg (ppm)	5	105	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	104	72-130
Tetrachloroethene	mg/kg (ppm)	1	106	72-114
Dibromochloromethane	mg/kg (ppm)	1	103	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	105	74-132
Chlorobenzene	mg/kg (ppm)	1	105	76-111
Ethylbenzene	mg/kg (ppm)	1	104	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	104	64-121
m,p-Xylene	mg/kg (ppm)	2	104	78-122
o-Xylene	mg/kg (ppm)	1	104	77-124
Styrene	mg/kg (ppm)	1	104	74-126
Isopropylbenzene	mg/kg (ppm)	1	105	76-127
Bromoform	mg/kg (ppm)	1	106	56-132
n-Propylbenzene	mg/kg (ppm)	1	105	74-124
Bromobenzene	mg/kg (ppm)	1	103	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	104	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	108	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	106	61-137
2-Chlorotoluene	mg/kg (ppm)	1	103	74-121
4-Chlorotoluene	mg/kg (ppm)	1	105	75-122
tert-Butylbenzene	mg/kg (ppm)	1	107	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	104	76-125
sec-Butylbenzene	mg/kg (ppm)	1	106	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	107	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	108	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	106	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	106	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	97	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	105	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	107	50-153
Naphthalene	mg/kg (ppm)	1	106	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	103	63-138

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 202304-07 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	82	79	34-118	4
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	88	86	29-130	2
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	88	86	37-119	2
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	91	88	45-128	3
Acenaphthene	mg/kg (ppm)	0.83	<0.01	87	84	36-125	4
Fluorene	mg/kg (ppm)	0.83	<0.01	93	92	48-121	1
Phenanthrene	mg/kg (ppm)	0.83	<0.01	88	86	50-150	2
Anthracene	mg/kg (ppm)	0.83	<0.01	94	92	50-150	2
Fluoranthene	mg/kg (ppm)	0.83	<0.01	97	98	50-150	1
Pyrene	mg/kg (ppm)	0.83	<0.01	91	89	50-150	2
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	92	91	50-150	1
Chrysene	mg/kg (ppm)	0.83	<0.01	92	89	50-150	3
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	101	101	50-150	0
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	102	100	50-150	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	104	106	50-150	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	91	96	41-134	5
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	97	98	44-130	1
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	89	90	33-131	1

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	90	58-108
2-Methylnaphthalene	mg/kg (ppm)	0.83	91	67-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	90	66-107
Acenaphthylene	mg/kg (ppm)	0.83	99	70-130
Acenaphthene	mg/kg (ppm)	0.83	95	66-112
Fluorene	mg/kg (ppm)	0.83	96	67-117
Phenanthrene	mg/kg (ppm)	0.83	97	70-130
Anthracene	mg/kg (ppm)	0.83	100	70-130
Fluoranthene	mg/kg (ppm)	0.83	100	70-130
Pyrene	mg/kg (ppm)	0.83	100	70-130
Benz(a)anthracene	mg/kg (ppm)	0.83	98	70-130
Chrysene	mg/kg (ppm)	0.83	99	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	103	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	101	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	107	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	108	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	110	67-128
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	108	64-127

Date of Report: 02/23/22
Date Received: 02/16/22
Project: 1353-001, F&BI 202329

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 202279-05 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	76	80	29-125	5
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	82	88	25-137	7

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	94	55-137
Aroclor 1260	mg/kg (ppm)	0.25	99	51-150

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

202329

SAMPLE CHAIN OF CUSTODY 02-16-22

B01/VSB1

Page # 3 of 3

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA 98027

Phone 425-606-7463 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) [signature]

PROJECT NAME	PO #
	1353-001
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	

TURNAROUND TIME
- ☐ Standard turnaround
- ☑ RUSH 2-Day

Rush charges authorized by: SB

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	~~HOLD~~	RCRA Metals+Cu			Notes (X per SB 2/17/22 ME)
NPIT-3.0	01 A-E	2/16/22	1410	S	5	X	X			X	X	X	~~X~~	X			~~Hold for PM~~

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Megan Gehring	Farallon	2/16/22	1520
Received by: [signature]	Tokala Christensen	FBI	02.16.22	15:20
Relinquished by:				
Received by:		Samples received at 1 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

April 6, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on April 1, 2022 from the Center Point Property 1353-001, F&BI 204020 project. There are 26 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data, Pete Kingston
FLN0406R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on April 1, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Center Point Property 1353-001, F&BI 204020 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
204020 -01	TP-45.0-3.5
204020 -02	TP-46.0-0.5

The 8082A Aroclor 1254 concentration of the samples exceeded the calibration range of the instrument. The samples were diluted and reanalyzed. Both results were reported.

All other quality control requirements were acceptable.

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020
Date Extracted: 04/01/22
Date Analyzed: 04/01/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID

Results Reported on a Dry Weight Basis
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 56-165)
TP-45.0-3.5 204020-01	D	ND	ND	112
TP-46.0-0.5 204020-02	D	ND	D	111
Method Blank 02-771 MB2	ND	ND	ND	105

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020
Date ExtractedDate Analyzed: 04/05/22

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
TP-45.0-3.5 204020-01	250	145
TP-46.0-0.5 204020-02 1/5	480	131
Method Blank 02-813 MB	<5	86

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020
Date Extracted: 04/04/22
Date Analyzed: 04/04/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-45.0-3.5 204020-01	80 x	<250	102
TP-46.0-0.5 204020-02	370 x	380	102
Method Blank 02-833 MB	<50	<250	101

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP-45.0-3.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/04/22	Lab ID:	204020-01
Date Analyzed:	04/04/22	Data File:	204020-01.050
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.44
Barium	51.9
Cadmium	<1
Chromium	12.5
Lead	31.1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP-46.0-0.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/04/22	Lab ID:	204020-02
Date Analyzed:	04/04/22	Data File:	204020-02.053
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.78
Barium	32.7
Cadmium	<1
Chromium	9.42
Lead	18.1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	1353-001, F&BI 204020
Date Extracted:	04/04/22	Lab ID:	I2-262 mb
Date Analyzed:	04/04/22	Data File:	I2-262 mb.048
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<5
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	TP-45.0-3.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/01/22	Lab ID:	204020-01 1/0.25
Date Analyzed:	04/01/22	Data File:	040127.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	84	118
Toluene-d8	106	86	117
4-Bromofluorobenzene	110	90	112

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	0.0052
Vinyl chloride	<0.001	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	0.0035
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.001	m,p-Xylene	0.40
Hexane	<0.25	o-Xylene	0.010
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.001	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	0.11
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	0.0013	1,3,5-Trimethylbenzene	0.25
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	0.89
Benzene	<0.001	sec-Butylbenzene	0.13
Trichloroethene	0.016	p-Isopropyltoluene	0.16
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	0.0011	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.005
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	TP-46.0-0.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/01/22	Lab ID:	204020-02 1/0.25
Date Analyzed:	04/01/22	Data File:	040128.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	84	118
Toluene-d8	103	86	117
4-Bromofluorobenzene	159 ip	90	112

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.001
Vinyl chloride	<0.001	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	0.0026
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.001	m,p-Xylene	0.025
Hexane	<0.25	o-Xylene	0.0029
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.001	Isopropylbenzene	0.12
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	0.23
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.001	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	0.092
Benzene	<0.001	sec-Butylbenzene	0.30
Trichloroethene	0.0025	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	0.0016	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.005
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 204020
Date Extracted:	04/01/22	Lab ID:	02-710 mb 1/0.25
Date Analyzed:	04/01/22	Data File:	040108.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	85	117
Toluene-d8	96	88	112
4-Bromofluorobenzene	98	90	111

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.001
Vinyl chloride	<0.001	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.001	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.001	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.001	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.001	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.005
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-45.0-3.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/04/22	Lab ID:	204020-01 1/25
Date Analyzed:	04/05/22	Data File:	040420.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	79 d	24	111
Phenol-d6	83 d	37	116
Nitrobenzene-d5	81 d	38	117
2-Fluorobiphenyl	86 d	45	117
2,4,6-Tribromophenol	83 d	11	158
Terphenyl-d14	98 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.076
Chrysene	0.082
Benzo(a)pyrene	0.070
Benzo(b)fluoranthene	0.077
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-46.0-0.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/04/22	Lab ID:	204020-02 1/25
Date Analyzed:	04/05/22	Data File:	040421.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	84 d	24	111
Phenol-d6	88 d	37	116
Nitrobenzene-d5	101 d	38	117
2-Fluorobiphenyl	95 d	45	117
2,4,6-Tribromophenol	89 d	11	158
Terphenyl-d14	100 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 204020
Date Extracted:	04/04/22	Lab ID:	02-832 mb2 1/5
Date Analyzed:	04/04/22	Data File:	040407.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	90	24	111
Phenol-d6	96	37	116
Nitrobenzene-d5	92	38	117
2-Fluorobiphenyl	101	45	117
2,4,6-Tribromophenol	84	11	158
Terphenyl-d14	113	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-45.0-3.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/05/22	Lab ID:	204020-01 1/6
Date Analyzed:	04/05/22	Data File:	040506.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	mg

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	71	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	2.5 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-45.0-3.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/05/22	Lab ID:	204020-01 1/120
Date Analyzed:	04/06/22	Data File:	040608.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	3.5

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-46.0-0.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/05/22	Lab ID:	204020-02 1/6
Date Analyzed:	04/05/22	Data File:	040507.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	mg

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	71	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	3.0 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-46.0-0.5	Client:	Farallon Consulting, LLC
Date Received:	04/01/22	Project:	1353-001, F&BI 204020
Date Extracted:	04/05/22	Lab ID:	204020-02 1/120
Date Analyzed:	04/06/22	Data File:	040609.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	4.6

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	1353-001, F&BI 204020
Date Extracted:	04/05/22	Lab ID:	02-844 mb 1/6
Date Analyzed:	04/05/22	Data File:	040504.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	mg

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 204032-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 204030-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	100	98	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	98	74-139

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020

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

Laboratory Code: 204020-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	3.42	78	78	75-125	0
Barium	mg/kg (ppm)	50	40.0	111	102	75-125	8
Cadmium	mg/kg (ppm)	10	<1	95	94	75-125	1
Chromium	mg/kg (ppm)	50	9.66	81	79	75-125	2
Lead	mg/kg (ppm)	50	24.0	64 b	58 b	75-125	10
Mercury	mg/kg (ppm	5	<1	84	84	75-125	0
Selenium	mg/kg (ppm)	5	<1	81	81	75-125	0
Silver	mg/kg (ppm)	10	<1	85	85	75-125	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	89	80-120
Barium	mg/kg (ppm)	50	97	80-120
Cadmium	mg/kg (ppm)	10	96	80-120
Chromium	mg/kg (ppm)	50	96	80-120
Lead	mg/kg (ppm)	50	98	80-120
Mercury	mg/kg (ppm)	5	97	80-120
Selenium	mg/kg (ppm)	5	92	80-120
Silver	mg/kg (ppm)	10	91	80-120

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 204011-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	15	16	10-142	6
Chloromethane	mg/kg (ppm)	1	<0.5	40	42	10-126	5
Vinyl chloride	mg/kg (ppm)	1	<0.05	46	46	10-138	0
Bromomethane	mg/kg (ppm)	1	<0.5	55	53	10-163	4
Chloroethane	mg/kg (ppm)	1	<0.5	51	55	10-176	8
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	44	44	10-176	0
Acetone	mg/kg (ppm)	5	<5	83	79	10-163	5
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	52	50	10-160	4
Hexane	mg/kg (ppm)	1	<0.25	45	44	10-137	2
Methylene chloride	mg/kg (ppm)	1	<0.5	74	74	10-156	0
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	73	74	21-145	1
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	62	61	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	65	66	19-140	2
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	83	85	10-158	2
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	66	67	25-135	2
Chloroform	mg/kg (ppm)	1	<0.05	64	65	21-145	2
2-Butanone (MEK)	mg/kg (ppm)	5	<1	77	76	19-147	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	67	69	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	67	66	10-156	2
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	64	63	17-140	2
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	64	64	9-164	0
Benzene	mg/kg (ppm)	1	<0.03	65	66	29-129	2
Trichloroethene	mg/kg (ppm)	1	<0.02	67	66	21-139	2
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	73	74	30-135	1
Bromodichloromethane	mg/kg (ppm)	1	0.040	65	66	23-155	2
Dibromomethane	mg/kg (ppm)	1	<0.05	67	71	23-145	6
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	80	79	24-155	1
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	73	72	28-144	1
Toluene	mg/kg (ppm)	1	<0.05	80	80	35-130	0
trans-1,3-Dichloropropene	mg/kg (ppm)	1	0.090	89	85	26-149	5
1,1,2-Trichloroethane	mg/kg (ppm)	1	0.088	83	82	10-205	1
2-Hexanone	mg/kg (ppm)	5	<0.5	93	93	15-166	0
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	87	84	31-137	4
Tetrachloroethene	mg/kg (ppm)	1	<0.025	80	80	20-133	0
Dibromochloromethane	mg/kg (ppm)	1	<0.05	75	73	28-150	3
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	87	84	28-142	4
Chlorobenzene	mg/kg (ppm)	1	<0.05	82	81	32-129	1
Ethylbenzene	mg/kg (ppm)	1	<0.05	83	81	32-137	2
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	78	75	31-143	4
m,p-Xylene	mg/kg (ppm)	2	<0.1	84	83	34-136	1
o-Xylene	mg/kg (ppm)	1	<0.05	83	84	33-134	1
Styrene	mg/kg (ppm)	1	<0.05	82	82	35-137	0
Isopropylbenzene	mg/kg (ppm)	1	<0.05	84	84	31-142	0
Bromoform	mg/kg (ppm)	1	<0.05	69	67	21-156	3
n-Propylbenzene	mg/kg (ppm)	1	<0.05	91	90	23-146	1
Bromobenzene	mg/kg (ppm)	1	<0.05	89	87	34-130	2
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	90	89	18-149	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	94	92	28-140	2
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	92	89	25-144	3
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	89	88	31-134	1
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	91	89	31-136	2
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	92	90	30-137	2
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	<0.05	90	90	10-182	0
sec-Butylbenzene	mg/kg (ppm)	1	<0.05	92	90	23-145	2
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	92	90	21-149	2
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	87	88	30-131	1
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	86	85	29-129	1
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	88	88	31-132	0
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	87	87	11-161	0
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	88	89	22-142	1
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	94	89	10-142	5
Naphthalene	mg/kg (ppm)	1	<0.05	90	93	14-157	3
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	86	88	20-144	2

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	41	10-146
Chloromethane	mg/kg (ppm)	1	63	27-133
Vinyl chloride	mg/kg (ppm)	1	81	22-139
Bromomethane	mg/kg (ppm)	1	66	38-114
Chloroethane	mg/kg (ppm)	1	80	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	78	10-196
Acetone	mg/kg (ppm)	5	111	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	79	47-128
Hexane	mg/kg (ppm)	1	78	43-142
Methylene chloride	mg/kg (ppm)	1	81	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	96	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	85	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	88	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	122	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	86	72-127
Chloroform	mg/kg (ppm)	1	84	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	93	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	87	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	92	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	85	69-128
Carbon tetrachloride	mg/kg (ppm)	1	91	60-139
Benzene	mg/kg (ppm)	1	84	71-118
Trichloroethene	mg/kg (ppm)	1	86	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	87	72-127
Bromodichloromethane	mg/kg (ppm)	1	85	57-126
Dibromomethane	mg/kg (ppm)	1	89	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	96	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	88	67-122
Toluene	mg/kg (ppm)	1	98	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	108	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	101	64-115
2-Hexanone	mg/kg (ppm)	5	112	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	99	72-130
Tetrachloroethene	mg/kg (ppm)	1	98	72-114
Dibromochloromethane	mg/kg (ppm)	1	93	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	103	74-132
Chlorobenzene	mg/kg (ppm)	1	97	76-111
Ethylbenzene	mg/kg (ppm)	1	101	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	104	64-121
m,p-Xylene	mg/kg (ppm)	2	100	78-122
o-Xylene	mg/kg (ppm)	1	103	77-124
Styrene	mg/kg (ppm)	1	99	74-126
Isopropylbenzene	mg/kg (ppm)	1	105	76-127
Bromoform	mg/kg (ppm)	1	90	56-132
n-Propylbenzene	mg/kg (ppm)	1	109	74-124
Bromobenzene	mg/kg (ppm)	1	104	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	110	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	109	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	107	61-137
2-Chlorotoluene	mg/kg (ppm)	1	107	74-121
4-Chlorotoluene	mg/kg (ppm)	1	106	75-122
tert-Butylbenzene	mg/kg (ppm)	1	110	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	109	76-125
sec-Butylbenzene	mg/kg (ppm)	1	109	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	108	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	106	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	103	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	109	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	112	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	109	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	107	50-153
Naphthalene	mg/kg (ppm)	1	117	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	110	63-138

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 204028-03 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	94	50-150
Chrysene	mg/kg (ppm)	0.83	<0.01	94	50-150
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	101	50-150
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	103	50-150
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	97	50-150
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	105	50-150
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	104	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	97	100	64-116	3
Chrysene	mg/kg (ppm)	0.83	98	100	66-119	2
Benzo(a)pyrene	mg/kg (ppm)	0.83	98	102	62-116	4
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	98	107	61-118	9
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	100	100	65-119	0
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	106	118	64-130	11
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	106	112	67-131	6

Date of Report: 04/06/22
Date Received: 04/01/22
Project: Center Point Property 1353-001, F&BI 204020

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 204020-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	0.073	89 b	92 b	29-125	3
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	342 ip	345 ip	25-137	1

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	96	55-137
Aroclor 1260	mg/kg (ppm)	0.25	105	51-150

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

204020

SAMPLE CHAIN OF CUSTODY

04.01.22

VS-B1

Page # 1 of 1A01

Report To Stuart Brown + Pilkington

Company On file

Address

City, State, ZIP

Phone Email

SAMPLERS (signature) [signature]

PROJECT NAME: Centerpoint property

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: Farallon

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH ~~1 day TAT~~

Rush charges authorized by: same day per CB 4/1/22 ME

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	HCID	RCRA Metals			Notes
TP-45.0-3.5	01 A-F	04/01	1000	Soil	6	●	●			●	●	●	X	●			● ~~for~~ 3-day per SB 4/1/22 ME
TP-46.0-0.5	02	4/01	1010	Soil	6	●	●			●	●	●	X	●			

Friedman & Bruya, Inc.
Ph. (206) 285-8282 NP

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	[signature]	Chantal Banfield	Farallon	4/01	1110
Received by:	[signature]	Tokala Christensen	F&B	4/1/22	11:10
Relinquished by:					
Received by:			Samples received at 1 °C		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 16, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 9, 2022 from the Paccar 1353-001, F&BI 208129 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0816R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 9, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208129 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208129 -01	TP-53-2.0
208129 -02	TP-54-2.0
208129 -03	TP-55-8.0
208129 -04	Pipe-Debris-080922

All quality control requirements were acceptable.

Date of Report: 08/16/22
Date Received: 08/09/22
Project: Paccar 1353-001, F&BI 208129
Date Extracted: 08/10/22
Date Analyzed: 08/10/22 and 08/11/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-53-2.0 208129-01	3,500	1,500	111
TP-54-2.0 208129-02	53,000	2,500	ip
TP-55-8.0 208129-03	150 x	640	113
Pipe-Debris-080922 208129-04	480 x	1,700	113
Method Blank 02-1913 MB	<50	<250	112

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-55-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/09/22	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	208129-03
Date Analyzed:	08/10/22	Data File:	081016.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	109
Toluene-d8	99	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<1	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Pipe-Debris-080922	Client:	Farallon Consulting, LLC
Date Received:	08/09/22	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	208129-04
Date Analyzed:	08/10/22	Data File:	081017.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	90	109
Toluene-d8	99	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<1	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	02-1812 mb
Date Analyzed:	08/10/22	Data File:	081005.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	109
Toluene-d8	98	89	112
4-Bromofluorobenzene	103	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<1	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-55-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/09/22	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	208129-03 1/25
Date Analyzed:	08/11/22	Data File:	081033.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	49 d	24	111
Phenol-d6	67 d	37	116
Nitrobenzene-d5	52 d	38	117
2-Fluorobiphenyl	78 d	45	117
2,4,6-Tribromophenol	69 d	11	158
Terphenyl-d14	80 d	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.05
2-Methylnaphthalene	<0.05
1-Methylnaphthalene	<0.05
Acenaphthylene	<0.05
Acenaphthene	<0.05
Fluorene	<0.05
Phenanthrene	0.054
Anthracene	<0.05
Fluoranthene	0.061
Pyrene	0.085
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05
Benzo(g,h,i)perylene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Pipe-Debris-080922	Client:	Farallon Consulting, LLC
Date Received:	08/09/22	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	208129-04 1/100
Date Analyzed:	08/11/22	Data File:	081034.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	64 d	24	111
Phenol-d6	72 d	37	116
Nitrobenzene-d5	76 d	38	117
2-Fluorobiphenyl	74 d	45	117
2,4,6-Tribromophenol	67 d	11	158
Terphenyl-d14	78 d	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.2
2-Methylnaphthalene	<0.2
1-Methylnaphthalene	<0.2
Acenaphthylene	<0.2
Acenaphthene	<0.2
Fluorene	0.23
Phenanthrene	0.75
Anthracene	<0.2
Fluoranthene	1.0
Pyrene	1.1
Benz(a)anthracene	0.42
Chrysene	0.66
Benzo(a)pyrene	0.51
Benzo(b)fluoranthene	0.76
Benzo(k)fluoranthene	0.25
Indeno(1,2,3-cd)pyrene	0.46
Dibenz(a,h)anthracene	<0.2
Benzo(g,h,i)perylene	0.46

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	02-1915 mb 1/5
Date Analyzed:	08/11/22	Data File:	081032.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	77	24	111
Phenol-d6	84	37	116
Nitrobenzene-d5	82	38	117
2-Fluorobiphenyl	92	45	117
2,4,6-Tribromophenol	89	11	158
Terphenyl-d14	97	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-55-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/09/22	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	208129-03 1/6
Date Analyzed:	08/10/22	Data File:	081009.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.14
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Pipe-Debris-080922	Client:	Farallon Consulting, LLC
Date Received:	08/09/22	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	208129-04 1/6
Date Analyzed:	08/10/22	Data File:	081010.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.33
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208129
Date Extracted:	08/10/22	Lab ID:	02-1911 mb 1/6
Date Analyzed:	08/10/22	Data File:	081004.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	99	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/16/22
Date Received: 08/09/22
Project: Paccar 1353-001, F&BI 208129

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 207470-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	12,000	56 b	94 b	73-135	51 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	106	74-139

Date of Report: 08/16/22
Date Received: 08/09/22
Project: Paccar 1353-001, F&BI 208129

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 208032-29 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	15	15	10-142	0
Chloromethane	mg/kg (ppm)	1	<0.5	36	35	10-126	3
Vinyl chloride	mg/kg (ppm)	1	<0.05	37	37	10-138	0
Bromomethane	mg/kg (ppm)	1	<0.5	50	44	10-163	13
Chloroethane	mg/kg (ppm)	1	<0.5	47	45	10-176	4
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	43	46	10-176	7
Acetone	mg/kg (ppm)	5	<5	66	68	10-163	3
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	55	54	10-160	2
Hexane	mg/kg (ppm)	1	<0.25	44	48	10-137	9
Methylene chloride	mg/kg (ppm)	1	<1	56	56	10-156	0
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	66	64	21-145	3
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	63	63	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	64	64	19-140	0
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	86	84	10-158	2
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	65	66	25-135	2
Chloroform	mg/kg (ppm)	1	<0.05	63	64	21-145	2
2-Butanone (MEK)	mg/kg (ppm)	5	<1	73	73	19-147	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	68	68	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	66	66	10-156	0
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	61	64	17-140	5
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	73	75	9-164	3
Benzene	mg/kg (ppm)	1	<0.03	63	64	29-129	2
Trichloroethene	mg/kg (ppm)	1	<0.02	65	66	21-139	2
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	65	67	30-135	3
Bromodichloromethane	mg/kg (ppm)	1	<0.05	70	68	23-155	3
Dibromomethane	mg/kg (ppm)	1	<0.05	70	66	23-145	6
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	75	72	24-155	4
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	71	70	28-144	1
Toluene	mg/kg (ppm)	1	<0.05	67	68	35-130	1
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	75	77	26-149	3
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	82	75	10-205	9
2-Hexanone	mg/kg (ppm)	5	<0.5	73	74	15-166	1
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	68	69	31-137	1
Tetrachloroethene	mg/kg (ppm)	1	<0.025	66	69	20-133	4
Dibromochloromethane	mg/kg (ppm)	1	<0.05	71	73	28-150	3
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	69	71	28-142	3
Chlorobenzene	mg/kg (ppm)	1	<0.05	67	68	32-129	1
Ethylbenzene	mg/kg (ppm)	1	0.091	65	64	32-137	2
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	70	70	31-143	0
m,p-Xylene	mg/kg (ppm)	2	0.25	63	61	34-136	3
o-Xylene	mg/kg (ppm)	1	<0.05	66	68	33-134	3
Styrene	mg/kg (ppm)	1	<0.05	66	69	35-137	4
Isopropylbenzene	mg/kg (ppm)	1	0.087	65	63	31-142	3
Bromoform	mg/kg (ppm)	1	<0.05	73	73	21-156	0
n-Propylbenzene	mg/kg (ppm)	1	0.21	65 b	59 b	23-146	10 b
Bromobenzene	mg/kg (ppm)	1	<0.05	65	69	34-130	6
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	0.58	64 b	40 b	18-149	46 b
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	102	116	28-140	13
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	71	73	25-144	3
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	75	73	31-134	3
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	73	72	31-136	1
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	66	69	30-137	4
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	2.0	63 b	0 b	10-182	nm
sec-Butylbenzene	mg/kg (ppm)	1	0.18	69	62	23-145	11
p-Isopropyltoluene	mg/kg (ppm)	1	0.41	72 b	52 b	21-149	32 b
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	66	69	30-131	4
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	65	67	29-129	3
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	68	70	31-132	3
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	96	84	11-161	13
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	77	81	22-142	5
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	92	89	10-142	3
Naphthalene	mg/kg (ppm)	1	1.3	72 b	16 b	14-157	127 b
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	77	78	20-144	1

Date of Report: 08/16/22
Date Received: 08/09/22
Project: Paccar 1353-001, F&BI 208129

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	43	10-146
Chloromethane	mg/kg (ppm)	1	61	27-133
Vinyl chloride	mg/kg (ppm)	1	67	22-139
Bromomethane	mg/kg (ppm)	1	74	38-114
Chloroethane	mg/kg (ppm)	1	71	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	81	10-196
Acetone	mg/kg (ppm)	5	88	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	86	47-128
Hexane	mg/kg (ppm)	1	90	43-142
Methylene chloride	mg/kg (ppm)	1	50	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	87	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	91	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	89	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	117	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	91	72-127
Chloroform	mg/kg (ppm)	1	89	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	98	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	92	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	95	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	91	69-128
Carbon tetrachloride	mg/kg (ppm)	1	107	60-139
Benzene	mg/kg (ppm)	1	89	71-118
Trichloroethene	mg/kg (ppm)	1	91	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	92	72-127
Bromodichloromethane	mg/kg (ppm)	1	93	57-126
Dibromomethane	mg/kg (ppm)	1	92	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	98	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	97	67-122
Toluene	mg/kg (ppm)	1	94	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	102	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	99	64-115
2-Hexanone	mg/kg (ppm)	5	102	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	93	72-130
Tetrachloroethene	mg/kg (ppm)	1	95	72-114
Dibromochloromethane	mg/kg (ppm)	1	99	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	94	74-132
Chlorobenzene	mg/kg (ppm)	1	95	76-111
Ethylbenzene	mg/kg (ppm)	1	95	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	96	64-121
m,p-Xylene	mg/kg (ppm)	2	95	78-122
o-Xylene	mg/kg (ppm)	1	94	77-124
Styrene	mg/kg (ppm)	1	93	74-126
Isopropylbenzene	mg/kg (ppm)	1	93	76-127
Bromoform	mg/kg (ppm)	1	98	56-132
n-Propylbenzene	mg/kg (ppm)	1	101	74-124
Bromobenzene	mg/kg (ppm)	1	100	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	99	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	104	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	102	61-137
2-Chlorotoluene	mg/kg (ppm)	1	98	74-121
4-Chlorotoluene	mg/kg (ppm)	1	98	75-122
tert-Butylbenzene	mg/kg (ppm)	1	99	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	100	76-125
sec-Butylbenzene	mg/kg (ppm)	1	100	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	102	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	99	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	97	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	99	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	105	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	106	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	109	50-153
Naphthalene	mg/kg (ppm)	1	107	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	105	63-138

Date of Report: 08/16/22
Date Received: 08/09/22
Project: Paccar 1353-001, F&BI 208129

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	89	89	58-108	0
2-Methylnaphthalene	mg/kg (ppm)	0.83	89	89	67-108	0
1-Methylnaphthalene	mg/kg (ppm)	0.83	89	89	66-107	0
Acenaphthylene	mg/kg (ppm)	0.83	93	95	70-130	2
Acenaphthene	mg/kg (ppm)	0.83	91	93	66-112	2
Fluorene	mg/kg (ppm)	0.83	91	92	67-117	1
Phenanthrene	mg/kg (ppm)	0.83	94	95	70-130	1
Anthracene	mg/kg (ppm)	0.83	95	97	70-130	2
Fluoranthene	mg/kg (ppm)	0.83	100	99	70-130	1
Pyrene	mg/kg (ppm)	0.83	95	97	70-130	2
Benz(a)anthracene	mg/kg (ppm)	0.83	98	99	70-130	1
Chrysene	mg/kg (ppm)	0.83	95	96	70-130	1
Benzo(a)pyrene	mg/kg (ppm)	0.83	96	98	68-120	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	98	100	69-125	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	98	100	70-130	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	97	100	67-129	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	97	98	67-128	1
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	95	98	64-127	3

Date of Report: 08/16/22
Date Received: 08/09/22
Project: Paccar 1353-001, F&BI 208129

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208130-03 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	104	98	29-125	6
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	106	100	25-137	6

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	104	55-137
Aroclor 1260	mg/kg (ppm)	0.25	108	51-150

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

8/9/22 1301/VSB1

208129 Report To Stuart Brown

Company Furallon

Address 475 5th Ave NW

City, State, ZIP Issaquah

Phone 425 295 0800 Email Sbrown@furallonconsulting.com

SAMPLERS (signature) Max-Henry Nelson

PROJECT NAME	PO #
Puccar	1353-001
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	AP

Page # _____ of _____

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
TP-53-2.0	01 A-E	08-09-22	1115	S	S	/							~~Hold~~
TP-54-2.0	02 A-E	08-09-22	1145	S	S	/							~~Hold~~
TP-55-8.0	03	08-09-22	1200	S	S	/				/	/	/	~~Hold~~
TP-56-P	04	08-09-22	1339	S	S	/				/	/	/	~~Hold~~
													/ per SB 8/10/22 ME

Added WM 8/9/22

report sample ID as Pipe-debris-08092022

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Furallon	08-9-22	
Received by: W. Madden	W. Madden	F+BI	8/9/22	1536
Relinquished by:		Samples received at 3 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 17, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 10, 2022 from the Paccar 1353-001, F&BI 208155 project. There are 19 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0817R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 10, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208155 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208155 -01	TP-57-6.0

Sample TP-57-6.0 was sent to Fremont Analytical and to Onsite Environmental for EPH and VPH analyses, respectively. The report is enclosed.

The 8260D matrix spike and matrix spike duplicate failed the relative percent difference for methylene chloride. The analyte was not detected therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155
Date Extracted: 08/11/22
Date Analyzed: 08/11/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
TP-57-6.0 208155-01	200	136
Method Blank 02-1729 MB	<5	106

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155
Date Extracted: 08/11/22
Date Analyzed: 08/11/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-57-6.0 208155-01	15,000	5,300	128
Method Blank 02-1980 MB	<50	<250	103

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP-57-6.0	Client:	Farallon Consulting, LLC
Date Received:	08/10/22	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/11/22	Lab ID:	208155-01
Date Analyzed:	08/11/22	Data File:	208155-01.095
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	48.8

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/11/22	Lab ID:	I2-547 mb
Date Analyzed:	08/11/22	Data File:	I2-547 mb.058
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	<1

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-57-6.0	Client:	Farallon Consulting, LLC
Date Received:	08/10/22	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/11/22	Lab ID:	208155-01
Date Analyzed:	08/11/22	Data File:	081122.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	91	90	109
Toluene-d8	96	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	0.052
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/11/22	Lab ID:	02-1813 mb
Date Analyzed:	08/11/22	Data File:	081105.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	109
Toluene-d8	97	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-57-6.0	Client:	Farallon Consulting, LLC
Date Received:	08/10/22	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/12/22	Lab ID:	208155-01 1/100
Date Analyzed:	08/12/22	Data File:	081206.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	47 d	39	103
Phenol-d6	60 d	48	109
Nitrobenzene-d5	108 d	23	138
2-Fluorobiphenyl	86 d	50	150
2,4,6-Tribromophenol	51 d	40	127
Terphenyl-d14	74 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	3.9
Chrysene	6.1
Benzo(a)pyrene	1.8
Benzo(b)fluoranthene	0.76
Benzo(k)fluoranthene	<0.2
Indeno(1,2,3-cd)pyrene	<0.2
Dibenz(a,h)anthracene	<0.2

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/12/22	Lab ID:	02-1984 mb 1/5
Date Analyzed:	08/12/22	Data File:	081205.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	87	39	103
Phenol-d6	96	48	109
Nitrobenzene-d5	93	23	138
2-Fluorobiphenyl	98	50	150
2,4,6-Tribromophenol	86	40	127
Terphenyl-d14	100	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-57-6.0	Client:	Farallon Consulting, LLC
Date Received:	08/10/22	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/12/22	Lab ID:	208155-01 1/6
Date Analyzed:	08/12/22	Data File:	081206.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208155
Date Extracted:	08/12/22	Lab ID:	02-1983 mb 1/6
Date Analyzed:	08/12/22	Data File:	081204.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	50	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 208149-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208162-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	118	116	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	112	74-139

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155

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

Laboratory Code: 208153-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	50	2.50	103	103	75-125	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	102	80-120

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 208149-08 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	17	19	10-142	11
Chloromethane	mg/kg (ppm)	1	<0.5	44	48	10-126	9
Vinyl chloride	mg/kg (ppm)	1	<0.05	46	50	10-138	8
Bromomethane	mg/kg (ppm)	1	<0.5	59	57	10-163	3
Chloroethane	mg/kg (ppm)	1	<0.5	56	62	10-176	10
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	50	49	10-176	2
Acetone	mg/kg (ppm)	5	<5	75	88	10-163	16
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	64	70	10-160	9
Hexane	mg/kg (ppm)	1	<0.25	54	57	10-137	5
Methylene chloride	mg/kg (ppm)	1	<0.5	78	106	10-156	30 vo
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	78	84	21-145	7
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	74	83	14-137	11
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	76	85	19-140	11
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	90	90	10-158	0
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	79	87	25-135	10
Chloroform	mg/kg (ppm)	1	<0.05	76	86	21-145	12
2-Butanone (MEK)	mg/kg (ppm)	5	<1	83	95	19-147	13
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	81	87	12-160	7
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	81	89	10-156	9
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	77	84	17-140	9
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	88	97	9-164	10
Benzene	mg/kg (ppm)	1	<0.03	78	84	29-129	7
Trichloroethene	mg/kg (ppm)	1	<0.02	78	87	21-139	11
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	80	87	30-135	8
Bromodichloromethane	mg/kg (ppm)	1	<0.05	81	89	23-155	9
Dibromomethane	mg/kg (ppm)	1	<0.05	81	89	23-145	9
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	87	96	24-155	10
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	84	91	28-144	8
Toluene	mg/kg (ppm)	1	<0.05	83	88	35-130	6
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	86	94	26-149	9
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	86	95	10-205	10
2-Hexanone	mg/kg (ppm)	5	<0.5	88	98	15-166	11
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	83	89	31-137	7
Tetrachloroethene	mg/kg (ppm)	1	<0.025	85	89	20-133	5
Dibromochloromethane	mg/kg (ppm)	1	<0.05	85	93	28-150	9
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	84	91	28-142	8
Chlorobenzene	mg/kg (ppm)	1	<0.05	85	92	32-129	8
Ethylbenzene	mg/kg (ppm)	1	<0.05	84	91	32-137	8
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	83	91	31-143	9
m,p-Xylene	mg/kg (ppm)	2	<0.1	85	90	34-136	6
o-Xylene	mg/kg (ppm)	1	<0.05	85	90	33-134	6
Styrene	mg/kg (ppm)	1	<0.05	84	89	35-137	6
Isopropylbenzene	mg/kg (ppm)	1	<0.05	84	88	31-142	5
Bromoform	mg/kg (ppm)	1	<0.05	85	90	21-156	6
n-Propylbenzene	mg/kg (ppm)	1	<0.05	88	92	23-146	4
Bromobenzene	mg/kg (ppm)	1	<0.05	87	90	34-130	3
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	86	90	18-149	5
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	92	97	28-140	5
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	88	96	25-144	9
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	84	90	31-134	7
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	87	89	31-136	2
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	88	91	30-137	3
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	<0.05	88	92	10-182	4
sec-Butylbenzene	mg/kg (ppm)	1	<0.05	89	91	23-145	2
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	89	94	21-149	5
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	86	90	30-131	5
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	86	90	29-129	5
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	88	93	31-132	6
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	92	100	11-161	8
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	92	98	22-142	6
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	101	102	10-142	1
Naphthalene	mg/kg (ppm)	1	<0.05	93	102	14-157	9
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	93	99	20-144	6

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	37	10-146
Chloromethane	mg/kg (ppm)	1	51	27-133
Vinyl chloride	mg/kg (ppm)	1	58	22-139
Bromomethane	mg/kg (ppm)	1	58	38-114
Chloroethane	mg/kg (ppm)	1	64	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	67	10-196
Acetone	mg/kg (ppm)	5	80	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	73	47-128
Hexane	mg/kg (ppm)	1	82	43-142
Methylene chloride	mg/kg (ppm)	1	73	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	79	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	83	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	81	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	100	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	83	72-127
Chloroform	mg/kg (ppm)	1	79	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	90	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	83	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	85	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	82	69-128
Carbon tetrachloride	mg/kg (ppm)	1	96	60-139
Benzene	mg/kg (ppm)	1	80	71-118
Trichloroethene	mg/kg (ppm)	1	81	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	84	72-127
Bromodichloromethane	mg/kg (ppm)	1	85	57-126
Dibromomethane	mg/kg (ppm)	1	86	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	90	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	87	67-122
Toluene	mg/kg (ppm)	1	85	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	94	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	89	64-115
2-Hexanone	mg/kg (ppm)	5	93	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	88	72-130
Tetrachloroethene	mg/kg (ppm)	1	88	72-114
Dibromochloromethane	mg/kg (ppm)	1	91	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	89	74-132
Chlorobenzene	mg/kg (ppm)	1	88	76-111
Ethylbenzene	mg/kg (ppm)	1	87	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	86	64-121
m,p-Xylene	mg/kg (ppm)	2	88	78-122
o-Xylene	mg/kg (ppm)	1	86	77-124
Styrene	mg/kg (ppm)	1	86	74-126
Isopropylbenzene	mg/kg (ppm)	1	86	76-127
Bromoform	mg/kg (ppm)	1	90	56-132
n-Propylbenzene	mg/kg (ppm)	1	90	74-124
Bromobenzene	mg/kg (ppm)	1	88	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	90	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	93	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	93	61-137
2-Chlorotoluene	mg/kg (ppm)	1	88	74-121
4-Chlorotoluene	mg/kg (ppm)	1	89	75-122
tert-Butylbenzene	mg/kg (ppm)	1	89	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	92	76-125
sec-Butylbenzene	mg/kg (ppm)	1	90	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	93	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	90	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	88	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	91	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	93	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	96	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	102	50-153
Naphthalene	mg/kg (ppm)	1	95	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	96	63-138

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208179-07 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	88	90	50-150	2
Chrysene	mg/kg (ppm)	0.83	<0.01	86	88	50-150	2
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	93	94	50-150	1
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	101	100	50-150	1
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	97	97	50-150	0
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	51	58	50-150	13
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	54	62	50-150	14

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	97	64-116
Chrysene	mg/kg (ppm)	0.83	96	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	97	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	98	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	91	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	107	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	109	67-131

Date of Report: 08/17/22
Date Received: 08/10/22
Project: Paccar 1353-001, F&BI 208155

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208155-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	64	62	29-125	3
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	55	52	25-137	6

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	120	55-137
Aroclor 1260	mg/kg (ppm)	0.25	126	51-150

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

208155

SAMPLE CHAIN OF CUSTODY

8/10/22

B01/VSB1

Page # _____ of _____

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA

Phone 425 295-0800 Email SBrown@farallonconsulting.com

SAMPLERS (signature) Max Henry Nelson

PROJECT NAME: Paccar

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	eph, vph, total lead			Notes
TP-57-6.0	01A-E	8-10-22	1320	soil	5	/	/			/	/	/	/			~~Hold~~
																per SB 8/11/22
																ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max Henry Nelson	Max - Henry Nelson	Farallon	8-10-22	
Received by: W. Madden	W. Madden	F+BI	8/10/22	16:35
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 15, 2022

Michael Erdahl
Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029

Re: Analytical Data for Project 208155
Laboratory Reference No. 2208-128

Dear Michael:

Enclosed are the analytical results and associated quality control data for samples submitted on August 11, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: August 15, 2022
Samples Submitted: August 11, 2022
Laboratory Reference: 2208-128
Project: 208155

Case Narrative

Samples were collected on August 10, 2022 and received by the laboratory on August 11, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: August 15, 2022
Samples Submitted: August 11, 2022
Laboratory Reference: 2208-128
Project: 208155

VOLATILE PETROLEUM HYDROCARBONS

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TP-57-6.0**					
Laboratory ID:	08-128-01					
Aliphatic C5-C6	**ND**	5.0	NWTPH-VPH	8-11-22	8-12-22	
Aliphatic C6-C8	**5.2**	5.0	NWTPH-VPH	8-11-22	8-11-22	
Aliphatic C8-C10	**11**	5.0	NWTPH-VPH	8-11-22	8-12-22	
Aliphatic C10-C12	**ND**	5.0	NWTPH-VPH	8-11-22	8-11-22	
Total Aliphatic:	**16**		NWTPH-VPH	8-11-22	8-12-22	
Aromatic C8-C10	**13**	5.0	NWTPH-VPH	8-11-22	8-12-22	
Aromatic C10-C12	**330**	5.0	NWTPH-VPH	8-11-22	8-11-22	
Aromatic C12-C13	**3600**	18	NWTPH-VPH	8-11-22	8-12-22	
Total Aromatic:	**3900**		NWTPH-VPH	8-11-22	8-12-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*69-130*				

Date of Report: August 15, 2022
Samples Submitted: August 11, 2022
Laboratory Reference: 2208-128
Project: 208155

VOLATILE PETROLEUM HYDROCARBONS
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0811S1					
Aliphatic C5-C6	**ND**	5.0	NWTPH-VPH	8-11-22	8-12-22	
Aliphatic C6-C8	**ND**	5.0	NWTPH-VPH	8-11-22	8-11-22	
Aliphatic C8-C10	**ND**	5.0	NWTPH-VPH	8-11-22	8-12-22	
Aliphatic C10-C12	**ND**	5.0	NWTPH-VPH	8-11-22	8-11-22	
Total Aliphatic:	**NA**		NWTPH-VPH	8-11-22	8-12-22	
Aromatic C8-C10	**ND**	5.0	NWTPH-VPH	8-11-22	8-12-22	
Aromatic C10-C12	**ND**	5.0	NWTPH-VPH	8-11-22	8-11-22	
Aromatic C12-C13	**ND**	5.0	NWTPH-VPH	8-11-22	8-12-22	
Total Aromatic:	**NA**		NWTPH-VPH	8-11-22	8-12-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*69-130*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	08-125-01									
	ORIG	DUP								
Aliphatic C5-C6	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Aliphatic C6-C8	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Aliphatic C8-C10	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Aliphatic C10-C12	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Total Aliphatic:	**NA**	**NA**	NA	NA		NA	NA	NA	30	
Aromatic C8-C10	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Aromatic C10-C12	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Aromatic C12-C13	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Total Aromatic:	**NA**	**NA**	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						*91*	*89*	*69-130*		

Date of Report: August 15, 2022
Samples Submitted: August 11, 2022
Laboratory Reference: 2208-128
Project: 208155

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
TP-57-6.0	08-128-01	**16**	8-11-22

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

Page # 1 of 1

Send Report To Michael Erdahl

Company Friedman and Bruya, Inc.

Address 3012 16th Ave W

City, State, ZIP Seattle, WA 98119

Phone # (206) 285-8282 merdahl@friedmanandbruya.com

SUBCONTRACTER Onsite 08-128

PROJECT NAME/NO. 208155

PO # C-311

REMARKS EQuIS

TURNAROUND TIME
- ☐ Standard TAT
- ☒ RUSH ~~24 hr TAT~~ 2 day TAT

Rush charges authorized by:

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

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED: Dioxins/Furans	EPH	VPH (RANGES)							% Moisture	Notes
TP-57-6.0		8/10/22	1320	Soil	2			X							X	

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

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Michael Erdahl	Friedman & Bruya	8/11/22	
Received by:		TAYA ASHBAUGH	OSE	8/11/22	2:28pm
Relinquished by:					
Received by:					

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Friedman & Bruya
Michael Erdahl
3012 16th Ave. W.
Seattle, WA 98119

RE: 208155
Work Order Number: 2208160

August 17, 2022

Attention Michael Erdahl:

Fremont Analytical, Inc. received 1 sample(s) on 8/11/2022 for the analyses presented in the following report.

Extractable Petroleum Hydrocarbons by NWEPH
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *08/17/2022*

CLIENT: Friedman & Bruya
Project: 208155
Work Order: 2208160

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2208160-001	TP-57-6.0	08/10/2022 1:20 PM	08/11/2022 1:28 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2208160**
Date: **8/17/2022**

CLIENT: Friedman & Bruya
Project: 208155

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2208160**
Date Reported: **8/17/2022**

Client: Friedman & Bruya
Collection Date: 8/10/2022 1:20:00 PM
Project: 208155
Lab ID: 2208160-001
Matrix: Soil
Client Sample ID: TP-57-6.0

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Extractable Petroleum Hydrocarbons by NWEPH				Batch ID: 37411		Analyst: KJ
Aliphatic Hydrocarbon (C8-C10)	ND	23.5		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aliphatic Hydrocarbon (C10-C12)	367	11.7		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aliphatic Hydrocarbon (C12-C16)	1,650	11.7		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aliphatic Hydrocarbon (C16-C21)	987	117	D	mg/Kg-dry	10	8/16/2022 1:58:36 PM
Aliphatic Hydrocarbon (C21-C34)	900	11.7		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aromatic Hydrocarbon (C8-C10)	ND	23.5		mg/Kg-dry	1	8/15/2022 8:57:51 PM
Aromatic Hydrocarbon (C10-C12)	230	117	D	mg/Kg-dry	10	8/16/2022 5:35:27 PM
Aromatic Hydrocarbon (C12-C16)	2,530	117	D	mg/Kg-dry	10	8/16/2022 5:35:27 PM
Aromatic Hydrocarbon (C16-C21)	3,250	11.7		mg/Kg-dry	1	8/15/2022 8:57:51 PM
Aromatic Hydrocarbon (C21-C34)	2,510	11.7		mg/Kg-dry	1	8/15/2022 8:57:51 PM
Surr: 1-Chlorooctadecane	77.9	50 - 150		%Rec	1	8/15/2022 5:39:59 PM
Surr: o-Terphenyl	106	50 - 150		%Rec	1	8/15/2022 8:57:51 PM
Sample Moisture (Percent Moisture)				Batch ID: R77478		Analyst: ALB
Percent Moisture	15.9	0.500		wt%	1	8/11/2022 2:39:28 PM

Work Order: 2208160
CLIENT: Friedman & Bruya
Project: 208155

QC SUMMARY REPORT

Extractable Petroleum Hydrocarbons by NWEPH

Sample ID: **MB-37411** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **MBLKS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1592999**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (C8-C10)	ND	20.0									
Aliphatic Hydrocarbon (C10-C12)	ND	10.0									
Aliphatic Hydrocarbon (C12-C16)	ND	10.0									
Aliphatic Hydrocarbon (C16-C21)	ND	10.0									
Aliphatic Hydrocarbon (C21-C34)	ND	10.0									
Surr: 1-Chlorooctadecane	91.0		100.0		91.0	50	150				

Sample ID: **2208160-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **TP-57-6.0** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593002**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (C8-C10)	114	46.8	292.7	0	39.1	5	130				D
Aliphatic Hydrocarbon (C10-C12)	445	23.4	146.4	367.0	53.5	70	130				DS
Aliphatic Hydrocarbon (C12-C16)	1,480	23.4	146.4	1,650	-116	70	130				DS
Aliphatic Hydrocarbon (C16-C21)	818	23.4	146.4	939.8	-83.3	70	130				DS
Aliphatic Hydrocarbon (C21-C34)	1,070	23.4	146.4	900.0	119	70	130				D
Surr: 1-Chlorooctadecane	80.9		117.1		69.1	50	150				D

NOTES:
S - Spiked amount was low relative to sample concentration. Outlying spike recoveries may be expected.

Sample ID: **LCS-37411** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **LCSS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593003**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (C8-C10)	73.8	20.0	250.0	0	29.5	15.9	130				
Aliphatic Hydrocarbon (C10-C12)	92.4	10.0	125.0	0	73.9	70	130				
Aliphatic Hydrocarbon (C12-C16)	116	10.0	125.0	0	92.7	70	130				
Aliphatic Hydrocarbon (C16-C21)	117	10.0	125.0	0	93.6	70	130				
Aliphatic Hydrocarbon (C21-C34)	105	10.0	125.0	0	83.8	70	130				
Surr: 1-Chlorooctadecane	94.9		100.0		94.9	50	150				

Work Order: 2208160
CLIENT: Friedman & Bruya
Project: 208155

QC SUMMARY REPORT

Extractable Petroleum Hydrocarbons by NWEPH

Sample ID: **MB-37411** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **MBLKS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593006**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aromatic Hydrocarbon (C8-C10)	ND	20.0									
Aromatic Hydrocarbon (C10-C12)	ND	10.0									
Aromatic Hydrocarbon (C12-C16)	ND	10.0									
Aromatic Hydrocarbon (C16-C21)	ND	10.0									
Aromatic Hydrocarbon (C21-C34)	ND	10.0									
Surr: o-Terphenyl	134		100.0		134	50	150				

Sample ID: **LCS-37411** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **LCSS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593007**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aromatic Hydrocarbon (C8-C10)	139	20.0	250.0	0	55.6	24	130				
Aromatic Hydrocarbon (C10-C12)	99.0	10.0	125.0	0	79.2	70	130				
Aromatic Hydrocarbon (C12-C16)	124	10.0	125.0	0	99.2	70	130				
Aromatic Hydrocarbon (C16-C21)	122	10.0	125.0	0	97.8	70	130				
Aromatic Hydrocarbon (C21-C34)	105	10.0	125.0	0	83.7	70	130				
Surr: o-Terphenyl	112		100.0		112	50	150				

Sample ID: **2208160-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **TP-57-6.0** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593009**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aromatic Hydrocarbon (C8-C10)	51.0	46.8	292.7	0	17.4	14	130				D
Aromatic Hydrocarbon (C10-C12)	167	23.4	146.4	180.7	-9.61	70	130				DS
Aromatic Hydrocarbon (C12-C16)	1,400	23.4	146.4	2,012	-417	70	130				DS
Aromatic Hydrocarbon (C16-C21)	2,530	23.4	146.4	3,253	-495	70	130				DS
Aromatic Hydrocarbon (C21-C34)	2,440	23.4	146.4	2,509	-45.7	70	130				DS
Surr: o-Terphenyl	89.7		117.1		76.6	50	150				D

NOTES:
S - Spiked amount was low relative to sample concentration. Outlying spike recoveries may be expected.

Sample Log-In Check List

Client Name:	FB	Work Order Number:	2208160
Logged by:	Clare Griggs	Date Received:	8/11/2022 1:28:00 PM

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	☐
		No cooler present.				
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☐	No ☑	NA	☐
		Unknown prior to receipt.				
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☐	No ☐	NA	☑
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

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

Person Notified:	Michael Erdahl	Date:	8/11/2022
By Whom:	Matt Langston	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirming TAT will be 3 Day.		
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	9.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

2208160

Page # 1 of 1

Send Report To Michael Erdahl

Company Friedman and Bruya, Inc.

Address 3012 16th Ave W

City, State, ZIP Seattle, WA 98119

Phone # (206) 285-8282 merdahl@friedmanandbruya.com

SUBCONTRACTER Fremont

PROJECT NAME/NO.	PO #
208155	C-310

REMARKS

EQuIS

TURNAROUND TIME

☐ Standard TAT

☒ RUSH 24 hr TAT

Rush charges authorized by:

SAMPLE DISPOSAL

☐ Dispose after 30 days

☐ Return samples

☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED: Dioxins/Furans	EPH	VPH								Notes
TP-57-6.0		8/10/22	1320	Soil	1		X									

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished By:	Michael Erdahl	Friedman & Bruya	8/11/22	
Received by:	Lauren Curlee	FAI	8/11/22	13:28
Relinquished by:				
Received by:				

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 26, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included is the amended report from the testing of material submitted on August 16, 2022 from the Paccar 1353-001, F&BI 208233 project. Sample ID TP-S8-3.0 has been amended to TP-58-3.0.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0822R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 22, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 16, 2022 from the Paccar 1353-001, F&BI 208233 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0822R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 16, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208233 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208233 -01	TP-58-3.0
208233 -02	SP-04-01
208233 -03	SP-04-02

The 8270E matrix spike and matrix spike duplicate failed the relative percent difference for several compounds. The laboratory control sample passed the acceptance criteria, therefore the results were likely due to matrix effect.

All other quality control requirements were acceptable.

Date of Report: 08/22/22
Date Received: 08/16/22
Project: Paccar 1353-001, F&BI 208233
Date Extracted: 08/18/22
Date Analyzed: 08/18/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-58-3.0 208233-01	<50	<250	100
SP-04-01 208233-02	1,900	<250	104
SP-04-02 208233-03	<50	<250	102
Method Blank 02-2007 MB	<50	<250	99

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-58-3.0	Client:	Farallon Consulting, LLC
Date Received:	08/16/22	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	208233-01 1/5
Date Analyzed:	08/18/22	Data File:	081812.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	68	24	111
Phenol-d6	76	37	116
Nitrobenzene-d5	70	38	117
2-Fluorobiphenyl	76	45	117
2,4,6-Tribromophenol	83	11	158
Terphenyl-d14	90	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-04-01	Client:	Farallon Consulting, LLC
Date Received:	08/16/22	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	208233-02 1/5
Date Analyzed:	08/18/22	Data File:	081813.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	69	24	111
Phenol-d6	75	37	116
Nitrobenzene-d5	72	38	117
2-Fluorobiphenyl	81	45	117
2,4,6-Tribromophenol	80	11	158
Terphenyl-d14	83	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	0.077
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	0.019
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-04-02	Client:	Farallon Consulting, LLC
Date Received:	08/16/22	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	208233-03 1/5
Date Analyzed:	08/18/22	Data File:	081814.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	69	24	111
Phenol-d6	76	37	116
Nitrobenzene-d5	72	38	117
2-Fluorobiphenyl	83	45	117
2,4,6-Tribromophenol	86	11	158
Terphenyl-d14	96	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.054
Anthracene	<0.01
Fluoranthene	0.047
Pyrene	0.050
Benz(a)anthracene	0.022
Chrysene	0.024
Benzo(a)pyrene	0.024
Benzo(b)fluoranthene	0.025
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.015
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	0.014

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	02-2003 mb2 1/5
Date Analyzed:	08/18/22	Data File:	081807.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	84	24	111
Phenol-d6	88	37	116
Nitrobenzene-d5	84	38	117
2-Fluorobiphenyl	88	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	101	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 08/22/22
Date Received: 08/16/22
Project: Paccar 1353-001, F&BI 208233

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208262-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	110	98	73-135	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	116	74-139

Date of Report: 08/22/22
Date Received: 08/16/22
Project: Paccar 1353-001, F&BI 208233

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208181-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	64	80	34-118	22 vo
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	69	86	29-130	22 vo
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	70	87	37-119	22 vo
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	74	92	45-128	22 vo
Acenaphthene	mg/kg (ppm)	0.83	<0.01	73	91	36-125	22 vo
Fluorene	mg/kg (ppm)	0.83	<0.01	76	94	48-121	21 vo
Phenanthrene	mg/kg (ppm)	0.83	<0.01	79	93	50-150	16
Anthracene	mg/kg (ppm)	0.83	<0.01	80	94	50-150	16
Fluoranthene	mg/kg (ppm)	0.83	<0.01	86	100	50-150	15
Pyrene	mg/kg (ppm)	0.83	<0.01	78	92	50-150	16
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	84	96	50-150	13
Chrysene	mg/kg (ppm)	0.83	<0.01	81	93	50-150	14
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	81	95	50-150	16
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	92	50-150	13
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	96	50-150	17
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	88	105	41-134	18
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	90	105	44-130	15
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	87	102	33-131	16

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	87	58-108
2-Methylnaphthalene	mg/kg (ppm)	0.83	92	67-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	93	66-107
Acenaphthylene	mg/kg (ppm)	0.83	93	70-130
Acenaphthene	mg/kg (ppm)	0.83	90	66-112
Fluorene	mg/kg (ppm)	0.83	95	67-117
Phenanthrene	mg/kg (ppm)	0.83	94	70-130
Anthracene	mg/kg (ppm)	0.83	93	70-130
Fluoranthene	mg/kg (ppm)	0.83	100	70-130
Pyrene	mg/kg (ppm)	0.83	91	70-130
Benz(a)anthracene	mg/kg (ppm)	0.83	98	70-130
Chrysene	mg/kg (ppm)	0.83	96	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	99	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	98	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	99	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	93	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	98	67-128
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	84	64-127

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

8/16/22 BOL

Page # _____ of _____

208233

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA

Phone 425 295 0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME	PO #
Parcar	1353-001
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
TP-SB-3.0	01	8/16/22	1005	Soil	1	/					/						~~Hold~~
SP-04-01	02	8/16/22	0955	Soil	1	/					/						~~Hold~~
SP-04-02	03	8/16/22	0958	Soil	1	/					/						~~Hold~~
																	/ per SB
																	8/18/22 ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	8/16/22	1445
Received by: W. Madden	W. Madden	F+BI	8/16/22	1445
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 22, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 16, 2022 from the Paccar 1353-001, F&BI 208233 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0822R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 16, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208233 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208233 -01	TP-S8-3.0
208233 -02	SP-04-01
208233 -03	SP-04-02

The 8270E matrix spike and matrix spike duplicate failed the relative percent difference for several compounds. The laboratory control sample passed the acceptance criteria, therefore the results were likely due to matrix effect.

All other quality control requirements were acceptable.

Date of Report: 08/22/22
Date Received: 08/16/22
Project: Paccar 1353-001, F&BI 208233
Date Extracted: 08/18/22
Date Analyzed: 08/18/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-S8-3.0 208233-01	<50	<250	100
SP-04-01 208233-02	1,900	<250	104
SP-04-02 208233-03	<50	<250	102
Method Blank 02-2007 MB	<50	<250	99

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-S8-3.0	Client:	Farallon Consulting, LLC
Date Received:	08/16/22	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	208233-01 1/5
Date Analyzed:	08/18/22	Data File:	081812.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	68	24	111
Phenol-d6	76	37	116
Nitrobenzene-d5	70	38	117
2-Fluorobiphenyl	76	45	117
2,4,6-Tribromophenol	83	11	158
Terphenyl-d14	90	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-04-01	Client:	Farallon Consulting, LLC
Date Received:	08/16/22	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	208233-02 1/5
Date Analyzed:	08/18/22	Data File:	081813.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	69	24	111
Phenol-d6	75	37	116
Nitrobenzene-d5	72	38	117
2-Fluorobiphenyl	81	45	117
2,4,6-Tribromophenol	80	11	158
Terphenyl-d14	83	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	0.077
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	0.019
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-04-02	Client:	Farallon Consulting, LLC
Date Received:	08/16/22	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	208233-03 1/5
Date Analyzed:	08/18/22	Data File:	081814.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	69	24	111
Phenol-d6	76	37	116
Nitrobenzene-d5	72	38	117
2-Fluorobiphenyl	83	45	117
2,4,6-Tribromophenol	86	11	158
Terphenyl-d14	96	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.054
Anthracene	<0.01
Fluoranthene	0.047
Pyrene	0.050
Benz(a)anthracene	0.022
Chrysene	0.024
Benzo(a)pyrene	0.024
Benzo(b)fluoranthene	0.025
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.015
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	0.014

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208233
Date Extracted:	08/18/22	Lab ID:	02-2003 mb2 1/5
Date Analyzed:	08/18/22	Data File:	081807.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	84	24	111
Phenol-d6	88	37	116
Nitrobenzene-d5	84	38	117
2-Fluorobiphenyl	88	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	101	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 08/22/22
Date Received: 08/16/22
Project: Paccar 1353-001, F&BI 208233

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208262-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	110	98	73-135	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	116	74-139

Date of Report: 08/22/22
Date Received: 08/16/22
Project: Paccar 1353-001, F&BI 208233

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208181-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	64	80	34-118	22 vo
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	69	86	29-130	22 vo
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	70	87	37-119	22 vo
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	74	92	45-128	22 vo
Acenaphthene	mg/kg (ppm)	0.83	<0.01	73	91	36-125	22 vo
Fluorene	mg/kg (ppm)	0.83	<0.01	76	94	48-121	21 vo
Phenanthrene	mg/kg (ppm)	0.83	<0.01	79	93	50-150	16
Anthracene	mg/kg (ppm)	0.83	<0.01	80	94	50-150	16
Fluoranthene	mg/kg (ppm)	0.83	<0.01	86	100	50-150	15
Pyrene	mg/kg (ppm)	0.83	<0.01	78	92	50-150	16
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	84	96	50-150	13
Chrysene	mg/kg (ppm)	0.83	<0.01	81	93	50-150	14
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	81	95	50-150	16
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	92	50-150	13
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	96	50-150	17
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	88	105	41-134	18
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	90	105	44-130	15
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	87	102	33-131	16

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	87	58-108
2-Methylnaphthalene	mg/kg (ppm)	0.83	92	67-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	93	66-107
Acenaphthylene	mg/kg (ppm)	0.83	93	70-130
Acenaphthene	mg/kg (ppm)	0.83	90	66-112
Fluorene	mg/kg (ppm)	0.83	95	67-117
Phenanthrene	mg/kg (ppm)	0.83	94	70-130
Anthracene	mg/kg (ppm)	0.83	93	70-130
Fluoranthene	mg/kg (ppm)	0.83	100	70-130
Pyrene	mg/kg (ppm)	0.83	91	70-130
Benz(a)anthracene	mg/kg (ppm)	0.83	98	70-130
Chrysene	mg/kg (ppm)	0.83	96	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	99	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	98	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	99	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	93	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	98	67-128
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	84	64-127

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

8/16/22 BOL

Page # _____ of _____

208233

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA

Phone 425 295 0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME	PO #
Parcar	1353-001
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
TP-SB-3.0	01	8/16/22	1005	Soil	1	/					/						~~Hold~~
SP-04-01	02	8/16/22	0955	Soil	1	/					/						~~Hold~~
SP-04-02	03	8/16/22	0958	Soil	1	/					/						~~Hold~~
																	/ per SB
																	8/18/22 ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	8/16/22	1445
Received by: W. Madden	W. Madden	F+BI	8/16/22	1445
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 24, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 18, 2022 from the Paccar 1353-001, F&BI 208251 project. There are 22 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0824R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 18, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208251 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208251 -01	Drum-08172022

The 8260D and NWTPH-Gx sample was taken from a four ounce glass jar. The results were flagged accoridngly.

Methylene chloride was detected in the 8260D analysis of sample Drum-08172022. The data were flagged as due to laboratory contamination.

Several 8260D compounds exceeded the acceptance criteria in the matrix spike samples. The compounds were not detected, therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251
Date Extracted: 08/19/22
Date Analyzed: 08/19/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 58-139)
Drum-08172022 pc 208251-01	36	ip
Method Blank 02-1739 MB	<5	97

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251
Date Extracted: 08/18/22
Date Analyzed: 08/18/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
Drum-08172022 208251-01	33,000	24,000	164
Method Blank 02-2007 MB	<50	<250	99

Analysis For Total Metals By EPA Method 6020B

Client ID:	Drum-08172022	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	208251-01 x5
Date Analyzed:	08/19/22	Data File:	208251-01 x5.039
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	192

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	I2-564 mb
Date Analyzed:	08/18/22	Data File:	I2-564 mb.066
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Lead	<1

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Drum-08172022	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/22/22	Lab ID:	208251-01
Date Analyzed:	08/23/22	Data File:	208251-01.036
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/22/22	Lab ID:	I2-568 mb
Date Analyzed:	08/23/22	Data File:	I2-568 mb.034
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	<1	5.0

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Drum-08172022 pc	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	208251-01
Date Analyzed:	08/18/22	Data File:	081820.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	90	109
Toluene-d8	95	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	0.068
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	0.34
Hexane	<0.25	o-Xylene	0.26
Methylene chloride	1.7 lc	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	0.32
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	0.52
Benzene	<0.03	sec-Butylbenzene	0.074
Trichloroethene	<0.02	p-Isopropyltoluene	0.14
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	0.061	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	0.74
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	02-1931 mb
Date Analyzed:	08/18/22	Data File:	081812.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	109
Toluene-d8	97	89	112
4-Bromofluorobenzene	104	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	0.76 lc	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Drum-08172022	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	208251-01 1/400
Date Analyzed:	08/18/22	Data File:	081816.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	48 d	24	111
Phenol-d6	70 d	37	116
Nitrobenzene-d5	64 d	38	117
2-Fluorobiphenyl	96 d	45	117
2,4,6-Tribromophenol	80 d	11	158
Terphenyl-d14	168 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	1.3
Chrysene	5.1
Benzo(a)pyrene	0.75 j
Benzo(b)fluoranthene	<0.8
Benzo(k)fluoranthene	<0.8
Indeno(1,2,3-cd)pyrene	<0.8
Dibenz(a,h)anthracene	<0.8

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	02-2003 mb2 1/5
Date Analyzed:	08/18/22	Data File:	081807.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	84	24	111
Phenol-d6	88	37	116
Nitrobenzene-d5	84	38	117
2-Fluorobiphenyl	88	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	101	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.005 j
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Drum-08172022	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	208251-01 1/6
Date Analyzed:	08/18/22	Data File:	081828.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	58	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.1
Aroclor 1232	<0.1
Aroclor 1016	<0.1
Aroclor 1242	<0.1
Aroclor 1248	<0.1
Aroclor 1254	<0.1
Aroclor 1260	<0.1
Aroclor 1262	<0.1
Aroclor 1268	<0.1

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208251
Date Extracted:	08/18/22	Lab ID:	02-2006 mb 1/6
Date Analyzed:	08/18/22	Data File:	081810.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 208256-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208262-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	110	98	73-135	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	116	74-139

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

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

Laboratory Code: 208256-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	50	2.38	95	92	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	94	80-120

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 208251-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/L (ppm)	1.0	<1	94	91	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/L (ppm)	1.0	90	80-120

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 208256-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	21	21	10-142	0
Chloromethane	mg/kg (ppm)	1	<0.5	49	47	10-126	4
Vinyl chloride	mg/kg (ppm)	1	<0.05	56	55	10-138	2
Bromomethane	mg/kg (ppm)	1	<0.5	63	58	10-163	8
Chloroethane	mg/kg (ppm)	1	<0.5	70	68	10-176	3
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	73	64	10-176	13
Acetone	mg/kg (ppm)	5	<5	98	89	10-163	10
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	82	80	10-160	2
Hexane	mg/kg (ppm)	1	<0.25	84	84	10-137	0
Methylene chloride	mg/kg (ppm)	1	<0.5	91	88	10-156	3
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	93	87	21-145	7
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	95	90	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	95	90	19-140	5
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	96	85	10-158	12
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	97	93	25-135	4
Chloroform	mg/kg (ppm)	1	<0.05	93	86	21-145	8
2-Butanone (MEK)	mg/kg (ppm)	5	<1	105	95	19-147	10
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	99	93	12-160	6
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	98	92	10-156	6
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	97	93	17-140	4
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	106	102	9-164	4
Benzene	mg/kg (ppm)	1	<0.03	96	89	29-129	8
Trichloroethene	mg/kg (ppm)	1	<0.02	99	90	21-139	10
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	98	90	30-135	9
Bromodichloromethane	mg/kg (ppm)	1	<0.05	102	93	23-155	9
Dibromomethane	mg/kg (ppm)	1	<0.05	101	92	23-145	9
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	105	97	24-155	8
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	102	95	28-144	7
Toluene	mg/kg (ppm)	1	<0.05	106	98	35-130	8
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	109	103	26-149	6
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	118	109	10-205	8
2-Hexanone	mg/kg (ppm)	5	<0.5	109	101	15-166	8
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	108	101	31-137	7
Tetrachloroethene	mg/kg (ppm)	1	<0.025	106	98	20-133	8
Dibromochloromethane	mg/kg (ppm)	1	<0.05	114	101	28-150	12
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	110	102	28-142	8
Chlorobenzene	mg/kg (ppm)	1	<0.05	106	97	32-129	9
Ethylbenzene	mg/kg (ppm)	1	<0.05	106	99	32-137	7
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	109	104	31-143	5
m,p-Xylene	mg/kg (ppm)	2	<0.1	105	98	34-136	7
o-Xylene	mg/kg (ppm)	1	<0.05	109	101	33-134	8
Styrene	mg/kg (ppm)	1	<0.05	109	99	35-137	10
Isopropylbenzene	mg/kg (ppm)	1	0.15	98	90	31-142	9
Bromoform	mg/kg (ppm)	1	<0.05	102	97	21-156	5
n-Propylbenzene	mg/kg (ppm)	1	0.39	85 b	75 b	23-146	12 b
Bromobenzene	mg/kg (ppm)	1	<0.05	106	97	34-130	9
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	105	98	18-149	7
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	124	144 vo	28-140	15
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	107	99	25-144	8
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	104	95	31-134	9
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	104	97	31-136	7
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	105	95	30-137	10
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	<0.05	107	99	10-182	8
sec-Butylbenzene	mg/kg (ppm)	1	0.53	86 b	80 b	23-145	7 b
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	110	102	21-149	8
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	103	97	30-131	6
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	106	98	29-129	8
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	105	99	31-132	6
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	148	132	11-161	11
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	124	120	22-142	3
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	168 vo	155 vo	10-142	8
Naphthalene	mg/kg (ppm)	1	<0.05	150	145	14-157	3
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	134	122	20-144	9

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	52	10-146
Chloromethane	mg/kg (ppm)	1	65	27-133
Vinyl chloride	mg/kg (ppm)	1	72	22-139
Bromomethane	mg/kg (ppm)	1	67	38-114
Chloroethane	mg/kg (ppm)	1	75	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	87	10-196
Acetone	mg/kg (ppm)	5	94	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	86	47-128
Hexane	mg/kg (ppm)	1	101	43-142
Methylene chloride	mg/kg (ppm)	1	54	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	85	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	92	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	90	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	117	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	92	72-127
Chloroform	mg/kg (ppm)	1	88	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	99	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	96	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	95	69-128
Carbon tetrachloride	mg/kg (ppm)	1	106	60-139
Benzene	mg/kg (ppm)	1	90	71-118
Trichloroethene	mg/kg (ppm)	1	90	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	91	72-127
Bromodichloromethane	mg/kg (ppm)	1	93	57-126
Dibromomethane	mg/kg (ppm)	1	93	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	95	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	99	67-122
Toluene	mg/kg (ppm)	1	101	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	109	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	107	64-115
2-Hexanone	mg/kg (ppm)	5	108	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	104	72-130
Tetrachloroethene	mg/kg (ppm)	1	105	72-114
Dibromochloromethane	mg/kg (ppm)	1	104	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	105	74-132
Chlorobenzene	mg/kg (ppm)	1	104	76-111
Ethylbenzene	mg/kg (ppm)	1	102	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	104	64-121
m,p-Xylene	mg/kg (ppm)	2	102	78-122
o-Xylene	mg/kg (ppm)	1	102	77-124
Styrene	mg/kg (ppm)	1	102	74-126
Isopropylbenzene	mg/kg (ppm)	1	100	76-127
Bromoform	mg/kg (ppm)	1	102	56-132
n-Propylbenzene	mg/kg (ppm)	1	103	74-124
Bromobenzene	mg/kg (ppm)	1	102	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	103	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	107	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	106	61-137
2-Chlorotoluene	mg/kg (ppm)	1	101	74-121
4-Chlorotoluene	mg/kg (ppm)	1	103	75-122
tert-Butylbenzene	mg/kg (ppm)	1	102	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	106	76-125
sec-Butylbenzene	mg/kg (ppm)	1	105	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	108	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	103	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	106	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	103	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	107	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	110	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	113	50-153
Naphthalene	mg/kg (ppm)	1	107	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	108	63-138

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208181-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	84	96	50-150	13
Chrysene	mg/kg (ppm)	0.83	<0.01	81	93	50-150	14
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	81	95	50-150	16
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	92	50-150	13
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	96	50-150	17
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	88	105	41-134	18
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	90	105	44-130	15

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	98	70-130
Chrysene	mg/kg (ppm)	0.83	96	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	99	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	98	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	99	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	93	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	98	67-128

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208251

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208187-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	84	92	44-107	9
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	87	88	38-124	1

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	96	47-158
Aroclor 1260	mg/kg (ppm)	0.25	113	69-147

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

8/17/22 BOI

208261 Report To STuart Brown

Company Furallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA

Phone 425 245 0800 Email Sbrown@furallanconsulting.com

SAMPLERS (*signature*)

PROJECT NAME	PO #
Paccar	1353-001
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	AP

Page # _____ of _____

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	Lead	TCLP Lead			Notes
Drum contents	01	8/17/22	1340	Soil	1	/	/			/	/	/	/	●			Hold for PM
Drum-08172022																	per SB
per SB ME																	8/18/22 ME
																	● per SB 8/19/22
																	ME

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	furallon	8/17/22	1508
Received by:	NHUT TRUONG	FBI	8/17/22	1509
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282 NP

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 24, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 18, 2022 from the Paccar 1353-001, F&BI 208278 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0824R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 18, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208278 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208278 -01	TP-59-4.0
208278 -02	TP-60-8.5

An 8270E internal standard failed the acceptance criteria for sample TP-60-8.5. The sample was diluted and reanalyzed with acceptable results. Both data sets were reported.

The 8270E matrix spike and matrix spike duplicate failed the relative percent difference for pyrene. The analyte was not detected therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208278
Date Extracted: 08/22/22
Date Analyzed: 08/22/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-59-4.0 208278-01 1/10	24,000	21,000	111
TP-60-8.5 208278-02	4,200	4,000	93
Method Blank 02-2018 MB	<50	<250	88

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-59-4.0	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208278
Date Extracted:	08/22/22	Lab ID:	208278-01 1/250
Date Analyzed:	08/22/22	Data File:	082213.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	175 d	23	138
2-Fluorobiphenyl	90 d	50	150
2,4,6-Tribromophenol	54 d	40	127
Terphenyl-d14	105 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.85
2-Methylnaphthalene	1.3
1-Methylnaphthalene	1.4
Acenaphthylene	<0.5
Acenaphthene	<0.5
Fluorene	<0.5
Phenanthrene	1.5
Anthracene	<0.5
Fluoranthene	0.57
Pyrene	1.0
Benz(a)anthracene	<0.5
Chrysene	0.77
Benzo(a)pyrene	<0.5
Benzo(b)fluoranthene	<0.5
Benzo(k)fluoranthene	<0.5
Indeno(1,2,3-cd)pyrene	<0.5
Dibenz(a,h)anthracene	<0.5
Benzo(g,h,i)perylene	<0.5

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-60-8.5	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208278
Date Extracted:	08/22/22	Lab ID:	208278-02 1/5
Date Analyzed:	08/22/22	Data File:	082211.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	108 J	23	138
2-Fluorobiphenyl	92 J	50	150
2,4,6-Tribromophenol	94 J	40	127
Terphenyl-d14	116	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01 J
2-Methylnaphthalene	<0.01 J
1-Methylnaphthalene	<0.01 J
Acenaphthylene	<0.01 J
Acenaphthene	<0.01 J
Fluorene	0.038 J
Phenanthrene	0.18 J
Anthracene	<0.01 J
Fluoranthene	0.045 J
Pyrene	0.096
Benz(a)anthracene	0.022
Chrysene	0.086
Benzo(a)pyrene	0.011
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-60-8.5	Client:	Farallon Consulting, LLC
Date Received:	08/18/22	Project:	Paccar 1353-001, F&BI 208278
Date Extracted:	08/22/22	Lab ID:	208278-02 1/10
Date Analyzed:	08/22/22	Data File:	082214.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	113 d	23	138
2-Fluorobiphenyl	96 d	50	150
2,4,6-Tribromophenol	96 d	40	127
Terphenyl-d14	106 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.02
2-Methylnaphthalene	<0.02
1-Methylnaphthalene	<0.02
Acenaphthylene	<0.02
Acenaphthene	<0.02
Fluorene	0.040
Phenanthrene	0.20
Anthracene	<0.02
Fluoranthene	0.044
Pyrene	0.087
Benz(a)anthracene	0.023
Chrysene	0.094
Benzo(a)pyrene	<0.02
Benzo(b)fluoranthene	<0.02
Benzo(k)fluoranthene	<0.02
Indeno(1,2,3-cd)pyrene	<0.02
Dibenz(a,h)anthracene	<0.02
Benzo(g,h,i)perylene	<0.02

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208278
Date Extracted:	08/22/22	Lab ID:	02-2016 mb 1/5
Date Analyzed:	08/22/22	Data File:	082210.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	86	39	103
Phenol-d6	93	48	109
Nitrobenzene-d5	93	23	138
2-Fluorobiphenyl	101	50	150
2,4,6-Tribromophenol	84	40	127
Terphenyl-d14	99	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208278

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208313-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	12000	59 b	131 b	73-135	76 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	74-139

Date of Report: 08/24/22
Date Received: 08/18/22
Project: Paccar 1353-001, F&BI 208278

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208278-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01 J	95	101	50-150	6
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01 J	86	85	50-150	1
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01 J	85	85	50-150	0
Acenaphthylene	mg/kg (ppm)	0.83	<0.01 J	81 J	76 J	50-150	6
Acenaphthene	mg/kg (ppm)	0.83	<0.01 J	83 J	84 J	50-150	1
Fluorene	mg/kg (ppm)	0.83	0.029 J	82 J	82 J	50-150	0
Phenanthrene	mg/kg (ppm)	0.83	0.14 J	95	111 J	50-150	16
Anthracene	mg/kg (ppm)	0.83	<0.01 J	92	89 J	50-150	3
Fluoranthene	mg/kg (ppm)	0.83	0.035 J	90	79 J	50-150	13
Pyrene	mg/kg (ppm)	0.83	0.073	122	182 vo	50-150	39 vo
Benz(a)anthracene	mg/kg (ppm)	0.83	0.017	95	99	50-150	4
Chrysene	mg/kg (ppm)	0.83	0.065	90	92	50-150	2
Benzo(a)pyrene	mg/kg (ppm)	0.83	0.0083	92	91 J	50-150	1
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	0.011	109	113 J	50-150	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	108	100 J	50-150	8
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	63	65 J	50-150	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	58	65 J	50-150	11
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	54	62 J	50-150	14

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	88	61-102
2-Methylnaphthalene	mg/kg (ppm)	0.83	89	62-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	88	62-108
Acenaphthylene	mg/kg (ppm)	0.83	93	61-111
Acenaphthene	mg/kg (ppm)	0.83	95	61-110
Fluorene	mg/kg (ppm)	0.83	94	62-114
Phenanthrene	mg/kg (ppm)	0.83	93	64-112
Anthracene	mg/kg (ppm)	0.83	93	63-111
Fluoranthene	mg/kg (ppm)	0.83	88	66-115
Pyrene	mg/kg (ppm)	0.83	91	65-112
Benz(a)anthracene	mg/kg (ppm)	0.83	93	64-116
Chrysene	mg/kg (ppm)	0.83	94	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	93	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	93	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	96	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	93	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	94	67-131
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	92	67-126

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

8/18/22

1301 Page # _____ of _____

208278 Report To Stuart Braun

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA

Phone 425 295 0800 Email Sbraun@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: Parcar

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					1 per SB 8/19/22 mL Notes
TP-59-4.0	01	8/18/22	0940	Soil	1	✓					✓						hold
TP-60-8.5	02	8/18/22	0945	Soil	1	✓					✓						hold

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Hony Nilsen	Max-Hony Nilsen	Farallon	8/18/22	12:00
Received by: W. Madden	W. Madden	F+BI	8/18/22	1200
Relinquished by:				
Received by:				

Samples received at 0 °C

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 25, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 22, 2022 from the Paccar 1353-001, F&BI 208323 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0825R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 22, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208323 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208323 -01	TP-61-8.0
208323 -02	TP-62-3.0
208323 -03	TP-63-8.0
208323 -04	TP-64-6.0
208323 -05	TP-65-7.5
208323 -06	A2-B3-4.0
208323 -07	A2-Structure1-7.5

All quality control requirements were acceptable.

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323
Date Extracted: 08/23/22
Date Analyzed: 08/23/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-61-8.0 208323-01	<50	<250	95
TP-62-3.0 208323-02	45,000 x	28,000	110
TP-63-8.0 208323-03	<50	<250	96
TP-64-6.0 208323-04	1,100 x	1,100	93
TP-65-7.5 208323-05 1/10	45,000 x	44,000	ip
A2-B3-4.0 208323-06	<50	<250	98
A2-Structure1-7.5 208323-07	600 x	1,400	98
Method Blank 02-2018 MB2	<50	<250	104

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-61-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-01 1/5
Date Analyzed:	08/23/22	Data File:	082309.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	75	14	115
Phenol-d6	85	29	121
Nitrobenzene-d5	88	16	137
2-Fluorobiphenyl	91	46	122
2,4,6-Tribromophenol	79	17	154
Terphenyl-d14	99	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-62-3.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-02 1/250
Date Analyzed:	08/23/22	Data File:	082311.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	57 d	14	115
Phenol-d6	90 d	29	121
Nitrobenzene-d5	415 d	16	137
2-Fluorobiphenyl	90 d	46	122
2,4,6-Tribromophenol	50 d	17	154
Terphenyl-d14	130 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.5
Chrysene	1.1
Benzo(a)pyrene	<0.5
Benzo(b)fluoranthene	<0.5
Benzo(k)fluoranthene	<0.5
Indeno(1,2,3-cd)pyrene	<0.5
Dibenz(a,h)anthracene	<0.5

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-63-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-03 1/5
Date Analyzed:	08/23/22	Data File:	082308.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	77	22	119
Phenol-d6	88	38	124
Nitrobenzene-d5	85	10	198
2-Fluorobiphenyl	95	45	117
2,4,6-Tribromophenol	88	11	158
Terphenyl-d14	103	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-64-6.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-04 1/25
Date Analyzed:	08/23/22	Data File:	082310.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	64 d	22	119
Phenol-d6	72 d	38	124
Nitrobenzene-d5	90 d	10	198
2-Fluorobiphenyl	85 d	45	117
2,4,6-Tribromophenol	78 d	11	158
Terphenyl-d14	89 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.13
Chrysene	0.21
Benzo(a)pyrene	0.053
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-65-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-05 1/1000
Date Analyzed:	08/23/22	Data File:	082312.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	26 d	14	115
Phenol-d6	40 d	29	121
Nitrobenzene-d5	60 d	16	137
2-Fluorobiphenyl	80 d	46	122
2,4,6-Tribromophenol	0 d	17	154
Terphenyl-d14	100 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	6.5
Chrysene	12
Benzo(a)pyrene	3.0
Benzo(b)fluoranthene	3.0
Benzo(k)fluoranthene	<2
Indeno(1,2,3-cd)pyrene	<2
Dibenz(a,h)anthracene	<2

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	A2-B3-4.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-06 1/5
Date Analyzed:	08/23/22	Data File:	082309.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	22	119
Phenol-d6	85	38	124
Nitrobenzene-d5	82	10	198
2-Fluorobiphenyl	92	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	93	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.014
Chrysene	0.015
Benzo(a)pyrene	0.014
Benzo(b)fluoranthene	0.013
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	A2-Structure1-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-07 1/25
Date Analyzed:	08/23/22	Data File:	082310.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	70 d	14	115
Phenol-d6	80 d	29	121
Nitrobenzene-d5	80 d	16	137
2-Fluorobiphenyl	85 d	46	122
2,4,6-Tribromophenol	70 d	17	154
Terphenyl-d14	84 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	0.063
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	02-2016 mb2 1/5
Date Analyzed:	08/23/22	Data File:	082308.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	92	14	115
Phenol-d6	100	29	121
Nitrobenzene-d5	100	16	137
2-Fluorobiphenyl	106	46	122
2,4,6-Tribromophenol	91	17	154
Terphenyl-d14	112	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A2-B3-4.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-06 1/6
Date Analyzed:	08/23/22	Data File:	082305.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	91	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A2-Structure1-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-07 1/6
Date Analyzed:	08/23/22	Data File:	082306.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.073
Aroclor 1260	0.049
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	02-2020 mb2 1/6
Date Analyzed:	08/23/22	Data File:	082304.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	110	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208313-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	12000	59 b	131 b	73-135	76 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	74-139

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208278-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	0.017	95	99	50-150	4
Chrysene	mg/kg (ppm)	0.83	0.065	90	92	50-150	2
Benzo(a)pyrene	mg/kg (ppm)	0.83	0.0083	92	91 J	50-150	1
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	0.011	109	113 J	50-150	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	108	100 J	50-150	8
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	63	65 J	50-150	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	58	65 J	50-150	11

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	93	64-116
Chrysene	mg/kg (ppm)	0.83	94	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	93	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	93	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	96	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	93	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	94	67-131

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208309-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	99	98	44-107	1
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	132 ip	157 ip	38-124	17

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	112	47-158
Aroclor 1260	mg/kg (ppm)	0.25	117	69-147

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

208323

SAMPLE CHAIN OF CUSTODY

ME 8/22/22

B02

Page # _____ of _____

Report To Stuart Brown

Company Farallon

Address 975 5th Ave. NW

City, State, ZIP Issaquah, WA, 98027

Phone 425 295 0800 Email SBrown@farallonconsulting.com

SAMPLERS (signature) Max-Henry Nelson

PROJECT NAME: Pacco

PO # 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082					Notes
TP-61-8.0	01	8-22-2022	0802	soil	1	X					X						
TP-62-3.0	02	8-22-2022	0835	Soil	1	X					X						
TP-63-8.0	03	8-22-2022	0848	Soil	1	X					X						
TP-64-6.0	04	8-22-2022	0927	soil	1	X					X						
TP-65-7.5	05	8-22-2022	0934	soil	1	X					X						
AZ-B3-4.0	06	8-22-2022	1055	soil	1	X					X	X					
AZ-structure 1-7.5	07	8-22-2022	1310	soil	1	X					X	X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	8-22-2022	14:35
Received by: [signature]	[signature]	PBI	8/22/22	14:35
Relinquished by:				
Received by:				

Samples received at 4 °C

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 30, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 25, 2022 from the Paccar 1353-001, F&BI 208385 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0830R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 25, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208385 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208385 -01	TP-68-3.0

The 8270E matrix spike and matrix spike duplicate failed the relative percent difference for several compounds. The laboratory control sample passed the acceptance criteria, therefore the results were likely due to matrix effect.

All other quality control requirements were acceptable.

Date of Report: 08/30/22
Date Received: 08/25/22
Project: Paccar 1353-001, F&BI 208385
Date Extracted: 08/25/22
Date Analyzed: 08/25/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-68-3.0 208385-01	<50	<250	108
Method Blank 02-2038 MB	<50	<250	96

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-68-3.0	Client:	Farallon Consulting, LLC
Date Received:	08/25/22	Project:	Paccar 1353-001, F&BI 208385
Date Extracted:	08/25/22	Lab ID:	208385-01 1/25
Date Analyzed:	08/26/22	Data File:	082609.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	51 d	16	137
2-Fluorobiphenyl	76 d	46	122
2,4,6-Tribromophenol	74 d	17	154
Terphenyl-d14	100 d	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.05
2-Methylnaphthalene	<0.05
1-Methylnaphthalene	<0.05
Acenaphthylene	<0.05
Acenaphthene	<0.05
Fluorene	<0.05
Phenanthrene	<0.05
Anthracene	<0.05
Fluoranthene	0.18
Pyrene	0.23
Benz(a)anthracene	0.19
Chrysene	0.25
Benzo(a)pyrene	0.77
Benzo(b)fluoranthene	0.73
Benzo(k)fluoranthene	0.24
Indeno(1,2,3-cd)pyrene	0.60
Dibenz(a,h)anthracene	0.12
Benzo(g,h,i)perylene	0.57

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208385
Date Extracted:	08/25/22	Lab ID:	02-2034 mb 1/5
Date Analyzed:	08/25/22	Data File:	082510.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	97	16	137
2-Fluorobiphenyl	105	46	122
2,4,6-Tribromophenol	92	17	154
Terphenyl-d14	110	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 08/30/22
Date Received: 08/25/22
Project: Paccar 1353-001, F&BI 208385

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208369-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	5,800	3 b	24 b	73-135	156 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	74-139

Date of Report: 08/30/22
Date Received: 08/25/22
Project: Paccar 1353-001, F&BI 208385

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208369-05 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	82	77	50-150	6
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	81	78	50-150	4
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	81	78	50-150	4
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	86	81	50-150	6
Acenaphthene	mg/kg (ppm)	0.83	<0.01	80	76	50-150	5
Fluorene	mg/kg (ppm)	0.83	<0.01	83	79	50-150	5
Phenanthrene	mg/kg (ppm)	0.83	<0.01	86	81	10-170	6
Anthracene	mg/kg (ppm)	0.83	<0.01	87	81	50-150	7
Fluoranthene	mg/kg (ppm)	0.83	<0.01	86	79	10-203	8
Pyrene	mg/kg (ppm)	0.83	<0.01	93	83	10-208	11
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	90	86	37-146	5
Chrysene	mg/kg (ppm)	0.83	<0.01	89	84	36-144	6
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	92	88	40-150	4
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	92	93	45-157	1
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	91	96	50-150	5
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	83	55	24-145	41 vo
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	82	54	31-137	41 vo
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	77	48	14-141	46 vo

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	83	61-102
2-Methylnaphthalene	mg/kg (ppm)	0.83	81	62-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	81	62-108
Acenaphthylene	mg/kg (ppm)	0.83	93	61-111
Acenaphthene	mg/kg (ppm)	0.83	87	61-110
Fluorene	mg/kg (ppm)	0.83	91	62-114
Phenanthrene	mg/kg (ppm)	0.83	97	64-112
Anthracene	mg/kg (ppm)	0.83	98	63-111
Fluoranthene	mg/kg (ppm)	0.83	99	66-115
Pyrene	mg/kg (ppm)	0.83	105	65-112
Benz(a)anthracene	mg/kg (ppm)	0.83	98	64-116
Chrysene	mg/kg (ppm)	0.83	97	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	97	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	99	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	101	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	101	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	102	67-131
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	101	67-126

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

8/25/22 COC

Page # 1 of 1

208385 Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA, 98027

Phone 425 295 0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Max-Henry Nilsen

PROJECT NAME: Puccar

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
TP-68-3.0	01	8-25-2022	1030	Soil	1	X					X						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nilsen	Max-Henry Nilsen	Farallon	8-25-22	1200
Received by: W. Madden	W. Madden	F+BI	8/25/22	1200
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 16, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on September 7, 2022 from the Paccar 1353-001, F&BI 209075 project. There are 33 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0916R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on September 7, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 209075 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
209075 -01	SP-05-01
209075 -02	SP-05-02
209075 -03	SP-05-03
209075 -04	SP-05-04
209075 -05	SP-05-05
209075 -06	SP-05-06
209075 -07	SP-05-07
209075 -08	SP-05-08
209075 -09	SP-05-09
209075 -10	SP-05-10

All quality control requirements were acceptable.

Date of Report: 09/16/22
Date Received: 09/07/22
Project: Paccar 1353-001, F&BI 209075
Date Extracted: 09/08/22
Date Analyzed: 09/08/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
SP-05-01 209075-01	<50	<250	111
SP-05-02 209075-02	<50	<250	108
SP-05-03 209075-03	<50	<250	110
SP-05-04 209075-04	<50	570	122
SP-05-05 209075-05	<50	350	110
SP-05-06 209075-06	<50	<250	107
SP-05-07 209075-07	<50	<250	110
SP-05-08 209075-08	<50	<250	126
SP-05-09 209075-09	<50	<250	111
SP-05-10 209075-10	<50	<250	124
Method Blank 02-2132 MB	<50	<250	107

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-01	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-01
Date Analyzed:	09/08/22	Data File:	209075-01.077
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.68
Barium	47.1
Cadmium	<1
Chromium	9.85
Lead	2.57
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-02	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-02
Date Analyzed:	09/09/22	Data File:	209075-02.073
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.03
Barium	85.8
Cadmium	<1
Chromium	14.2
Lead	17.3
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-03	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-03
Date Analyzed:	09/09/22	Data File:	209075-03.074
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.35
Barium	54.0
Cadmium	<1
Chromium	9.33
Lead	6.24
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-04	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-04
Date Analyzed:	09/09/22	Data File:	209075-04.075
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.33
Barium	53.0
Cadmium	<1
Lead	50.3
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-04	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-04 x5
Date Analyzed:	09/12/22	Data File:	209075-04 x5.034
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Chromium	<5

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-05	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-05
Date Analyzed:	09/09/22	Data File:	209075-05.076
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.39
Barium	103
Cadmium	<1
Chromium	14.7
Lead	8.37
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-06	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-06
Date Analyzed:	09/09/22	Data File:	209075-06.077
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.54
Barium	56.2
Cadmium	<1
Chromium	10.8
Lead	12.3
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-07	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-07
Date Analyzed:	09/09/22	Data File:	209075-07.078
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.80
Barium	44.7
Cadmium	<1
Lead	9.80
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-07	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-07 x5
Date Analyzed:	09/13/22	Data File:	209075-07 x5.175
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	12.5

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-08	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-08
Date Analyzed:	09/09/22	Data File:	209075-08.079
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.80
Barium	69.6
Cadmium	1.47
Lead	25.0
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-08	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-08 x5
Date Analyzed:	09/13/22	Data File:	209075-08 x5.176
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	13.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-09	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-09
Date Analyzed:	09/09/22	Data File:	209075-09.080
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.41
Barium	26.8
Cadmium	<1
Chromium	8.26
Lead	2.10
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-05-10	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-10
Date Analyzed:	09/09/22	Data File:	209075-10.081
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.86
Barium	43.2
Cadmium	<1
Chromium	10.6
Lead	2.47
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	I2-625 mb
Date Analyzed:	09/08/22	Data File:	I2-625 mb.075
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	WE

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-01	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/09/22	Lab ID:	209075-01 1/5
Date Analyzed:	09/09/22	Data File:	090907.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	85	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-02	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-02 1/25
Date Analyzed:	09/08/22	Data File:	090820.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	94 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.13
Chrysene	0.15
Benzo(a)pyrene	0.095
Benzo(b)fluoranthene	0.13
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-03	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-03 1/25
Date Analyzed:	09/09/22	Data File:	090821.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	95 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	0.057
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	0.057
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-04	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-04 1/100
Date Analyzed:	09/09/22	Data File:	090823.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	96 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.2
Chrysene	0.30
Benzo(a)pyrene	0.27
Benzo(b)fluoranthene	0.43
Benzo(k)fluoranthene	<0.2
Indeno(1,2,3-cd)pyrene	<0.2
Dibenz(a,h)anthracene	<0.2

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-05	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-05 1/25
Date Analyzed:	09/09/22	Data File:	090822.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	108 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	0.054
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-06	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-06 1/25
Date Analyzed:	09/08/22	Data File:	090817.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	109 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.10
Chrysene	0.13
Benzo(a)pyrene	0.089
Benzo(b)fluoranthene	0.12
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	0.063
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-07	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-07 1/25
Date Analyzed:	09/08/22	Data File:	090818.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	104 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.19
Chrysene	0.22
Benzo(a)pyrene	0.21
Benzo(b)fluoranthene	0.27
Benzo(k)fluoranthene	0.092
Indeno(1,2,3-cd)pyrene	0.14
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-08	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-08 1/25
Date Analyzed:	09/08/22	Data File:	090819.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	93 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.48
Chrysene	0.51
Benzo(a)pyrene	0.49
Benzo(b)fluoranthene	0.50
Benzo(k)fluoranthene	0.20
Indeno(1,2,3-cd)pyrene	0.23
Dibenz(a,h)anthracene	0.055

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-09	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-09 1/5
Date Analyzed:	09/08/22	Data File:	090815.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	101	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-05-10	Client:	Farallon Consulting, LLC
Date Received:	09/07/22	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	209075-10 1/5
Date Analyzed:	09/08/22	Data File:	090816.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	102	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/08/22	Lab ID:	02-2131 mb 1/5
Date Analyzed:	09/08/22	Data File:	090813.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	103	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 209075
Date Extracted:	09/09/22	Lab ID:	02-2131 mb2 1/5
Date Analyzed:	09/09/22	Data File:	090906.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	101	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 09/16/22
Date Received: 09/07/22
Project: Paccar 1353-001, F&BI 209075

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 209075-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	102	104	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	74-139

Date of Report: 09/16/22
Date Received: 09/07/22
Project: Paccar 1353-001, F&BI 209075

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

Laboratory Code: 209075-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	617	82	87	75-125	6
Barium	mg/kg (ppm)	50	106	90	89	75-125	1
Cadmium	mg/kg (ppm)	10	86.4	95	94	75-125	1
Chromium	mg/kg (ppm)	50	3.24	84	81	75-125	4
Lead	mg/kg (ppm)	50	66.5	94	91	75-125	3
Mercury	mg/kg (ppm	5	350	104	100	75-125	4
Selenium	mg/kg (ppm)	5	<1	80	84	75-125	5
Silver	mg/kg (ppm)	10	79.7	91	89	75-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	82	80-120
Barium	mg/kg (ppm)	50	94	80-120
Cadmium	mg/kg (ppm)	10	93	80-120
Chromium	mg/kg (ppm)	50	96	80-120
Lead	mg/kg (ppm)	50	94	80-120
Mercury	mg/kg (ppm)	5	104	80-120
Selenium	mg/kg (ppm)	5	83	80-120
Silver	mg/kg (ppm)	10	89	80-120

Date of Report: 09/16/22
Date Received: 09/07/22
Project: Paccar 1353-001, F&BI 209075

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 209075-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	91	86	37-146	6
Chrysene	mg/kg (ppm)	0.83	<0.01	90	85	36-144	6
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	91	86	40-150	6
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	90	85	45-157	6
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	91	85	50-150	7
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	88	92	24-145	4
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	89	90	31-137	1

Date of Report: 09/16/22
Date Received: 09/07/22
Project: Paccar 1353-001, F&BI 209075

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	93	64-116
Chrysene	mg/kg (ppm)	0.83	93	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	93	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	93	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	95	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	88	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	90	67-131

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

209075

SAMPLE CHAIN OF CUSTODY

09-07-22

Page # 1 of B13

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA, 98027

Phone 425 295 0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Max-Henry Nelson

PROJECT NAME: Paccar

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAH PAHs EPA 8270	PCBs EPA 8082	RCRA 8 Metals				Notes
SP-05-01	01	09-07-22	1040	S	1	X					X		X				
SP-05-02	02	09-07-22	1042	S	1	X					X		X				
SP-05-03	03	09-07-22	1045	S	1	X					X		X				
SP-05-04	04	09-07-22	1048	S	1	X					X		X				
SP-05-05	05	09-07-22	1052	S	1	X					X		X				
SP-05-06	06	09-07-22	1055	S	1	X					X		X				
SP-05-07	07	09-07-22	1100	S	1	X					X		X				
SP-05-08	08	09-07-22	1103	S	1	X					X		X				
SP-05-09	09	09-07-22	1106	S	1	X					X		X				
SP-05-10	10	09-07-22	1110	S	1	X					X		X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	09-07-22	1800
Received by: HONG	HONG NGUYEN	FBI	9/7/22	18:05
Relinquished by:				
Received by:		Samples received at		4 °C

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 21, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on September 16, 2022 from the Paccar 1353-001, F&BI 209250 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0921R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on September 16, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 209250 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
209250 -01	TP-70-2.0
209250 -02	TP-71-2.0

An 8270E internal standard failed the acceptance criteria for sample TP-70-2.0. The sample was diluted and reanalyzed with acceptable results. Both data sets were reported.

All other quality control requirements were acceptable.

Date of Report: 09/21/22
Date Received: 09/16/22
Project: Paccar 1353-001, F&BI 209250
Date Extracted: 09/16/22
Date Analyzed: 09/16/22 and 09/19/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-70-2.0 209250-01	1,300 x	5,400	101
TP-71-2.0 209250-02	<50	<250	107
Method Blank 02-2222 MB	<50	<250	102

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-70-2.0	Client:	Farallon Consulting, LLC
Date Received:	09/16/22	Project:	Paccar 1353-001, F&BI 209250
Date Extracted:	09/16/22	Lab ID:	209250-01 1/25
Date Analyzed:	09/20/22	Data File:	091933.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	91 d	16	137
2-Fluorobiphenyl	83 d	46	122
2,4,6-Tribromophenol	102 d	17	154
Terphenyl-d14	103 d	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.05
2-Methylnaphthalene	<0.05
1-Methylnaphthalene	<0.05
Acenaphthylene	<0.05
Acenaphthene	<0.05
Fluorene	<0.05
Phenanthrene	0.17
Anthracene	<0.05
Fluoranthene	0.11
Pyrene	0.43
Benz(a)anthracene	0.063
Chrysene	0.26
Benzo(a)pyrene	0.097 J
Benzo(b)fluoranthene	0.085 J
Benzo(k)fluoranthene	<0.05 J
Indeno(1,2,3-cd)pyrene	<0.05 J
Dibenz(a,h)anthracene	<0.05 J
Benzo(g,h,i)perylene	<0.05 J

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-70-2.0	Client:	Farallon Consulting, LLC
Date Received:	09/16/22	Project:	Paccar 1353-001, F&BI 209250
Date Extracted:	09/16/22	Lab ID:	209250-01 1/50
Date Analyzed:	09/20/22	Data File:	091930.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	107 d	16	137
2-Fluorobiphenyl	78 d	46	122
2,4,6-Tribromophenol	112 d	17	154
Terphenyl-d14	90 d	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.1
2-Methylnaphthalene	<0.1
1-Methylnaphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	0.18
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	0.38
Benz(a)anthracene	<0.1
Chrysene	0.26
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-71-2.0	Client:	Farallon Consulting, LLC
Date Received:	09/16/22	Project:	Paccar 1353-001, F&BI 209250
Date Extracted:	09/16/22	Lab ID:	209250-02 1/5
Date Analyzed:	09/19/22	Data File:	091915.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	83	16	137
2-Fluorobiphenyl	81	46	122
2,4,6-Tribromophenol	80	17	154
Terphenyl-d14	94	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.012
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	0.019
Anthracene	<0.01
Fluoranthene	0.031
Pyrene	0.033
Benz(a)anthracene	0.012
Chrysene	0.025
Benzo(a)pyrene	0.014
Benzo(b)fluoranthene	0.025
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.010
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	0.010

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 209250
Date Extracted:	09/16/22	Lab ID:	02-2216 mb2 1/5
Date Analyzed:	09/19/22	Data File:	091914.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	79	16	137
2-Fluorobiphenyl	81	46	122
2,4,6-Tribromophenol	72	17	154
Terphenyl-d14	97	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 09/21/22
Date Received: 09/16/22
Project: Paccar 1353-001, F&BI 209250

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 209229-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	74	80	63-146	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	78	79-144

Date of Report: 09/21/22
Date Received: 09/16/22
Project: Paccar 1353-001, F&BI 209250

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 209198-22 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.03	73	71	50-150	3
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.03	74	72	50-150	3
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.03	75	72	50-150	4
Acenaphthylene	mg/kg (ppm)	0.83	<0.03	79	77	50-150	3
Acenaphthene	mg/kg (ppm)	0.83	<0.03	79	76	50-150	4
Fluorene	mg/kg (ppm)	0.83	<0.03	80	76	50-150	5
Phenanthrene	mg/kg (ppm)	0.83	<0.03	85	79	10-170	7
Anthracene	mg/kg (ppm)	0.83	<0.03	83	81	50-150	2
Fluoranthene	mg/kg (ppm)	0.83	<0.03	80	76	10-203	5
Pyrene	mg/kg (ppm)	0.83	<0.03	98	92	10-208	6
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.03	84	80	37-146	5
Chrysene	mg/kg (ppm)	0.83	<0.03	87	82	36-144	6
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.03	84	82	40-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.03	86	84	45-157	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.03	83	82	50-150	1
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.03	79	72	24-145	9
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.03	81	73	31-137	10
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.03	77	68	14-141	12

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	88	61-102
2-Methylnaphthalene	mg/kg (ppm)	0.83	87	62-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	88	62-108
Acenaphthylene	mg/kg (ppm)	0.83	95	61-111
Acenaphthene	mg/kg (ppm)	0.83	94	61-110
Fluorene	mg/kg (ppm)	0.83	94	62-114
Phenanthrene	mg/kg (ppm)	0.83	97	64-112
Anthracene	mg/kg (ppm)	0.83	96	63-111
Fluoranthene	mg/kg (ppm)	0.83	97	66-115
Pyrene	mg/kg (ppm)	0.83	104	65-112
Benz(a)anthracene	mg/kg (ppm)	0.83	94	64-116
Chrysene	mg/kg (ppm)	0.83	99	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	97	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	97	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	100	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	99	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	100	67-131
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	101	67-126

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

209250 — 09/16/22 — D01

Page # _____ of _____

Report To Stuart Brown
Company Farallon
Address 975 5th Ave Northwest
City, State, ZIP Issaquah, WA, 98027
Phone 425 295 0800 Email Sbrown@farallonconsulting.com

SAMPLERS (*signature*): Max-Henry Nelson

PROJECT NAME	PO #
Paccar	1353-001
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	AP

TURNAROUND TIME
☐ Standard turnaround
☒ RUSH 24
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Archive samples
☐ Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
						ANALYSES REQUESTED											
TP-70-2.0	01	9-16-22	1120	S	1	X					X						
TP-71-2.0	02	9-16-22	1140	S	1	X					X						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max Henry Nelson	Max-Henry Nelson	Farallon	9-16-22	1345
Received by:	ANH PHAN	F&B	09/16/22	13:45
Relinquished by:				
Received by:		Samples received at 0 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 7, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

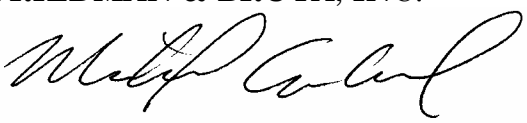
Dear Mr Brown:

Included are the results from the testing of material submitted on September 29, 2022 from the PACCAR 1353-001, F&BI 209495 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Farallon Data, Pete Kingston
FLN1007R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 29, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 209495 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
209495 -01	NE Corner Pipe Liquid-20220929

The 8270E calibration standard failed the acceptance criteria for several analytes. The data were flagged accordingly.

An 8270E internal standard failed the acceptance criteria for sample NE Corner Pipe Liquid-20220929. The data were flagged accordingly.

Several compounds in the 8270E laboratory control sample and laboratory control sample duplicate failed the acceptance criteria. The data were flagged accordingly.

All other quality control requirements were acceptable.

Date of Report: 10/07/22
Date Received: 09/29/22
Project: PACCAR 1353-001, F&BI 209495
Date Extracted: 09/30/22
Date Analyzed: 09/30/22

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 56-165)
NE Corner Pipe Liquid-20220929 209495-01	ND	D x	D x	114
Method Blank 02-2381 MB	ND	ND	ND	104

ND - Material not detected at or above 0.2 mg/L gas, 0.5 mg/L diesel and 0.5 mg/L heavy oil.

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	NE Corner Pipe Liquid-20220929		Client: Farallon Consulting, LLC
Date Received:	09/29/22	Project:	PACCAR 1353-001, F&BI 209495
Date Extracted:	10/03/22	Lab ID:	209495-01 1/5
Date Analyzed:	10/03/22	Data File:	100309.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	8 ip	10	60
Phenol-d6	1 ip	10	49
Nitrobenzene-d5	1 ip	15	144
2-Fluorobiphenyl	78	25	128
2,4,6-Tribromophenol	126 ca	10	142
Terphenyl-d14	109	41	138

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Phenol	<10	2,6-Dinitrotoluene	<5
Bis(2-chloroethyl) ether	<1	3-Nitroaniline	<100
2-Chlorophenol	<10	Acenaphthene	0.42
1,3-Dichlorobenzene	<1	2,4-Dinitrophenol	<30
1,4-Dichlorobenzene	<1	Dibenzofuran	<1
1,2-Dichlorobenzene	<1	2,4-Dinitrotoluene	<5
Benzyl alcohol	<10	4-Nitrophenol	<30
2,2'-Oxybis(1-chloropropane)	<1	Diethyl phthalate	<10 ca
2-Methylphenol	<10	Fluorene	0.39 ca
Hexachloroethane	<1	4-Chlorophenyl phenyl ether	<1 ca
N-Nitroso-di-n-propylamine	<1	N-Nitrosodiphenylamine	<1
3-Methylphenol + 4-Methylphenol	<20	4-Nitroaniline	<100
Nitrobenzene	<1	4,6-Dinitro-2-methylphenol	<30
Isophorone	<1	4-Bromophenyl phenyl ether	<1
2-Nitrophenol	<10	Hexachlorobenzene	<1
2,4-Dimethylphenol	<10	Pentachlorophenol	16
Benzoic acid	<50 jl	Phenanthrene	0.43
Bis(2-chloroethoxy)methane	<1	Anthracene	0.11
2,4-Dichlorophenol	<10	Carbazole	<1
1,2,4-Trichlorobenzene	<1	Di-n-butyl phthalate	<10
Naphthalene	<1	Fluoranthene	0.27 ca
Hexachlorobutadiene	<1	Pyrene	0.22 ca
4-Chloroaniline	<100	Benzyl butyl phthalate	<10
4-Chloro-3-methylphenol	<10	Benz(a)anthracene	0.11
2-Methylnaphthalene	<1	Chrysene	0.12
1-Methylnaphthalene	<1	Bis(2-ethylhexyl) phthalate	<16
Hexachlorocyclopentadiene	<3	Di-n-octyl phthalate	<10 J ca
2,4,6-Trichlorophenol	<10	Benzo(a)pyrene	0.13 J
2,4,5-Trichlorophenol	<10	Benzo(b)fluoranthene	0.15 J
2-Chloronaphthalene	<1	Benzo(k)fluoranthene	<0.1 J
2-Nitroaniline	<5	Indeno(1,2,3-cd)pyrene	0.15 J
Dimethyl phthalate	<10	Dibenz(a,h)anthracene	<0.1 J
Acenaphthylene	<0.1	Benzo(g,h,i)perylene	<0.2 J

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GCMS Library Search Compound Report By EPA Method 8270E

Client Sample ID:	NE Corner Pipe Liquid-20220929		Client: Farallon Consulting, LLC
Date Received:	09/29/22	Project:	PACCAR 1353-001, F&BI 209495
Date Extracted:	10/03/22	Lab ID:	209495-01 1/5
Date Analyzed:	10/03/22	Data File:	100309.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	8 ip	10	60
Phenol-d6	1 ip	10	49
Nitrobenzene-d5	1 ip	15	144
2-Fluorobiphenyl	78	25	128
2,4,6-Tribromophenol	126 ca	10	142
Terphenyl-d14	109	41	138

Tentative ID	CAS #	Qual.	Conc.
Ethanone, 1-phenyl-	000098-86-2	59	6,000
Ethanone, 1-(4-hydroxyphenyl)-	000099-93-4	94	60
Lycopodan-5-one, 12-hydroxy-15-m...	006900-92-1	50	48
Benzeneethanol, .beta.-methyl-	001123-85-9	53	40
2-Propanol, 1,1'-[(1-methyl-1,2-...	001638-16-0	59	35
Benzamide	000055-21-0	58	31
Pentadecanoic acid	001002-84-2	87	23
Tetradecanoic acid	000544-63-8	90	9.0
4,5'-Bipyrimidine, 4',6-bis(meth...	059549-36-9	53	5.5
Ethanone, 1-(methylphenyl)-	026444-19-9	94	4.1

Note: Only compounds with a spectral quality of 50 or greater have been reported.

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 209495
Date Extracted:	10/03/22	Lab ID:	02-2390 mb
Date Analyzed:	10/03/22	Data File:	100308.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	33	10	60
Phenol-d6	19	10	49
Nitrobenzene-d5	105	15	144
2-Fluorobiphenyl	95	25	128
2,4,6-Tribromophenol	94 ca	10	142
Terphenyl-d14	108	41	138

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Phenol	<2	2,6-Dinitrotoluene	<1
Bis(2-chloroethyl) ether	<0.2	3-Nitroaniline	<20
2-Chlorophenol	<2	Acenaphthene	<0.02
1,3-Dichlorobenzene	<0.2	2,4-Dinitrophenol	<6
1,4-Dichlorobenzene	<0.2	Dibenzofuran	<0.2
1,2-Dichlorobenzene	<0.2	2,4-Dinitrotoluene	<1
Benzyl alcohol	<2	4-Nitrophenol	<6
2,2'-Oxybis(1-chloropropane)	<0.2	Diethyl phthalate	<2
2-Methylphenol	<2	Fluorene	<0.02 ca
Hexachloroethane	<0.2	4-Chlorophenyl phenyl ether	<0.2 ca
N-Nitroso-di-n-propylamine	<0.2	N-Nitrosodiphenylamine	<0.2
3-Methylphenol + 4-Methylphenol	<4	4-Nitroaniline	<20
Nitrobenzene	<0.2	4,6-Dinitro-2-methylphenol	<6
Isophorone	<0.2	4-Bromophenyl phenyl ether	<0.2
2-Nitrophenol	<2	Hexachlorobenzene	<0.2
2,4-Dimethylphenol	<2	Pentachlorophenol	<1
Benzoic acid	<10 jl	Phenanthrene	<0.02
Bis(2-chloroethoxy)methane	<0.2	Anthracene	<0.02
2,4-Dichlorophenol	<2	Carbazole	<0.2
1,2,4-Trichlorobenzene	<0.2	Di-n-butyl phthalate	<2
Naphthalene	<0.2	Fluoranthene	<0.02
Hexachlorobutadiene	<0.2	Pyrene	<0.02
4-Chloroaniline	<20	Benzyl butyl phthalate	<2
4-Chloro-3-methylphenol	<2	Benz(a)anthracene	<0.02
2-Methylnaphthalene	<0.2	Chrysene	<0.02
1-Methylnaphthalene	<0.2	Bis(2-ethylhexyl) phthalate	<3.2
Hexachlorocyclopentadiene	<0.6	Di-n-octyl phthalate	<2 ca
2,4,6-Trichlorophenol	<2	Benzo(a)pyrene	<0.02
2,4,5-Trichlorophenol	<2	Benzo(b)fluoranthene	<0.02
2-Chloronaphthalene	<0.2	Benzo(k)fluoranthene	<0.02
2-Nitroaniline	<1	Indeno(1,2,3-cd)pyrene	<0.02
Dimethyl phthalate	<2	Dibenz(a,h)anthracene	<0.02
Acenaphthylene	<0.02	Benzo(g,h,i)perylene	<0.04

GCMS Library Search Compound Report By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 209495
Date Extracted:	10/03/22	Lab ID:	02-2390 mb
Date Analyzed:	10/03/22	Data File:	100308.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	33	10	60
Phenol-d6	19	10	49
Nitrobenzene-d5	105	15	144
2-Fluorobiphenyl	95	25	128
2,4,6-Tribromophenol	94 ca	10	142
Terphenyl-d14	108	41	138

Tentative ID	CAS #	Qual.	Conc.
Propanoic acid, 2-methyl-, 3-met...	002050-01-3	72	12
Unknown	Not Applicable	47	9.9
Benzeneacetic acid, .alpha.-oxo-...	001603-79-8	78	2.9
Cyclopropane, octyl-	001472-09-9	50	2.8
Unknown	Not Applicable	12	2.7
1-Octene, 3-ethyl-	074630-08-3	53	2.3
Unknown	Not Applicable	43	2.0
Unknown	Not Applicable	38	1.6
Unknown	Not Applicable	40	1.2
2-Heptene, 5-ethyl-2,4-dimethyl-	074421-06-0	64	1.1
Phenol, 3-(1,1-dimethylethyl)-	000585-34-2	76	1.0
2,5-Heptadien-4-one, 2,6-dimethyl-	000504-20-1	59	0.99
2-Hexene, 3,5,5-trimethyl-	026456-76-8	59	0.91

Note: Only compounds with a spectral quality of 50 or greater have been reported.

Date of Report: 10/07/22
Date Received: 09/29/22
Project: PACCAR 1353-001, F&BI 209495

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Phenol	ug/L (ppb)	5	18	16	10-30	12
Bis(2-chloroethyl) ether	ug/L (ppb)	5	71	70	43-117	1
2-Chlorophenol	ug/L (ppb)	5	57	61	21-97	7
1,3-Dichlorobenzene	ug/L (ppb)	5	75	73	39-102	3
1,4-Dichlorobenzene	ug/L (ppb)	5	78	76	41-103	3
1,2-Dichlorobenzene	ug/L (ppb)	5	77	76	43-105	1
Benzyl alcohol	ug/L (ppb)	25	45	45	14-82	0
2,2'-Oxybis(1-chloropropane)	ug/L (ppb)	5	79	71	51-110	11
2-Methylphenol	ug/L (ppb)	5	52	53	19-77	2
Hexachloroethane	ug/L (ppb)	5	79	68	39-104	15
N-Nitroso-di-n-propylamine	ug/L (ppb)	5	81	74	60-114	9
3-Methylphenol + 4-Methylphenol	ug/L (ppb)	5	42	37	14-63	13
Nitrobenzene	ug/L (ppb)	5	91	91	53-114	0
Isophorone	ug/L (ppb)	5	101	106	62-113	5
2-Nitrophenol	ug/L (ppb)	5	88	93	41-117	6
2,4-Dimethylphenol	ug/L (ppb)	5	71	76	23-105	7
Benzoic acid	ug/L (ppb)	40	9 vo	8 vo	10-25	12
Bis(2-chloroethoxy)methane	ug/L (ppb)	5	81	81	56-111	0
2,4-Dichlorophenol	ug/L (ppb)	5	77	78	34-113	1
1,2,4-Trichlorobenzene	ug/L (ppb)	5	79	82	48-104	4
Naphthalene	ug/L (ppb)	5	74	75	50-104	1
Hexachlorobutadiene	ug/L (ppb)	5	84	87	40-107	4
4-Chloroaniline	ug/L (ppb)	25	76	77	34-120	1
4-Chloro-3-methylphenol	ug/L (ppb)	5	70	75	34-111	7
2-Methylnaphthalene	ug/L (ppb)	5	78	76	54-109	3
1-Methylnaphthalene	ug/L (ppb)	5	82	77	55-108	6
Hexachlorocyclopentadiene	ug/L (ppb)	5	95	77	34-126	21 vo
2,4,6-Trichlorophenol	ug/L (ppb)	5	80	74	28-125	8
2,4,5-Trichlorophenol	ug/L (ppb)	5	82	73	39-120	12
2-Chloronaphthalene	ug/L (ppb)	5	86	81	57-130	6
2-Nitroaniline	ug/L (ppb)	25	105	99	51-146	6
Dimethyl phthalate	ug/L (ppb)	5	89	83	64-118	7
Acenaphthylene	ug/L (ppb)	5	84	74	60-114	13
2,6-Dinitrotoluene	ug/L (ppb)	5	105	94	66-121	11
3-Nitroaniline	ug/L (ppb)	25	90	93	42-134	3
Acenaphthene	ug/L (ppb)	5	82	83	57-110	1
2,4-Dinitrophenol	ug/L (ppb)	10	108	104	10-171	4
Dibenzofuran	ug/L (ppb)	5	79	79	52-116	0
2,4-Dinitrotoluene	ug/L (ppb)	5	94	98	55-127	4
4-Nitrophenol	ug/L (ppb)	10	21	22	10-46	5
Diethyl phthalate	ug/L (ppb)	5	86	92	63-118	7
Fluorene	ug/L (ppb)	5	85	86	61-115	1
4-Chlorophenyl phenyl ether	ug/L (ppb)	5	81	86	61-112	6
N-Nitrosodiphenylamine	ug/L (ppb)	5	107	110	63-116	3
4-Nitroaniline	ug/L (ppb)	25	85	80	42-150	6
4,6-Dinitro-2-methylphenol	ug/L (ppb)	5	156 vo	157 vo	13-152	1
4-Bromophenyl phenyl ether	ug/L (ppb)	5	115	98	62-115	16
Hexachlorobenzene	ug/L (ppb)	5	119 vo	101	60-113	16
Pentachlorophenol	ug/L (ppb)	5	102	101	14-137	1
Phenanthrene	ug/L (ppb)	5	86	86	63-113	0
Anthracene	ug/L (ppb)	5	81	82	65-117	1
Carbazole	ug/L (ppb)	5	86	86	67-131	0
Di-n-butyl phthalate	ug/L (ppb)	5	77	81	37-135	5
Fluoranthene	ug/L (ppb)	5	88	91	68-121	3
Pyrene	ug/L (ppb)	5	79	72	66-125	9
Benzyl butyl phthalate	ug/L (ppb)	5	77	76	56-128	1
Benz(a)anthracene	ug/L (ppb)	5	90	91	70-130	1
Chrysene	ug/L (ppb)	5	94	106	67-119	12
Bis(2-ethylhexyl) phthalate	ug/L (ppb)	5	86	94	57-124	9
Di-n-octyl phthalate	ug/L (ppb)	5	70	75	43-132	7
Benzo(a)pyrene	ug/L (ppb)	5	86	91	68-126	6
Benzo(b)fluoranthene	ug/L (ppb)	5	103	109	62-130	6
Benzo(k)fluoranthene	ug/L (ppb)	5	87	94	67-125	8
Indeno(1,2,3-cd)pyrene	ug/L (ppb)	5	104	108	63-131	4
Dibenz(a,h)anthracene	ug/L (ppb)	5	102	106	62-133	4
Benzo(g,h,i)perylene	ug/L (ppb)	5	96	98	57-133	2

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

209495 09-29-22 E03

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA 98027

Phone 425 295 0800 Email aosman@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: PACCAR

PO #: 1353 -001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

Page # 1 of 1

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24 hr
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	BTEX, MTBE, EDB/EDC VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	TAL Metals	SVOC+TIC			Notes
NE Corner Pipe Liquid - 220929	01 A-D	9-29-22	1415	water	4				(X)	X	X	X	X	(X)			HCID only at this time per PIC 9/29/22 MG
																	SVOC+TIC 9/30/22 MG
																	3-day TAT

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Angie Osman	Farallon	9-29-22	1600
Received by:	Liz Wember-Bux	F?B	9/29/22	1600
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 12, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on October 6, 2022 from the Paccar 1353-001, F&BI 210073 project. There are 20 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1012R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on October 6, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 210073 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
210073 -01	TP-75-6.5
210073 -02	TP-74-6.5
210073 -03	TP-76-8.0
210073 -04	TP-77-5.5
210073 -05	TP-80-5.5
210073 -06	TP-78-5.5
210073 -07	TP-79-5.5

The 8260D calibration standard failed the acceptance criteria for methylene chloride in the method blank. The data were flagged accordingly.

Several 8260D compounds failed below the acceptance criteria in the matrix spike samples. The laboratory control samples met the acceptance criteria, therefore the data were likely due to sample matrix effect.

The 8260D laboratory control sample exceeded the acceptance criteria for several analytes. The compounds were not detected, therefore the data were acceptable.

All other quality control requirements were acceptable.

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073
Date Extracted: 10/06/22
Date Analyzed: 10/07/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-77-5.5 210073-04	<50	<250	111
Method Blank 02-2423 MB	<50	<250	120

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-75-6.5	Client:	Farallon Consulting, LLC
Date Received:	10/06/22	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/06/22	Lab ID:	210073-01
Date Analyzed:	10/06/22	Data File:	100639.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	LM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	109
Toluene-d8	96	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-74-6.5	Client:	Farallon Consulting, LLC
Date Received:	10/06/22	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/06/22	Lab ID:	210073-02
Date Analyzed:	10/06/22	Data File:	100640.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	LM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	109
Toluene-d8	97	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-76-8.0	Client:	Farallon Consulting, LLC
Date Received:	10/06/22	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/06/22	Lab ID:	210073-03
Date Analyzed:	10/06/22	Data File:	100641.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	LM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	109
Toluene-d8	97	89	112
4-Bromofluorobenzene	103	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/06/22	Lab ID:	02-2319 mb
Date Analyzed:	10/06/22	Data File:	100606.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	LM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	79	128
Toluene-d8	98	84	121
4-Bromofluorobenzene	97	84	116

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5 ca	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-75-6.5	Client:	Farallon Consulting, LLC
Date Received:	10/06/22	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/10/22	Lab ID:	210073-01 1/25
Date Analyzed:	10/10/22	Data File:	101018.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	65 d	14	115
Phenol-d6	77 d	29	121
Nitrobenzene-d5	76 d	16	137
2-Fluorobiphenyl	82 d	46	122
2,4,6-Tribromophenol	74 d	17	154
Terphenyl-d14	82 d	31	167

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<2.5	2,6-Dinitrotoluene	<1.2
Bis(2-chloroethyl) ether	<0.25	3-Nitroaniline	<25
2-Chlorophenol	<2.5	Acenaphthene	0.27
1,3-Dichlorobenzene	<0.25	2,4-Dinitrophenol	<7.5
1,4-Dichlorobenzene	<0.25	Dibenzofuran	<0.25
1,2-Dichlorobenzene	<0.25	2,4-Dinitrotoluene	<1.2
Benzyl alcohol	<2.5	4-Nitrophenol	<7.5
2,2'-Oxybis(1-chloropropane)	<0.25	Diethyl phthalate	<2.5
2-Methylphenol	<2.5	Fluorene	0.13
Hexachloroethane	<0.25	4-Chlorophenyl phenyl ether	<0.25
N-Nitroso-di-n-propylamine	<0.25	N-Nitrosodiphenylamine	<0.25
3-Methylphenol + 4-Methylphenol	<5	4-Nitroaniline	<25
Nitrobenzene	<0.25	4,6-Dinitro-2-methylphenol	<7.5
Isophorone	<0.25	4-Bromophenyl phenyl ether	<0.25
2-Nitrophenol	<2.5	Hexachlorobenzene	<0.25
2,4-Dimethylphenol	<2.5	Pentachlorophenol	<1.2
Benzoic acid	<12	Phenanthrene	2.2
Bis(2-chloroethoxy)methane	<0.25	Anthracene	0.32
2,4-Dichlorophenol	<2.5	Carbazole	<0.25
1,2,4-Trichlorobenzene	<0.25	Di-n-butyl phthalate	<2.5
Naphthalene	0.059	Fluoranthene	2.1
Hexachlorobutadiene	<0.25	Pyrene	1.5
4-Chloroaniline	<25	Benzyl butyl phthalate	<2.5
4-Chloro-3-methylphenol	<2.5	Benz(a)anthracene	0.56
2-Methylnaphthalene	<0.05	Chrysene	0.61
1-Methylnaphthalene	0.059	Bis(2-ethylhexyl) phthalate	<4
Hexachlorocyclopentadiene	<0.75	Di-n-octyl phthalate	<2.5
2,4,6-Trichlorophenol	<2.5	Benzo(a)pyrene	0.50
2,4,5-Trichlorophenol	<2.5	Benzo(b)fluoranthene	0.55
2-Chloronaphthalene	<0.25	Benzo(k)fluoranthene	0.18
2-Nitroaniline	<1.2	Indeno(1,2,3-cd)pyrene	0.26
Dimethyl phthalate	<2.5	Dibenz(a,h)anthracene	0.063
Acenaphthylene	<0.05	Benzo(g,h,i)perylene	0.24

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-74-6.5	Client:	Farallon Consulting, LLC
Date Received:	10/06/22	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/10/22	Lab ID:	210073-02 1/5
Date Analyzed:	10/10/22	Data File:	101020.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	63	14	115
Phenol-d6	72	29	121
Nitrobenzene-d5	73	16	137
2-Fluorobiphenyl	77	46	122
2,4,6-Tribromophenol	73	17	154
Terphenyl-d14	79	31	167

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.5	2,6-Dinitrotoluene	<0.25
Bis(2-chloroethyl) ether	<0.05	3-Nitroaniline	<5
2-Chlorophenol	<0.5	Acenaphthene	<0.01
1,3-Dichlorobenzene	<0.05	2,4-Dinitrophenol	<1.5
1,4-Dichlorobenzene	<0.05	Dibenzofuran	<0.05
1,2-Dichlorobenzene	<0.05	2,4-Dinitrotoluene	<0.25
Benzyl alcohol	<0.5	4-Nitrophenol	<1.5
2,2'-Oxybis(1-chloropropane)	<0.05	Diethyl phthalate	<0.5
2-Methylphenol	<0.5	Fluorene	<0.01
Hexachloroethane	<0.05	4-Chlorophenyl phenyl ether	<0.05
N-Nitroso-di-n-propylamine	<0.05	N-Nitrosodiphenylamine	<0.05
3-Methylphenol + 4-Methylphenol	<1	4-Nitroaniline	<5
Nitrobenzene	<0.05	4,6-Dinitro-2-methylphenol	<1.5
Isophorone	<0.05	4-Bromophenyl phenyl ether	<0.05
2-Nitrophenol	<0.5	Hexachlorobenzene	<0.05
2,4-Dimethylphenol	<0.5	Pentachlorophenol	<0.25
Benzoic acid	<2.5	Phenanthrene	0.017
Bis(2-chloroethoxy)methane	<0.05	Anthracene	<0.01
2,4-Dichlorophenol	<0.5	Carbazole	<0.05
1,2,4-Trichlorobenzene	<0.05	Di-n-butyl phthalate	<0.5
Naphthalene	<0.01	Fluoranthene	0.021
Hexachlorobutadiene	<0.05	Pyrene	0.019
4-Chloroaniline	<5	Benzyl butyl phthalate	<0.5
4-Chloro-3-methylphenol	<0.5	Benz(a)anthracene	<0.01
2-Methylnaphthalene	<0.01	Chrysene	0.011
1-Methylnaphthalene	<0.01	Bis(2-ethylhexyl) phthalate	<0.8
Hexachlorocyclopentadiene	<0.15	Di-n-octyl phthalate	<0.5
2,4,6-Trichlorophenol	<0.5	Benzo(a)pyrene	<0.01
2,4,5-Trichlorophenol	<0.5	Benzo(b)fluoranthene	0.012
2-Chloronaphthalene	<0.05	Benzo(k)fluoranthene	<0.01
2-Nitroaniline	<0.25	Indeno(1,2,3-cd)pyrene	<0.01
Dimethyl phthalate	<0.5	Dibenz(a,h)anthracene	<0.01
Acenaphthylene	<0.01	Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-76-8.0	Client:	Farallon Consulting, LLC
Date Received:	10/06/22	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/10/22	Lab ID:	210073-03 1/5
Date Analyzed:	10/10/22	Data File:	101017.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	63	14	115
Phenol-d6	71	29	121
Nitrobenzene-d5	72	16	137
2-Fluorobiphenyl	76	46	122
2,4,6-Tribromophenol	94	17	154
Terphenyl-d14	79	31	167

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.5	2,6-Dinitrotoluene	<0.25
Bis(2-chloroethyl) ether	<0.05	3-Nitroaniline	<5
2-Chlorophenol	<0.5	Acenaphthene	<0.01
1,3-Dichlorobenzene	<0.05	2,4-Dinitrophenol	<1.5
1,4-Dichlorobenzene	<0.05	Dibenzofuran	<0.05
1,2-Dichlorobenzene	<0.05	2,4-Dinitrotoluene	<0.25
Benzyl alcohol	<0.5	4-Nitrophenol	<1.5
2,2'-Oxybis(1-chloropropane)	<0.05	Diethyl phthalate	<0.5
2-Methylphenol	<0.5	Fluorene	<0.01
Hexachloroethane	<0.05	4-Chlorophenyl phenyl ether	<0.05
N-Nitroso-di-n-propylamine	<0.05	N-Nitrosodiphenylamine	<0.05
3-Methylphenol + 4-Methylphenol	<1	4-Nitroaniline	<5
Nitrobenzene	<0.05	4,6-Dinitro-2-methylphenol	<1.5
Isophorone	<0.05	4-Bromophenyl phenyl ether	<0.05
2-Nitrophenol	<0.5	Hexachlorobenzene	<0.05
2,4-Dimethylphenol	<0.5	Pentachlorophenol	<0.25
Benzoic acid	<2.5	Phenanthrene	0.031
Bis(2-chloroethoxy)methane	<0.05	Anthracene	<0.01
2,4-Dichlorophenol	<0.5	Carbazole	<0.05
1,2,4-Trichlorobenzene	<0.05	Di-n-butyl phthalate	<0.5
Naphthalene	<0.01	Fluoranthene	0.033
Hexachlorobutadiene	<0.05	Pyrene	0.023
4-Chloroaniline	<5	Benzyl butyl phthalate	<0.5
4-Chloro-3-methylphenol	<0.5	Benz(a)anthracene	0.012
2-Methylnaphthalene	<0.01	Chrysene	0.013
1-Methylnaphthalene	<0.01	Bis(2-ethylhexyl) phthalate	<0.8
Hexachlorocyclopentadiene	<0.15	Di-n-octyl phthalate	<0.5
2,4,6-Trichlorophenol	<0.5	Benzo(a)pyrene	0.010
2,4,5-Trichlorophenol	<0.5	Benzo(b)fluoranthene	0.012
2-Chloronaphthalene	<0.05	Benzo(k)fluoranthene	<0.01
2-Nitroaniline	<0.25	Indeno(1,2,3-cd)pyrene	<0.01
Dimethyl phthalate	<0.5	Dibenz(a,h)anthracene	<0.01
Acenaphthylene	<0.01	Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-77-5.5	Client:	Farallon Consulting, LLC
Date Received:	10/06/22	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/06/22	Lab ID:	210073-04 1/5
Date Analyzed:	10/06/22	Data File:	100623.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	78	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/06/22	Lab ID:	02-2410 mb2 1/5
Date Analyzed:	10/06/22	Data File:	100622.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	87	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 210073
Date Extracted:	10/10/22	Lab ID:	02-2447 mb 1/5
Date Analyzed:	10/10/22	Data File:	101012.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	77	14	115
Phenol-d6	84	29	121
Nitrobenzene-d5	81	16	137
2-Fluorobiphenyl	87	46	122
2,4,6-Tribromophenol	100	17	154
Terphenyl-d14	87	31	167

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Phenol	<0.5	2,6-Dinitrotoluene	<0.25
Bis(2-chloroethyl) ether	<0.05	3-Nitroaniline	<5
2-Chlorophenol	<0.5	Acenaphthene	<0.01
1,3-Dichlorobenzene	<0.05	2,4-Dinitrophenol	<1.5
1,4-Dichlorobenzene	<0.05	Dibenzofuran	<0.05
1,2-Dichlorobenzene	<0.05	2,4-Dinitrotoluene	<0.25
Benzyl alcohol	<0.5	4-Nitrophenol	<1.5
2,2'-Oxybis(1-chloropropane)	<0.05	Diethyl phthalate	<0.5
2-Methylphenol	<0.5	Fluorene	<0.01
Hexachloroethane	<0.05	4-Chlorophenyl phenyl ether	<0.05
N-Nitroso-di-n-propylamine	<0.05	N-Nitrosodiphenylamine	<0.05
3-Methylphenol + 4-Methylphenol	<1	4-Nitroaniline	<5
Nitrobenzene	<0.05	4,6-Dinitro-2-methylphenol	<1.5
Isophorone	<0.05	4-Bromophenyl phenyl ether	<0.05
2-Nitrophenol	<0.5	Hexachlorobenzene	<0.05
2,4-Dimethylphenol	<0.5	Pentachlorophenol	<0.25
Benzoic acid	<2.5	Phenanthrene	<0.01
Bis(2-chloroethoxy)methane	<0.05	Anthracene	<0.01
2,4-Dichlorophenol	<0.5	Carbazole	<0.05
1,2,4-Trichlorobenzene	<0.05	Di-n-butyl phthalate	<0.5
Naphthalene	<0.01	Fluoranthene	<0.01
Hexachlorobutadiene	<0.05	Pyrene	<0.01
4-Chloroaniline	<5	Benzyl butyl phthalate	<0.5
4-Chloro-3-methylphenol	<0.5	Benz(a)anthracene	<0.01
2-Methylnaphthalene	<0.01	Chrysene	<0.01
1-Methylnaphthalene	<0.01	Bis(2-ethylhexyl) phthalate	<0.8
Hexachlorocyclopentadiene	<0.15	Di-n-octyl phthalate	<0.5
2,4,6-Trichlorophenol	<0.5	Benzo(a)pyrene	<0.01
2,4,5-Trichlorophenol	<0.5	Benzo(b)fluoranthene	<0.01
2-Chloronaphthalene	<0.05	Benzo(k)fluoranthene	<0.01
2-Nitroaniline	<0.25	Indeno(1,2,3-cd)pyrene	<0.01
Dimethyl phthalate	<0.5	Dibenz(a,h)anthracene	<0.01
Acenaphthylene	<0.01	Benzo(g,h,i)perylene	<0.01

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 210049-21 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	100	100	73-135	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	116	74-139

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 210072-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	16 vo	17 vo	50-150	6
Chloromethane	mg/kg (ppm)	1.0	<0.5	46 vo	50	50-150	8
Vinyl chloride	mg/kg (ppm)	1.0	<0.05	48 vo	50	50-150	4
Bromomethane	mg/kg (ppm)	1.0	<0.5	62	62	50-150	0
Chloroethane	mg/kg (ppm)	1.0	<0.5	58	62	50-150	7
Trichlorofluoromethane	mg/kg (ppm)	1.0	<0.5	47 vo	50	50-150	6
Acetone	mg/kg (ppm)	5.0	<5	163 vo	137	50-150	17
1,1-Dichloroethene	mg/kg (ppm)	1.0	<0.05	64	68	50-150	6
Hexane	mg/kg (ppm)	1.0	<0.25	37 vo	41 vo	50-150	10
Methylene chloride	mg/kg (ppm)	1.0	<0.5	76	92	50-150	19
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1.0	<0.05	78	83	50-150	6
trans-1,2-Dichloroethene	mg/kg (ppm)	1.0	<0.05	70	74	50-150	6
1,1-Dichloroethane	mg/kg (ppm)	1.0	<0.05	76	82	50-150	8
2,2-Dichloropropane	mg/kg (ppm)	1.0	<0.05	60	63	50-150	5
cis-1,2-Dichloroethene	mg/kg (ppm)	1.0	<0.05	78	88	50-150	12
Chloroform	mg/kg (ppm)	1.0	<0.05	77	82	50-150	6
2-Butanone (MEK)	mg/kg (ppm)	5.0	<1	112	94	50-150	17
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1.0	<0.05	78	80	50-150	3
1,1,1-Trichloroethane	mg/kg (ppm)	1.0	<0.05	76	82	50-150	8
1,1-Dichloropropene	mg/kg (ppm)	1.0	<0.05	76	79	50-150	4
Carbon tetrachloride	mg/kg (ppm)	1.0	<0.05	70	75	50-150	7
Benzene	mg/kg (ppm)	1.0	<0.03	80	83	50-150	4
Trichloroethene	mg/kg (ppm)	1.0	<0.02	96	100	50-150	4
1,2-Dichloropropane	mg/kg (ppm)	1.0	<0.05	78	81	50-150	4
Bromodichloromethane	mg/kg (ppm)	1.0	<0.05	80	77	50-150	4
Dibromomethane	mg/kg (ppm)	1.0	<0.05	83	81	50-150	2
4-Methyl-2-pentanone	mg/kg (ppm)	5.0	<1	84	82	50-150	2
cis-1,3-Dichloropropene	mg/kg (ppm)	1.0	<0.05	74	67	50-150	10
Toluene	mg/kg (ppm)	1.0	<0.05	74	72	50-150	3
trans-1,3-Dichloropropene	mg/kg (ppm)	1.0	<0.05	65	61	50-150	6
1,1,2-Trichloroethane	mg/kg (ppm)	1.0	<0.05	72	69	50-150	4
2-Hexanone	mg/kg (ppm)	5.0	<0.5	85	80	50-150	6
1,3-Dichloropropane	mg/kg (ppm)	1.0	<0.05	79	72	50-150	9
Tetrachloroethene	mg/kg (ppm)	1.0	<0.025	71	70	50-150	1
Dibromochloromethane	mg/kg (ppm)	1.0	<0.05	71	67	50-150	6
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1.0	<0.05	75	71	50-150	5
Chlorobenzene	mg/kg (ppm)	1.0	<0.05	75	72	50-150	4
Ethylbenzene	mg/kg (ppm)	1.0	<0.05	75	76	50-150	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1.0	<0.05	75	78	50-150	4
m,p-Xylene	mg/kg (ppm)	2.0	<0.1	74	75	50-150	1
o-Xylene	mg/kg (ppm)	1.0	<0.05	76	78	50-150	3
Styrene	mg/kg (ppm)	1.0	<0.05	75	74	50-150	1
Isopropylbenzene	mg/kg (ppm)	1.0	<0.05	75	76	50-150	1
Bromoform	mg/kg (ppm)	1.0	<0.05	65	66	50-150	2
n-Propylbenzene	mg/kg (ppm)	1.0	<0.05	72	73	50-150	1
Bromobenzene	mg/kg (ppm)	1.0	<0.05	70	71	50-150	1
1,3,5-Trimethylbenzene	mg/kg (ppm)	1.0	<0.05	71	72	50-150	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1.0	<0.05	55	54	50-150	2
1,2,3-Trichloropropane	mg/kg (ppm)	1.0	<0.05	73	73	50-150	0
2-Chlorotoluene	mg/kg (ppm)	1.0	<0.05	71	72	50-150	1
4-Chlorotoluene	mg/kg (ppm)	1.0	<0.05	71	73	50-150	3
tert-Butylbenzene	mg/kg (ppm)	1.0	<0.05	74	71	50-150	4
1,2,4-Trimethylbenzene	mg/kg (ppm)	1.0	<0.05	69	70	50-150	1
sec-Butylbenzene	mg/kg (ppm)	1.0	<0.05	71	72	50-150	1
p-Isopropyltoluene	mg/kg (ppm)	1.0	<0.05	70	71	50-150	1
1,3-Dichlorobenzene	mg/kg (ppm)	1.0	<0.05	70	71	50-150	1
1,4-Dichlorobenzene	mg/kg (ppm)	1.0	<0.05	73	75	50-150	3
1,2-Dichlorobenzene	mg/kg (ppm)	1.0	<0.05	71	72	50-150	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1.0	<0.5	67	63	50-150	6
1,2,4-Trichlorobenzene	mg/kg (ppm)	1.0	<0.25	67	63	50-150	6
Hexachlorobutadiene	mg/kg (ppm)	1.0	<0.25	64	61	50-150	5
Naphthalene	mg/kg (ppm)	1.0	<0.05	66	63	50-150	5
1,2,3-Trichlorobenzene	mg/kg (ppm)	1.0	<0.25	62	61	50-150	2

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1.0	67	10-150
Chloromethane	mg/kg (ppm)	1.0	81	21-140
Vinyl chloride	mg/kg (ppm)	1.0	91	35-135
Bromomethane	mg/kg (ppm)	1.0	98	20-151
Chloroethane	mg/kg (ppm)	1.0	96	21-147
Trichlorofluoromethane	mg/kg (ppm)	1.0	98	47-143
Acetone	mg/kg (ppm)	5.0	237 vo	13-169
1,1-Dichloroethene	mg/kg (ppm)	1.0	106	49-138
Hexane	mg/kg (ppm)	1.0	123	61-141
Methylene chloride	mg/kg (ppm)	1.0	47	25-146
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1.0	111	65-129
trans-1,2-Dichloroethene	mg/kg (ppm)	1.0	108	62-126
1,1-Dichloroethane	mg/kg (ppm)	1.0	113	64-131
2,2-Dichloropropane	mg/kg (ppm)	1.0	127	76-150
cis-1,2-Dichloroethene	mg/kg (ppm)	1.0	116	62-127
Chloroform	mg/kg (ppm)	1.0	119	67-129
2-Butanone (MEK)	mg/kg (ppm)	5.0	179 vo	19-171
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1.0	114	73-123
1,1,1-Trichloroethane	mg/kg (ppm)	1.0	115	66-125
1,1-Dichloropropene	mg/kg (ppm)	1.0	116	70-131
Carbon tetrachloride	mg/kg (ppm)	1.0	113	53-135
Benzene	mg/kg (ppm)	1.0	119	70-130
Trichloroethene	mg/kg (ppm)	1.0	121 vo	62-116
1,2-Dichloropropane	mg/kg (ppm)	1.0	118	70-130
Bromodichloromethane	mg/kg (ppm)	1.0	117	70-130
Dibromomethane	mg/kg (ppm)	1.0	120	70-130
4-Methyl-2-pentanone	mg/kg (ppm)	5.0	128	64-137
cis-1,3-Dichloropropene	mg/kg (ppm)	1.0	121	68-137
Toluene	mg/kg (ppm)	1.0	116	70-130
trans-1,3-Dichloropropene	mg/kg (ppm)	1.0	112	70-130
1,1,2-Trichloroethane	mg/kg (ppm)	1.0	112	70-130
2-Hexanone	mg/kg (ppm)	5.0	165 vo	55-145
1,3-Dichloropropane	mg/kg (ppm)	1.0	119	70-130
Tetrachloroethene	mg/kg (ppm)	1.0	117	69-131
Dibromochloromethane	mg/kg (ppm)	1.0	117	61-137
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1.0	116	70-130
Chlorobenzene	mg/kg (ppm)	1.0	115	70-130
Ethylbenzene	mg/kg (ppm)	1.0	117	70-130
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1.0	116	56-134
m,p-Xylene	mg/kg (ppm)	2.0	116	70-130
o-Xylene	mg/kg (ppm)	1.0	118	70-130
Styrene	mg/kg (ppm)	1.0	117	70-130
Isopropylbenzene	mg/kg (ppm)	1.0	118	67-131
Bromoform	mg/kg (ppm)	1.0	112	70-130
n-Propylbenzene	mg/kg (ppm)	1.0	117	70-130
Bromobenzene	mg/kg (ppm)	1.0	111	70-130
1,3,5-Trimethylbenzene	mg/kg (ppm)	1.0	115	70-130
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1.0	110	70-130
1,2,3-Trichloropropane	mg/kg (ppm)	1.0	112	70-130
2-Chlorotoluene	mg/kg (ppm)	1.0	117	70-130
4-Chlorotoluene	mg/kg (ppm)	1.0	116	70-130
tert-Butylbenzene	mg/kg (ppm)	1.0	119	70-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1.0	114	70-130
sec-Butylbenzene	mg/kg (ppm)	1.0	118	68-131
p-Isopropyltoluene	mg/kg (ppm)	1.0	118	70-130
1,3-Dichlorobenzene	mg/kg (ppm)	1.0	115	70-130
1,4-Dichlorobenzene	mg/kg (ppm)	1.0	120	70-130
1,2-Dichlorobenzene	mg/kg (ppm)	1.0	113	70-130
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1.0	104	70-130
1,2,4-Trichlorobenzene	mg/kg (ppm)	1.0	116	66-140
Hexachlorobutadiene	mg/kg (ppm)	1.0	115	67-141
Naphthalene	mg/kg (ppm)	1.0	107	69-119
1,2,3-Trichlorobenzene	mg/kg (ppm)	1.0	110	66-138

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 210034-22 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	83	82	37-146	1
Chrysene	mg/kg (ppm)	0.83	<0.01	82	84	36-144	2
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	83	82	40-150	1
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	80	81	45-157	1
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	82	81	50-150	1
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	84	83	24-145	1
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	83	82	31-137	1

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	89	64-116
Chrysene	mg/kg (ppm)	0.83	89	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	89	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	86	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	91	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	95	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	93	67-131

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 210073-03 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Phenol	mg/kg (ppm)	0.83	<0.5	71	74	50-150	4
Bis(2-chloroethyl) ether	mg/kg (ppm)	0.83	<0.05	65	72	50-150	10
2-Chlorophenol	mg/kg (ppm)	0.83	<0.5	71	77	50-150	8
1,3-Dichlorobenzene	mg/kg (ppm)	0.83	<0.05	70	74	50-150	6
1,4-Dichlorobenzene	mg/kg (ppm)	0.83	<0.05	71	74	50-150	4
1,2-Dichlorobenzene	mg/kg (ppm)	0.83	<0.05	70	74	50-150	6
Benzyl alcohol	mg/kg (ppm)	4.2	<0.5	75	79	50-150	5
2,2'-Oxybis(1-chloropropane)	mg/kg (ppm)	0.83	<0.05	72	75	50-150	4
2-Methylphenol	mg/kg (ppm)	0.83	<0.5	79	82	50-150	4
Hexachloroethane	mg/kg (ppm)	0.83	<0.05	69	73	50-150	6
N-Nitroso-di-n-propylamine	mg/kg (ppm)	0.83	<0.05	83	84	50-150	1
3-Methylphenol + 4-Methylphenol	mg/kg (ppm)	0.83	<1	80	82	50-150	2
Nitrobenzene	mg/kg (ppm)	0.83	<0.05	69	73	50-150	6
Isophorone	mg/kg (ppm)	0.83	<0.05	88	74	50-150	17
2-Nitrophenol	mg/kg (ppm)	0.83	<0.5	79	83	50-150	5
2,4-Dimethylphenol	mg/kg (ppm)	0.83	<0.5	79	79	35-117	0
Benzoic acid	mg/kg (ppm)	2.5	<2.5	46	40	10-105	14
Bis(2-chloroethoxy)methane	mg/kg (ppm)	0.83	<0.05	74	76	50-150	3
2,4-Dichlorophenol	mg/kg (ppm)	0.83	<0.5	81	86	50-150	6
1,2,4-Trichlorobenzene	mg/kg (ppm)	0.83	<0.05	74	77	50-150	4
Naphthalene	mg/kg (ppm)	0.83	<0.01	72	76	50-150	5
Hexachlorobutadiene	mg/kg (ppm)	0.83	<0.05	72	76	50-150	5
4-Chloroaniline	mg/kg (ppm)	4.2	<5	62	66	40-96	6
4-Chloro-3-methylphenol	mg/kg (ppm)	0.83	<0.5	85	88	50-150	3
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	77	80	50-150	4
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	77	80	50-150	4
Hexachlorocyclopentadiene	mg/kg (ppm)	0.83	<0.15	79	78	27-127	1
2,4,6-Trichlorophenol	mg/kg (ppm)	0.83	<0.5	85	86	35-130	1
2,4,5-Trichlorophenol	mg/kg (ppm)	0.83	<0.5	83	84	43-126	1
2-Chloronaphthalene	mg/kg (ppm)	0.83	<0.05	77	78	50-150	1
2-Nitroaniline	mg/kg (ppm)	4.2	<0.25	86	87	50-150	1
Dimethyl phthalate	mg/kg (ppm)	0.83	<0.5	84	84	50-150	0
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	78	80	50-150	3
2,6-Dinitrotoluene	mg/kg (ppm)	0.83	<0.25	88	88	50-150	0
3-Nitroaniline	mg/kg (ppm)	4.2	<5	72	70	50-150	3
Acenaphthene	mg/kg (ppm)	0.83	<0.01	76	78	50-150	3
2,4-Dinitrophenol	mg/kg (ppm)	1.7	<1.5	90	83	10-141	8
Dibenzofuran	mg/kg (ppm)	0.83	<0.05	79	80	50-150	1
2,4-Dinitrotoluene	mg/kg (ppm)	0.83	<0.25	93	96	50-150	3
4-Nitrophenol	mg/kg (ppm)	1.7	<1.5	101	100	33-142	1
Diethyl phthalate	mg/kg (ppm)	0.83	<0.5	86	89	50-150	3
Fluorene	mg/kg (ppm)	0.83	<0.01	79	82	50-150	4
4-Chlorophenyl phenyl ether	mg/kg (ppm)	0.83	<0.05	85	87	50-150	2
N-Nitrosodiphenylamine	mg/kg (ppm)	0.83	<0.05	85	85	50-150	0
4-Nitroaniline	mg/kg (ppm)	4.2	<5	82	80	50-150	2
4,6-Dinitro-2-methylphenol	mg/kg (ppm)	0.83	<1.5	99	96	33-144	3
4-Bromophenyl phenyl ether	mg/kg (ppm)	0.83	<0.05	85	86	50-150	1
Hexachlorobenzene	mg/kg (ppm)	0.83	<0.05	82	84	50-150	2
Pentachlorophenol	mg/kg (ppm)	0.83	<0.25	89	84	15-159	6
Phenanthrene	mg/kg (ppm)	0.83	0.023	77	81	10-170	5
Anthracene	mg/kg (ppm)	0.83	<0.01	77	80	50-150	4
Carbazole	mg/kg (ppm)	0.83	<0.05	87	85	50-150	2
Di-n-butyl phthalate	mg/kg (ppm)	0.83	<0.5	82	93	50-150	13
Fluoranthene	mg/kg (ppm)	0.83	0.025	81	85	10-203	5
Pyrene	mg/kg (ppm)	0.83	0.017	74	78	10-208	5
Benzyl butyl phthalate	mg/kg (ppm)	0.83	<0.5	89	92	50-150	3
Benz(a)anthracene	mg/kg (ppm)	0.83	0.0092	79	82	37-146	4
Chrysene	mg/kg (ppm)	0.83	0.0094	77	81	36-144	5
Bis(2-ethylhexyl) phthalate	mg/kg (ppm)	0.83	<0.8	95	94	50-150	1
Di-n-octyl phthalate	mg/kg (ppm)	0.83	<0.5	117	135	10-243	14
Benzo(a)pyrene	mg/kg (ppm)	0.83	0.0075	80	86	40-150	7
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	0.0089	82	94	45-157	14
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	89	50-150	9
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	72	62	24-145	15
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	73	62	31-137	16
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	65	53	14-141	20

Date of Report: 10/12/22
Date Received: 10/06/22
Project: Paccar 1353-001, F&BI 210073

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Phenol	mg/kg (ppm)	0.83	81	64-106
Bis(2-chloroethyl) ether	mg/kg (ppm)	0.83	76	60-96
2-Chlorophenol	mg/kg (ppm)	0.83	82	63-103
1,3-Dichlorobenzene	mg/kg (ppm)	0.83	79	58-100
1,4-Dichlorobenzene	mg/kg (ppm)	0.83	80	59-100
1,2-Dichlorobenzene	mg/kg (ppm)	0.83	79	60-101
Benzyl alcohol	mg/kg (ppm)	4.2	84	62-106
2,2'-Oxybis(1-chloropropane)	mg/kg (ppm)	0.83	81	58-97
2-Methylphenol	mg/kg (ppm)	0.83	86	62-107
Hexachloroethane	mg/kg (ppm)	0.83	78	59-102
N-Nitroso-di-n-propylamine	mg/kg (ppm)	0.83	85	64-112
3-Methylphenol + 4-Methylphenol	mg/kg (ppm)	0.83	87	63-110
Nitrobenzene	mg/kg (ppm)	0.83	79	56-98
Isophorone	mg/kg (ppm)	0.83	76	52-127
2-Nitrophenol	mg/kg (ppm)	0.83	87	64-112
2,4-Dimethylphenol	mg/kg (ppm)	0.83	83	31-105
Benzoic acid	mg/kg (ppm)	2.5	64	38-96
Bis(2-chloroethoxy)methane	mg/kg (ppm)	0.83	80	64-103
2,4-Dichlorophenol	mg/kg (ppm)	0.83	87	62-112
1,2,4-Trichlorobenzene	mg/kg (ppm)	0.83	82	61-104
Naphthalene	mg/kg (ppm)	0.83	80	61-102
Hexachlorobutadiene	mg/kg (ppm)	0.83	83	54-97
4-Chloroaniline	mg/kg (ppm)	4.2	75	36-111
4-Chloro-3-methylphenol	mg/kg (ppm)	0.83	93	63-116
2-Methylnaphthalene	mg/kg (ppm)	0.83	86	62-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	85	62-108
Hexachlorocyclopentadiene	mg/kg (ppm)	0.83	88	53-119
2,4,6-Trichlorophenol	mg/kg (ppm)	0.83	90	61-114
2,4,5-Trichlorophenol	mg/kg (ppm)	0.83	87	64-121
2-Chloronaphthalene	mg/kg (ppm)	0.83	84	62-112
2-Nitroaniline	mg/kg (ppm)	4.2	92	30-179
Dimethyl phthalate	mg/kg (ppm)	0.83	92	63-124
Acenaphthylene	mg/kg (ppm)	0.83	86	61-111
2,6-Dinitrotoluene	mg/kg (ppm)	0.83	97	64-124
3-Nitroaniline	mg/kg (ppm)	4.2	89	57-114
Acenaphthene	mg/kg (ppm)	0.83	84	61-110
2,4-Dinitrophenol	mg/kg (ppm)	1.7	102	57-127
Dibenzofuran	mg/kg (ppm)	0.83	86	65-118
2,4-Dinitrotoluene	mg/kg (ppm)	0.83	98	47-146
4-Nitrophenol	mg/kg (ppm)	1.7	99	65-121
Diethyl phthalate	mg/kg (ppm)	0.83	96	63-124
Fluorene	mg/kg (ppm)	0.83	88	62-114
4-Chlorophenyl phenyl ether	mg/kg (ppm)	0.83	92	61-116
N-Nitrosodiphenylamine	mg/kg (ppm)	0.83	88	64-116
4-Nitroaniline	mg/kg (ppm)	4.2	86	63-117
4,6-Dinitro-2-methylphenol	mg/kg (ppm)	0.83	109	67-133
4-Bromophenyl phenyl ether	mg/kg (ppm)	0.83	89	66-118
Hexachlorobenzene	mg/kg (ppm)	0.83	91	57-115
Pentachlorophenol	mg/kg (ppm)	0.83	92	56-130
Phenanthrene	mg/kg (ppm)	0.83	87	64-112
Anthracene	mg/kg (ppm)	0.83	87	63-111
Carbazole	mg/kg (ppm)	0.83	93	68-120
Di-n-butyl phthalate	mg/kg (ppm)	0.83	99	52-130
Fluoranthene	mg/kg (ppm)	0.83	90	66-115
Pyrene	mg/kg (ppm)	0.83	78	65-112
Benzyl butyl phthalate	mg/kg (ppm)	0.83	90	56-131
Benz(a)anthracene	mg/kg (ppm)	0.83	84	64-116
Chrysene	mg/kg (ppm)	0.83	85	66-119
Bis(2-ethylhexyl) phthalate	mg/kg (ppm)	0.83	97	66-124
Di-n-octyl phthalate	mg/kg (ppm)	0.83	104	45-135
Benzo(a)pyrene	mg/kg (ppm)	0.83	86	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	96	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	84	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	92	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	92	67-131
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	88	67-126

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY 10/06/22 VS-A3/B02.

210073

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA

Phone 425-295-0833 Email Sbrown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: Paccar

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: ~~Stuart~~ the project

Page # _____ of _____

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24hr

Rush charges authorized by: S. Brown

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	cPHs	SVOCs			Notes
																	⊗ per SB
TP-75-6.5	01 A-E	10/6/22	1000	SOIL	5					X				⊗			10/10/22 mc
TP-74-6.5	02	"	0940	"	"					X				⊗			
~~TP-76-8.0~~	03	"	~~1042~~	"	"					X				⊗			
TP-77-5.5	04	"	1050	"	"	X							X				
~~TP-78~~ TP-80-5.5	05	"	1110	"	"	X							X				- Hold per SB
TP-78-5.5	06	"	1055	"	1	X							X				- Hold 10/6/22
TP-79-5.5	07	"	1107	"	1	X							X				- Hold mc

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Michael Ysaguirre	Farallon	10/6/22	1328
Received by:	ANH PHAN	F&B	10/06/22	13:29
Relinquished by:				
Received by:		Samples received at 2 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 26, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on October 24, 2022 from the Paccar 1353-001, F&BI 210331 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1026R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 24, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 210331 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
210331 -01	Caulk-NE-Corner-102422

All quality control requirements were acceptable.

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Caulk-NE-Corner-102422	Client:	Farallon Consulting, LLC
Date Received:	10/24/22	Project:	Paccar 1353-001, F&BI 210331
Date Extracted:	10/24/22	Lab ID:	210331-01
Date Analyzed:	10/24/22	Data File:	102409.D
Matrix:	Product	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	77	37	150

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<2
Aroclor 1232	<2
Aroclor 1016	<2
Aroclor 1242	<2
Aroclor 1248	<2
Aroclor 1254	<2
Aroclor 1260	<2
Aroclor 1262	<2
Aroclor 1268	<2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 210331
Date Extracted:	10/24/22	Lab ID:	02-2599 mb
Date Analyzed:	10/24/22	Data File:	102404.D
Matrix:	Product	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	119	37	150

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<2
Aroclor 1232	<2
Aroclor 1016	<2
Aroclor 1242	<2
Aroclor 1248	<2
Aroclor 1254	<2
Aroclor 1260	<2
Aroclor 1262	<2
Aroclor 1268	<2

Date of Report: 10/26/22
Date Received: 10/24/22
Project: Paccar 1353-001, F&BI 210331

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF PRODUCT SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	25	98	113	60-151	14
Aroclor 1260	mg/kg (ppm)	25	103	123	67-169	18

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

210331

SAMPLE CHAIN OF CUSTODY

10/24/22

Page # _____ of _____ COL

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA, 98027

Phone 425 2450800 Email Sbrown@farallonconsulting.com

SAMPLERS (signature) Max-Henry Nilsen

PROJECT NAME: Parcar

PO#: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24hr
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
Caulk-NE Corner-102422	01	10-24-22	0837	Product/Soil	1							X					Hold X pa SB 10/24/22 ME

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nilsen	Max-Henry Nilsen	Farallon	102422	10:00
Received by: Nhan Pham	Nhan Pham	FCBJ	10/24/22	10:00
Relinquished by:				
Received by:		Samples received at 2 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

December 9, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on December 1, 2022 from the Paccar 1353-001, F&BI 212008 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN1209R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on December 1, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 212008 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
212008 -01	Railroad Tie-120122

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Railroad Tie-120122	Client:	Farallon Consulting, LLC
Date Received:	12/01/22	Project:	Paccar 1353-001, F&BI 212008
Date Extracted:	12/02/22	Lab ID:	212008-01 1/2500
Date Analyzed:	12/02/22	Data File:	120215.D
Matrix:	Soil/Solid	Instrument:	GCMS12
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	70 d	10	198
2-Fluorobiphenyl	95 d	45	117
2,4,6-Tribromophenol	160 d	11	158
Terphenyl-d14	105 d	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	140
2-Methylnaphthalene	82
1-Methylnaphthalene	60
Acenaphthylene	11
Acenaphthene	400
Fluorene	310
Phenanthrene	2,400
Anthracene	410
Pyrene	2,300
Benz(a)anthracene	620
Chrysene	1,000
Benzo(a)pyrene	330
Benzo(b)fluoranthene	600
Benzo(k)fluoranthene	220
Indeno(1,2,3-cd)pyrene	130
Dibenz(a,h)anthracene	44
Benzo(g,h,i)perylene	86

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Railroad Tie-120122	Client:	Farallon Consulting, LLC
Date Received:	12/01/22	Project:	Paccar 1353-001, F&BI 212008
Date Extracted:	12/02/22	Lab ID:	212008-01 1/25000
Date Analyzed:	12/06/22	Data File:	120611.D
Matrix:	Soil/Solid	Instrument:	GCMS9
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	0 d	10	198
2-Fluorobiphenyl	100 d	45	117
2,4,6-Tribromophenol	0 d	11	158
Terphenyl-d14	100 d	50	124

Compounds:	Concentration mg/kg (ppm)
Fluoranthene	3,100

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 212008
Date Extracted:	12/02/22	Lab ID:	02-2893 mb2 1/5
Date Analyzed:	12/02/22	Data File:	120216.D
Matrix:	Soil/Solid	Instrument:	GCMS9
Units:	mg/kg (ppm)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	89	10	198
2-Fluorobiphenyl	97	45	117
2,4,6-Tribromophenol	96	11	158
Terphenyl-d14	126 vo	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 12/09/22
Date Received: 12/01/22
Project: Paccar 1353-001, F&BI 212008

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 212002-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	85	89	50-150	5
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	89	97	50-150	9
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	88	95	50-150	8
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	94	98	50-150	4
Acenaphthene	mg/kg (ppm)	0.83	<0.01	89	92	50-150	3
Fluorene	mg/kg (ppm)	0.83	<0.01	93	98	50-150	5
Phenanthrene	mg/kg (ppm)	0.83	<0.01	87	92	10-170	6
Anthracene	mg/kg (ppm)	0.83	<0.01	93	97	50-150	4
Fluoranthene	mg/kg (ppm)	0.83	<0.01	98	101	10-203	3
Pyrene	mg/kg (ppm)	0.83	<0.01	89	91	10-208	2
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	95	99	37-146	4
Chrysene	mg/kg (ppm)	0.83	<0.01	91	94	36-144	3
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	100	105	40-150	5
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	94	104	45-157	10
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	96	99	50-150	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	103	99	24-145	4
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	101	100	31-137	1
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	106	103	14-141	3

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	90	61-102
2-Methylnaphthalene	mg/kg (ppm)	0.83	92	62-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	91	62-108
Acenaphthylene	mg/kg (ppm)	0.83	99	61-111
Acenaphthene	mg/kg (ppm)	0.83	93	61-110
Fluorene	mg/kg (ppm)	0.83	95	62-114
Phenanthrene	mg/kg (ppm)	0.83	96	64-112
Anthracene	mg/kg (ppm)	0.83	97	63-111
Fluoranthene	mg/kg (ppm)	0.83	101	66-115
Pyrene	mg/kg (ppm)	0.83	94	65-112
Benz(a)anthracene	mg/kg (ppm)	0.83	100	64-116
Chrysene	mg/kg (ppm)	0.83	95	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	105	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	101	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	100	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	107	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	106	67-131
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	112	67-126

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY 12/01/22 G1

212008

Page # 1 of 1

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA, 98027

Phone 425 295 0800 Email sbrown@farallon consult.com

SAMPLERS (*signature*)

PROJECT NAME: Paccar

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 5 days
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
Railroad Tie-120122	01	12-01-22	1230	S	1						X						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nilson	Max-Henry Nilson	Farallon	12-01-22	13:28
Received by:	ANHPHAN	F&B	12/01/22	13:28
Relinquished by:				
Received by:		Samples received at 0 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 20, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on September 14, 2022 from the PACCAR Centerpoint 1353-001, F&BI 209198 project. There are 60 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0920R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 14, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Centerpoint 1353-001, F&BI 209198 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
209198 -01	SP-06-01
209198 -02	SP-06-02
209198 -03	SP-06-03
209198 -04	SP-07-01
209198 -05	SP-07-02
209198 -06	SP-07-03
209198 -07	SP-08-01
209198 -08	SP-08-02
209198 -09	SP-08-03
209198 -10	SP-09-01
209198 -11	SP-09-02
209198 -12	SP-09-03
209198 -13	SP-10-01
209198 -14	SP-10-02
209198 -15	SP-10-03
209198 -16	SP-10-04
209198 -17	SP-10-05
209198 -18	SP-10-06
209198 -19	SP-10-07
209198 -20	SP-10-08
209198 -21	SP-10-09
209198 -22	SP-10-10

All quality control requirements were acceptable.

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198
Date Extracted: 09/15/22
Date Analyzed: 09/15/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
SP-06-01 209198-01	<50	<250	96
SP-06-02 209198-02	<50	<250	98
SP-06-03 209198-03	<50	<250	94
SP-07-01 209198-04	<50	<250	106
SP-07-02 209198-05	<50	<250	96
SP-07-03 209198-06	<50	<250	100
SP-08-01 209198-07	<50	<250	100
SP-08-02 209198-08	<50	<250	99
SP-08-03 209198-09	<50	<250	101
SP-09-01 209198-10	<50	<250	113
SP-09-02 209198-11	<50	<250	96

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198
Date Extracted: 09/15/22
Date Analyzed: 09/15/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
SP-09-03 209198-12	<50	<250	99
SP-10-01 209198-13	<50	<250	97
SP-10-02 209198-14	<50	<250	98
SP-10-03 209198-15	<50	<250	95
SP-10-04 209198-16	<50	<250	96
SP-10-05 209198-17	<50	<250	94
SP-10-06 209198-18	<50	<250	95
SP-10-07 209198-19	<50	<250	105
SP-10-08 209198-20	<50	<250	95
SP-10-09 209198-21	<50	<250	98

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198
Date Extracted: 09/15/22
Date Analyzed: 09/15/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
SP-10-10 209198-22	<50	<250	97
Method Blank 02-2205 MB2	<50	<250	92
Method Blank 02-2217 MB	<50	<250	88

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-06-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-01
Date Analyzed:	09/15/22	Data File:	209198-01.119
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.35
Barium	33.8
Cadmium	<1
Chromium	8.64
Lead	9.42
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-06-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-02
Date Analyzed:	09/15/22	Data File:	209198-02.122
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.23
Barium	38.1
Cadmium	<1
Lead	10.7
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-06-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-02 x5
Date Analyzed:	09/16/22	Data File:	209198-02 x5.057
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	17.0

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-06-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-03
Date Analyzed:	09/15/22	Data File:	209198-03.123
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.13
Barium	24.0
Cadmium	<1
Chromium	12.9
Lead	19.6
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-07-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-04
Date Analyzed:	09/15/22	Data File:	209198-04.124
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.32
Barium	36.5
Cadmium	<1
Chromium	9.48
Lead	12.2
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-07-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-05
Date Analyzed:	09/16/22	Data File:	209198-05.060
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.92
Barium	36.0
Cadmium	<1
Chromium	8.25
Lead	3.90
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-07-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-06
Date Analyzed:	09/16/22	Data File:	209198-06.048
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.63
Barium	38.1
Cadmium	<1
Chromium	8.73
Lead	8.06
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-08-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-07
Date Analyzed:	09/16/22	Data File:	209198-07.050
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.88
Barium	62.7
Cadmium	<1
Chromium	19.8
Lead	5.89
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-08-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-08
Date Analyzed:	09/16/22	Data File:	209198-08.051
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.79
Barium	51.1
Cadmium	<1
Chromium	8.79
Lead	6.19
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-08-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-09
Date Analyzed:	09/16/22	Data File:	209198-09.052
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.70
Barium	41.3
Cadmium	<1
Chromium	9.03
Lead	4.53
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-09-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-10
Date Analyzed:	09/16/22	Data File:	209198-10.053
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.95
Barium	61.6
Cadmium	<1
Chromium	11.6
Lead	6.46
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-09-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-11
Date Analyzed:	09/16/22	Data File:	209198-11.054
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.31
Barium	64.6
Cadmium	<1
Chromium	10.0
Lead	4.17
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-09-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-12
Date Analyzed:	09/16/22	Data File:	209198-12.055
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.90
Barium	58.9
Cadmium	<1
Chromium	10.5
Lead	7.96
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-13
Date Analyzed:	09/16/22	Data File:	209198-13.061
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.34
Barium	56.2
Cadmium	<1
Chromium	9.79
Lead	5.95
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-14
Date Analyzed:	09/16/22	Data File:	209198-14.062
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.42
Barium	49.0
Cadmium	<1
Chromium	9.02
Lead	8.12
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-15
Date Analyzed:	09/16/22	Data File:	209198-15.063
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.10
Barium	72.7
Cadmium	<1
Chromium	11.7
Lead	9.16
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-04	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-16
Date Analyzed:	09/16/22	Data File:	209198-16.064
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.12
Barium	39.2
Cadmium	<1
Chromium	9.43
Lead	2.29
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-05	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-17
Date Analyzed:	09/16/22	Data File:	209198-17.065
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.31
Barium	33.6
Cadmium	<1
Chromium	9.97
Lead	2.54
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-06	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-18
Date Analyzed:	09/16/22	Data File:	209198-18.066
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.39
Barium	46.2
Cadmium	<1
Chromium	8.67
Lead	3.70
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-07	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-19
Date Analyzed:	09/16/22	Data File:	209198-19.067
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.36
Barium	21.5
Cadmium	<1
Chromium	6.39
Lead	1.92
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-08	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-20
Date Analyzed:	09/16/22	Data File:	209198-20.068
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.81
Barium	33.2
Cadmium	<1
Chromium	7.63
Lead	2.17
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-09	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-21
Date Analyzed:	09/16/22	Data File:	209198-21.072
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.13
Barium	38.6
Cadmium	<1
Chromium	7.37
Lead	6.81
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-10-10	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-22
Date Analyzed:	09/16/22	Data File:	209198-22.073
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.86
Barium	65.1
Cadmium	<1
Chromium	10.8
Lead	7.60
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	I2-648 mb
Date Analyzed:	09/15/22	Data File:	I2-648 mb.034
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	I2-649 mb
Date Analyzed:	09/15/22	Data File:	I2-649 mb.036
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-06-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-01 1/5
Date Analyzed:	09/16/22	Data File:	091613.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	92	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.034
Chrysene	0.037
Benzo(a)pyrene	0.036
Benzo(b)fluoranthene	0.042
Benzo(k)fluoranthene	0.015
Indeno(1,2,3-cd)pyrene	0.019
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-06-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-02 1/5
Date Analyzed:	09/16/22	Data File:	091619.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	88	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.12
Chrysene	0.12
Benzo(a)pyrene	0.11
Benzo(b)fluoranthene	0.14
Benzo(k)fluoranthene	0.049
Indeno(1,2,3-cd)pyrene	0.040
Dibenz(a,h)anthracene	0.010

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-06-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-03 1/5
Date Analyzed:	09/16/22	Data File:	091620.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	92	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.16
Chrysene	0.17
Benzo(a)pyrene	0.15
Benzo(b)fluoranthene	0.16
Benzo(k)fluoranthene	0.062
Indeno(1,2,3-cd)pyrene	0.050
Dibenz(a,h)anthracene	0.013

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-07-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-04 1/5
Date Analyzed:	09/16/22	Data File:	091621.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	100	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.019
Chrysene	0.027
Benzo(a)pyrene	0.021
Benzo(b)fluoranthene	0.029
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	0.011
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-07-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-05 1/5
Date Analyzed:	09/16/22	Data File:	091622.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	97	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.013
Chrysene	0.020
Benzo(a)pyrene	0.018
Benzo(b)fluoranthene	0.026
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-07-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-06 1/5
Date Analyzed:	09/16/22	Data File:	091623.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	98	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.044
Chrysene	0.052
Benzo(a)pyrene	0.044
Benzo(b)fluoranthene	0.059
Benzo(k)fluoranthene	0.022
Indeno(1,2,3-cd)pyrene	0.013
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-08-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-07 1/5
Date Analyzed:	09/16/22	Data File:	091624.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	101	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	0.014
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	0.014
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-08-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-08 1/5
Date Analyzed:	09/16/22	Data File:	091625.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	93	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.020
Chrysene	0.021
Benzo(a)pyrene	0.016
Benzo(b)fluoranthene	0.026
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-08-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-09 1/5
Date Analyzed:	09/16/22	Data File:	091626.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	105	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.024
Chrysene	0.028
Benzo(a)pyrene	0.019
Benzo(b)fluoranthene	0.029
Benzo(k)fluoranthene	0.011
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-09-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-10 1/5
Date Analyzed:	09/16/22	Data File:	091627.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	104	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	0.010
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	0.010
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-09-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-11 1/5
Date Analyzed:	09/16/22	Data File:	091620.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	94	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-09-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-12 1/5
Date Analyzed:	09/16/22	Data File:	091628.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	103	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.010
Chrysene	0.010
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	0.013
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-01	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-13 1/5
Date Analyzed:	09/16/22	Data File:	091629.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	103	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	0.012
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	0.011
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-02	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-14 1/5
Date Analyzed:	09/17/22	Data File:	091630.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	92	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-03	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-15 1/5
Date Analyzed:	09/16/22	Data File:	091627.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	93	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-04	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-16 1/5
Date Analyzed:	09/16/22	Data File:	091628.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	96	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-05	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-17 1/5
Date Analyzed:	09/16/22	Data File:	091623.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	97	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-06	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-18 1/5
Date Analyzed:	09/16/22	Data File:	091624.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	93	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-07	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-19 1/5
Date Analyzed:	09/16/22	Data File:	091625.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	100	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-08	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-20 1/5
Date Analyzed:	09/16/22	Data File:	091626.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	99	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-09	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-21 1/5
Date Analyzed:	09/16/22	Data File:	091622.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	92	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	0.010
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-10-10	Client:	Farallon Consulting, LLC
Date Received:	09/14/22	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	209198-22 1/5
Date Analyzed:	09/16/22	Data File:	091621.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	88	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	02-2215 mb 1/5
Date Analyzed:	09/16/22	Data File:	091615.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	102	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Centerpoint 1353-001
Date Extracted:	09/15/22	Lab ID:	02-2216 mb 1/5
Date Analyzed:	09/16/22	Data File:	091619.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Terphenyl-d14	100	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 209188-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	90	92	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	74-139

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 209198-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	98	102	73-135	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	74-139

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198

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

Laboratory Code: 209198-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	3.01	95	98	75-125	3
Barium	mg/kg (ppm)	50	30.4	108	110	75-125	2
Cadmium	mg/kg (ppm)	10	<1	97	100	75-125	3
Chromium	mg/kg (ppm)	50	7.77	88	85	75-125	3
Lead	mg/kg (ppm)	50	8.47	95	97	75-125	2
Mercury	mg/kg (ppm	5	<1	101	103	75-125	2
Selenium	mg/kg (ppm)	5	<1	94	98	75-125	4
Silver	mg/kg (ppm)	10	<1	97	102	75-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	88	80-120
Barium	mg/kg (ppm)	50	92	80-120
Cadmium	mg/kg (ppm)	10	92	80-120
Chromium	mg/kg (ppm)	50	96	80-120
Lead	mg/kg (ppm)	50	97	80-120
Mercury	mg/kg (ppm)	5	107	80-120
Selenium	mg/kg (ppm)	5	95	80-120
Silver	mg/kg (ppm)	10	98	80-120

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198

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

Laboratory Code: 209109-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	2.86	93	99	75-125	6
Barium	mg/kg (ppm)	50	42.3	103	114	75-125	10
Cadmium	mg/kg (ppm)	10	<1	90	95	75-125	5
Chromium	mg/kg (ppm)	50	3.79	85	87	75-125	2
Lead	mg/kg (ppm)	50	4.84	89	94	75-125	5
Mercury	mg/kg (ppm	5	<1	95	100	75-125	5
Selenium	mg/kg (ppm)	5	<1	92	96	75-125	4
Silver	mg/kg (ppm)	10	<1	94	99	75-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	93	80-120
Barium	mg/kg (ppm)	50	99	80-120
Cadmium	mg/kg (ppm)	10	98	80-120
Chromium	mg/kg (ppm)	50	102	80-120
Lead	mg/kg (ppm)	50	103	80-120
Mercury	mg/kg (ppm)	5	112	80-120
Selenium	mg/kg (ppm)	5	98	80-120
Silver	mg/kg (ppm)	10	104	80-120

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 209198-11 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	79	82	37-146	4
Chrysene	mg/kg (ppm)	0.83	<0.01	83	86	36-144	4
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	81	85	40-150	5
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	81	89	45-157	9
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	84	90	50-150	7
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	80	81	24-145	1
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	81	83	31-137	2

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	94	64-116
Chrysene	mg/kg (ppm)	0.83	99	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	95	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	100	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	99	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	86	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	85	67-131

Date of Report: 09/20/22
Date Received: 09/14/22
Project: PACCAR Centerpoint 1353-001, F&BI 209198

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 209198-22 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.03	84	80	37-146	5
Chrysene	mg/kg (ppm)	0.83	<0.03	87	82	36-144	6
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.03	84	82	40-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.03	86	84	45-157	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.03	83	82	50-150	1
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.03	79	72	24-145	9
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.03	81	73	31-137	10

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	94	64-116
Chrysene	mg/kg (ppm)	0.83	99	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	97	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	97	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	100	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	99	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	100	67-131

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

209198

SAMPLE CHAIN OF CUSTODY 9-14-22

BIG

Page # 1 of 3

Report To Stuart Brown

Company Fargallon

Address

City, State, ZIP

Phone Email SBrown@fargallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: PACCAR centerjoint

PO #: 1353-001

REMARKS

Project Specific RLs - Yes / No

INVOICE TO: AP

TURNAROUND TIME
Standard Turnaround
RUSH 3 day
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	CPAHs EPA 8270	PCBs EPA 8082	PH	metals (5)				Notes
SP-06-01	01	9/14/22	1334	soil	1	X				X		X	X				
SP-06-02	02		1336		1	X				X		X	X				
SP-06-03	03		1338		1	X				X		X	X				
SP-07-01	04		1342		1	X				X		X	X				
SP-07-02	05		1344		1	X				X		X	X				
SP-07-03	06		1346		1	X				X		X	X				
SP-08-01	07		1350		1	X				X		X	X				
SP-08-02	08		1352		1	X				X		X	X				
SP-08-03	09		1354		1	X				X		X	X				
SP-09-01	10		1359		1	X				X		X	X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Braeden Lukkon	Fargallon	9/14/22	1533
Received by:	Michael Erdahl	FCBa	9/14/22	1533
Relinquished by:				
Received by:				

Samples received at 25°C

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

209198

SAMPLE CHAIN OF CUSTODY

9-14-22

BIY

Page # 2 of 3

Report To Stuart Brown

Company Farallon

Address

City, State, ZIP

Phone Email SBrown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: PACCAR Centerpoint

PO#: 1353-001

REMARKS

Project Specific RLs - Yes / No

INVOICE TO: AP

TURNAROUND TIME
Standard Turnaround
RUSH 3 day
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	metals (RCRA)					Notes
SP-09-02	11	9/14/22	1401	Soil	1	X				X		X					
SP-09-03	12		1403		1	X				X		X					
SP-10-01	13		1420		1	X				X		X					
SP-10-02	14		1422		1	X				X		X					
SP-10-03	15		1424		1	X				X		X					
SP-10-04	16		1427		1	X				X		X					
SP-10-05	17		1429		1	X				X		X					
SP-10-06	18		1431		1	X				X		X					
SP-10-07	19		1433		1	X				X		X					
SP-10-08	20		1435		1	X				X		X					

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Brenden Lutteri	Farallon	9/14/22	1533
Received by:	Michael Erdahl	FCBn	9/14/22	1535
Relinquished by:				
Received by:				

Samples received at 25 °C

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

209198

SAMPLE CHAIN OF CUSTODY

9-14-22

Page # 3 of 3 BJH 3

Report To Stuart Bown

Company Farallon

Address

City, State, ZIP

Phone Email SBown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: PACAR Centerpoint

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☑ RUSH 3 day
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	Metals (RCRA)				Notes
SP-10-09	21	9/14/22	1438	Soil	1	X					X		X				
SP-10-10	22	1	1440	Soil	1	X					X		X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Braeden Lukstan	Farallon	9/14/22	1533
Received by:	Michael Erdahl	F&B	9/14/22	1533
Relinquished by:				
Received by:		Samples received at 25 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

January 18, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on January 14, 2022 from the PACCAR Site 1353-001, F&BI 201192 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0118R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 14, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
201192 -01	TP-17-0.0
201192 -02	TP-18-0.5
201192 -03	TP-19-0.0

All quality control requirements were acceptable.

Date of Report: 01/18/22
Date Received: 01/14/22
Project: PACCAR Site 1353-001, F&BI 201192
Date Extracted: 01/14/22
Date Analyzed: 01/17/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 58-139)
TP-17-0.0 201192-01	<5	89
TP-18-0.5 201192-02	<5	89
TP-19-0.0 201192-03	140	115
Method Blank 02-099 MB	<5	77

Date of Report: 01/18/22
Date Received: 01/14/22
Project: PACCAR Site 1353-001, F&BI 201192
Date Extracted: 01/14/22
Date Analyzed: 01/17/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
TP-17-0.0 201192-01	<50	<250	93
TP-18-0.5 201192-02	<50	<250	92
TP-19-0.0 201192-03	1,500	<250	94
Method Blank 02-0174 MB	<50	<250	93

Date of Report: 01/18/22
Date Received: 01/14/22
Project: PACCAR Site 1353-001, F&BI 201192

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 201191-07 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

Date of Report: 01/18/22
Date Received: 01/14/22
Project: PACCAR Site 1353-001, F&BI 201192

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 201182-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	92	92	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	58-147

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

201192

SAMPLE CHAIN OF CUSTODY

01/14/22

A01/VS1

Page # 1 of 1

Report To Stuart Brown

Company Farallon

Address 975 5th Ave. NW

City, State, ZIP Issaquah, WA

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney vanStolk

PROJECT NAME: PACCAR Site

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☑ RUSH 24 hr

Rush charges authorized by: S. Brown

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
						ANALYSES REQUESTED											
TP-17-0.0		1-14-22	1110	soil	5	X	X										
TP-18-0.5		↓	1115	↓	↓	X	X										
TP-19-0.0		↓	1120	↓	↓	X	X										

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney vanStolk	Courtney vanStolk	Farallon	1-14-22	1355
Received by:	Khoi Hoang	FBE	1-14-22	1355
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 9, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 3, 2022 from the PACCAR Site 1353-001, F&BI 208052 project. There are 22 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0809R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 3, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 208052 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208052 -01	TP-47-0
208052 -02	TP-48-0
208052 -03	TP-49-0
208052 -04	TP-50-0
208052 -05	TP-51-0
208052 -06	TP-52-0

Methylene chloride was detected in the 8260D analysis of sample TP-48-0. The data were flagged as due to laboratory contamination. In addition, the methylene chloride calibration standard exceeded the acceptance criteria. The detection as flagged accordingly.

The 8082A PCB reporting limits were raised due to interfering compounds.

All other quality control requirements were acceptable.

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052
Date Extracted: 08/04/22
Date Analyzed: 08/04/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID

Results Reported on a Dry Weight Basis
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 48-168)
TP-48-0 208052-02	ND	ND	ND	117
TP-49-0 208052-03	ND	ND	ND	107
TP-50-0 208052-04	ND	ND	ND	107
TP-51-0 208052-05	ND	ND	ND	116
Method Blank 02-1891 MB	ND	ND	ND	104

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052
Date Extracted: 08/04/22
Date Analyzed: 08/04/22

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
USING METHOD 8021B**

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (% Recovery) (Limit 50-150)
TP-47-0 208052-01	0.042	2.0	1.2	6.2	115
TP-52-0 208052-06	<0.02	0.51	<0.02	3.5	109
Method Blank 02-1723 MB	<0.02	<0.02	<0.02	<0.06	95

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052
Date Extracted: 08/04/22
Date Analyzed: 08/04/22 and 08/05/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
TP-47-0 208052-01 1/10	23,000	26,000	142
TP-52-0 208052-06	13,000	14,000	145
Method Blank 02-1889 MB	<50	<250	113

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-48-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-02
Date Analyzed:	08/04/22	Data File:	080412.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	109
Toluene-d8	97	89	112
4-Bromofluorobenzene	101	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	0.51 ca lc	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-49-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-03
Date Analyzed:	08/04/22	Data File:	080413.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	109
Toluene-d8	97	89	112
4-Bromofluorobenzene	102	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-50-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-04
Date Analyzed:	08/04/22	Data File:	080414.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	109
Toluene-d8	96	89	112
4-Bromofluorobenzene	100	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	TP-51-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-05
Date Analyzed:	08/04/22	Data File:	080415.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	90	109
Toluene-d8	97	89	112
4-Bromofluorobenzene	104	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	02-1796 mb
Date Analyzed:	08/04/22	Data File:	080405.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	RF

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	109
Toluene-d8	106	89	112
4-Bromofluorobenzene	99	84	115

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-47-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-01 1/100
Date Analyzed:	08/04/22	Data File:	080418.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	33 d	24	111
Phenol-d6	44 d	37	116
Nitrobenzene-d5	54 d	38	117
2-Fluorobiphenyl	54 d	45	117
2,4,6-Tribromophenol	45 d	11	158
Terphenyl-d14	60 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.2
Chrysene	<0.2
Benzo(a)pyrene	<0.05 j
Benzo(b)fluoranthene	<0.2
Benzo(k)fluoranthene	<0.2
Indeno(1,2,3-cd)pyrene	<0.2
Dibenz(a,h)anthracene	<0.2

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-52-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-06 1/100
Date Analyzed:	08/04/22	Data File:	080419.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	51 d	24	111
Phenol-d6	64 d	37	116
Nitrobenzene-d5	90 d	38	117
2-Fluorobiphenyl	72 d	45	117
2,4,6-Tribromophenol	51 d	11	158
Terphenyl-d14	92 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.2
Chrysene	0.20
Benzo(a)pyrene	0.071 j
Benzo(b)fluoranthene	<0.2
Benzo(k)fluoranthene	<0.2
Indeno(1,2,3-cd)pyrene	<0.2
Dibenz(a,h)anthracene	<0.2

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	02-1890 mb 1/5
Date Analyzed:	08/04/22	Data File:	080410.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	79	24	111
Phenol-d6	88	37	116
Nitrobenzene-d5	85	38	117
2-Fluorobiphenyl	86	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	102	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.0025 j
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-47-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-01 cl 1/6
Date Analyzed:	08/05/22	Data File:	080505.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.63
Aroclor 1232	<0.66
Aroclor 1016	<0.22
Aroclor 1242	<0.30
Aroclor 1248	<0.87
Aroclor 1254	<0.92
Aroclor 1260	<0.84
Aroclor 1262	<1.35
Aroclor 1268	<0.08

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	TP-52-0	Client:	Farallon Consulting, LLC
Date Received:	08/03/22	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	208052-06 cl 1/6
Date Analyzed:	08/05/22	Data File:	080506.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.09
Aroclor 1016	<0.05
Aroclor 1242	<0.08
Aroclor 1248	<0.09
Aroclor 1254	<0.18
Aroclor 1260	<0.41
Aroclor 1262	<0.74
Aroclor 1268	<0.10

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	08/04/22	Lab ID:	02-1880 mb4 1/6
Date Analyzed:	08/04/22	Data File:	080404.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	122 vo	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Laboratory Code: 208052-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	0.042	0.033	24 hr
Toluene	mg/kg (ppm)	2.0	1.6	22 hr
Ethylbenzene	mg/kg (ppm)	1.2	0.82	38 hr
Xylenes	mg/kg (ppm)	6.2	4.3	36 hr

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	90	69-120
Toluene	mg/kg (ppm)	0.5	92	70-117
Ethylbenzene	mg/kg (ppm)	0.5	90	65-123
Xylenes	mg/kg (ppm)	1.5	93	66-120

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208035-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	94	96	63-146	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	79-144

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 208032-28 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	1	<0.5	19	17	10-142	11
Chloromethane	mg/kg (ppm)	1	<0.5	35	36	10-126	3
Vinyl chloride	mg/kg (ppm)	1	<0.05	38	37	10-138	3
Bromomethane	mg/kg (ppm)	1	<0.5	43	42	10-163	2
Chloroethane	mg/kg (ppm)	1	<0.5	44	42	10-176	5
Trichlorofluoromethane	mg/kg (ppm)	1	<0.5	43	40	10-176	7
Acetone	mg/kg (ppm)	5	<5	55	55	10-163	0
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	49	47	10-160	4
Hexane	mg/kg (ppm)	1	<0.25	47	47	10-137	0
Methylene chloride	mg/kg (ppm)	1	<0.5	41	39	10-156	5
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	<0.05	53	54	21-145	2
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	56	53	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	54	53	19-140	2
2,2-Dichloropropane	mg/kg (ppm)	1	<0.05	67	67	10-158	0
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	56	55	25-135	2
Chloroform	mg/kg (ppm)	1	<0.05	54	54	21-145	0
2-Butanone (MEK)	mg/kg (ppm)	5	<1	61	60	19-147	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	55	56	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	56	55	10-156	2
1,1-Dichloropropene	mg/kg (ppm)	1	<0.05	55	54	17-140	2
Carbon tetrachloride	mg/kg (ppm)	1	<0.05	62	64	9-164	3
Benzene	mg/kg (ppm)	1	<0.03	54	53	29-129	2
Trichloroethene	mg/kg (ppm)	1	<0.02	55	53	21-139	4
1,2-Dichloropropane	mg/kg (ppm)	1	<0.05	56	57	30-135	2
Bromodichloromethane	mg/kg (ppm)	1	<0.05	57	58	23-155	2
Dibromomethane	mg/kg (ppm)	1	<0.05	57	55	23-145	4
4-Methyl-2-pentanone	mg/kg (ppm)	5	<1	61	60	24-155	2
cis-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	59	59	28-144	0
Toluene	mg/kg (ppm)	1	<0.05	60	59	35-130	2
trans-1,3-Dichloropropene	mg/kg (ppm)	1	<0.05	65	62	26-149	5
1,1,2-Trichloroethane	mg/kg (ppm)	1	<0.05	63	61	10-205	3
2-Hexanone	mg/kg (ppm)	5	<0.5	65	64	15-166	2
1,3-Dichloropropane	mg/kg (ppm)	1	<0.05	60	58	31-137	3
Tetrachloroethene	mg/kg (ppm)	1	<0.025	62	59	20-133	5
Dibromochloromethane	mg/kg (ppm)	1	<0.05	61	59	28-150	3
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	<0.05	60	60	28-142	0
Chlorobenzene	mg/kg (ppm)	1	<0.05	60	61	32-129	2
Ethylbenzene	mg/kg (ppm)	1	<0.05	60	59	32-137	2
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	59	60	31-143	2
m,p-Xylene	mg/kg (ppm)	2	<0.1	60	59	34-136	2
o-Xylene	mg/kg (ppm)	1	<0.05	58	59	33-134	2
Styrene	mg/kg (ppm)	1	<0.05	60	58	35-137	3
Isopropylbenzene	mg/kg (ppm)	1	<0.05	58	58	31-142	0
Bromoform	mg/kg (ppm)	1	<0.05	61	60	21-156	2
n-Propylbenzene	mg/kg (ppm)	1	<0.05	63	62	23-146	2
Bromobenzene	mg/kg (ppm)	1	<0.05	62	61	34-130	2
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	<0.05	62	61	18-149	2
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	<0.05	68	64	28-140	6
1,2,3-Trichloropropane	mg/kg (ppm)	1	<0.05	65	63	25-144	3
2-Chlorotoluene	mg/kg (ppm)	1	<0.05	62	59	31-134	5
4-Chlorotoluene	mg/kg (ppm)	1	<0.05	62	60	31-136	3
tert-Butylbenzene	mg/kg (ppm)	1	<0.05	63	61	30-137	3
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	<0.05	63	62	10-182	2
sec-Butylbenzene	mg/kg (ppm)	1	<0.05	63	61	23-145	3
p-Isopropyltoluene	mg/kg (ppm)	1	<0.05	65	62	21-149	5
1,3-Dichlorobenzene	mg/kg (ppm)	1	<0.05	63	62	30-131	2
1,4-Dichlorobenzene	mg/kg (ppm)	1	<0.05	62	59	29-129	5
1,2-Dichlorobenzene	mg/kg (ppm)	1	<0.05	63	61	31-132	3
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	<0.5	66	64	11-161	3
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	<0.25	68	64	22-142	6
Hexachlorobutadiene	mg/kg (ppm)	1	<0.25	72	70	10-142	3
Naphthalene	mg/kg (ppm)	1	<0.05	67	65	14-157	3
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	<0.25	67	65	20-144	3

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	1	37	10-146
Chloromethane	mg/kg (ppm)	1	55	27-133
Vinyl chloride	mg/kg (ppm)	1	64	22-139
Bromomethane	mg/kg (ppm)	1	71	38-114
Chloroethane	mg/kg (ppm)	1	72	9-163
Trichlorofluoromethane	mg/kg (ppm)	1	75	10-196
Acetone	mg/kg (ppm)	5	96	52-141
1,1-Dichloroethene	mg/kg (ppm)	1	82	47-128
Hexane	mg/kg (ppm)	1	89	43-142
Methylene chloride	mg/kg (ppm)	1	98	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	1	92	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	1	94	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	93	68-115
2,2-Dichloropropane	mg/kg (ppm)	1	115	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	1	98	72-127
Chloroform	mg/kg (ppm)	1	91	66-120
2-Butanone (MEK)	mg/kg (ppm)	5	103	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	99	62-131
1,1-Dichloropropene	mg/kg (ppm)	1	96	69-128
Carbon tetrachloride	mg/kg (ppm)	1	109	60-139
Benzene	mg/kg (ppm)	1	93	71-118
Trichloroethene	mg/kg (ppm)	1	94	63-121
1,2-Dichloropropane	mg/kg (ppm)	1	96	72-127
Bromodichloromethane	mg/kg (ppm)	1	98	57-126
Dibromomethane	mg/kg (ppm)	1	99	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	5	102	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	1	100	67-122
Toluene	mg/kg (ppm)	1	88	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	1	93	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	1	90	64-115
2-Hexanone	mg/kg (ppm)	5	93	33-152
1,3-Dichloropropane	mg/kg (ppm)	1	88	72-130
Tetrachloroethene	mg/kg (ppm)	1	88	72-114
Dibromochloromethane	mg/kg (ppm)	1	91	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	1	89	74-132
Chlorobenzene	mg/kg (ppm)	1	89	76-111
Ethylbenzene	mg/kg (ppm)	1	88	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	1	91	64-121
m,p-Xylene	mg/kg (ppm)	2	88	78-122
o-Xylene	mg/kg (ppm)	1	87	77-124
Styrene	mg/kg (ppm)	1	88	74-126
Isopropylbenzene	mg/kg (ppm)	1	88	76-127
Bromoform	mg/kg (ppm)	1	90	56-132
n-Propylbenzene	mg/kg (ppm)	1	87	74-124
Bromobenzene	mg/kg (ppm)	1	85	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	1	86	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	1	88	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	1	90	61-137
2-Chlorotoluene	mg/kg (ppm)	1	85	74-121
4-Chlorotoluene	mg/kg (ppm)	1	86	75-122
tert-Butylbenzene	mg/kg (ppm)	1	86	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	1	85	76-125
sec-Butylbenzene	mg/kg (ppm)	1	85	71-130
p-Isopropyltoluene	mg/kg (ppm)	1	88	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	1	85	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	1	87	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	1	85	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	1	93	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	1	92	64-135
Hexachlorobutadiene	mg/kg (ppm)	1	94	50-153
Naphthalene	mg/kg (ppm)	1	94	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	1	92	63-138

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208035-03 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	95	98	50-150	3
Chrysene	mg/kg (ppm)	0.83	<0.01	92	93	50-150	1
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	96	98	50-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	98	102	50-150	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	96	98	50-150	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	106	102	41-134	4
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	108	104	44-130	4

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	95	70-130
Chrysene	mg/kg (ppm)	0.83	96	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	99	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	96	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	102	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	113	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	115	67-128

Date of Report: 08/09/22
Date Received: 08/03/22
Project: PACCAR Site 1353-001, F&BI 208052

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208007-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	96	86	29-125	11
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	92	88	25-137	4

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	108	55-137
Aroclor 1260	mg/kg (ppm)	0.25	115	51-150

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

208053

SAMPLE CHAIN OF CUSTODY 08-03-22

Page # 1 of 1 B02/VSB4

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW

City, State, ZIP Issaquah WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*): Courtney Crawford

PROJECT NAME: PACCAR site

PO #: 1353.001

REMARKS: PM will contact w/ analyses

Project specific RLs? - Yes / No

INVOICE TO: accounts payable

TURNAROUND TIME
- ☐ Standard turnaround
- ☐ RUSH _____

Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
TP-47-0	01 A-E	8-3-22	1400	composite soil	5												1 VOA not labeled
TP-48-0	02		1434														
TP-49-0	03		1437														
TP-50-0	04		1439														
TP-51-0	05		1442														
TP-52-0	06		1456														

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Crawford	Courtney van Stolk	Farallon	8-3-22	1703
Received by:	VINH	FBI	8-3-22	1703
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 11, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 5, 2022 from the Paccar Site 1353-001, F&BI 208089 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0811R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 5, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar Site 1353-001, F&BI 208089 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208089 -01	FB-13-NSW-7.5
208089 -02	FB-13-SSW-7.5
208089 -03	FB-13-WSW-7.5
208089 -04	FB-13-ESW-7.5

All quality control requirements were acceptable.

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-NSW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/05/22	Project:	Paccar Site 1353-001
Date Extracted:	08/05/22	Lab ID:	208089-01 1/6
Date Analyzed:	08/08/22	Data File:	080807.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-SSW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/05/22	Project:	Paccar Site 1353-001
Date Extracted:	08/05/22	Lab ID:	208089-02 1/6
Date Analyzed:	08/08/22	Data File:	080808.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	55	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.80
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-WSW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/05/22	Project:	Paccar Site 1353-001
Date Extracted:	08/05/22	Lab ID:	208089-03 1/6
Date Analyzed:	08/08/22	Data File:	080809.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	2.0 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-WSW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/05/22	Project:	Paccar Site 1353-001
Date Extracted:	08/05/22	Lab ID:	208089-03 1/120
Date Analyzed:	08/08/22	Data File:	080812A.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	120 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	3.4

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-ESW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/05/22	Project:	Paccar Site 1353-001
Date Extracted:	08/05/22	Lab ID:	208089-04 1/6
Date Analyzed:	08/08/22	Data File:	080810.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	130 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-ESW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/05/22	Project:	Paccar Site 1353-001
Date Extracted:	08/05/22	Lab ID:	208089-04 1/3000
Date Analyzed:	08/08/22	Data File:	080812B.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	210

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar Site 1353-001
Date Extracted:	08/05/22	Lab ID:	02-1900 mb 1/6
Date Analyzed:	08/08/22	Data File:	080805.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	103	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/11/22
Date Received: 08/05/22
Project: Paccar Site 1353-001, F&BI 208089

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208089-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	94	81	29-125	15
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	101	89	25-137	13

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	102	55-137
Aroclor 1260	mg/kg (ppm)	0.25	108	51-150

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

8/5/22 B01

Page # 1 of 1

206089 Report To Stuart Brown

Company Farallon

Address 975 Fifth Ave NW

City, State, ZIP Issaquah, WA, 98027

Phone 425 295 0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: Paccar Site

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24hr
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
						ANALYSES REQUESTED											
FB-13-NSW-7.5	01	8/5/22	1015	soil	1							X					
FB-13-SSW-7.5	02	8/5/22	1030	soil	1							X					
FB-13-WSW-7.5	03	8/5/22	1035	soil	1							X					
FB-13-ESW-7.5	04	8/5/22	1040	soil	1							X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	8/5/22	1407
Received by: W. Madden	W. Madden	F+BI	8/5/22	1407
Relinquished by:		Samples received at 3°C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

September 23, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on September 20, 2022 from the PACCAR Site 1353-001, F&BI 209296 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0923R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 20, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 209296 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
209296 -01	TP-72-7.5
209296 -02	TP-73-7.5

All quality control requirements were acceptable.

Date of Report: 09/23/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209296
Date Extracted: 09/20/22
Date Analyzed: 09/20/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-72-7.5 209296-01	1,600	680	102
TP-73-7.5 209296-02	<50	<250	98
Method Blank 02-2239 MB	<50	<250	92

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-72-7.5	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001, F&BI 209296
Date Extracted:	09/22/22	Lab ID:	209296-01 1/25
Date Analyzed:	09/22/22	Data File:	092208.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	84 d	10	198
2-Fluorobiphenyl	89 d	45	117
2,4,6-Tribromophenol	76 d	11	158
Terphenyl-d14	93 d	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	0.13
2-Methylnaphthalene	1.2
1-Methylnaphthalene	4.5
Acenaphthylene	<0.05
Acenaphthene	0.60
Fluorene	0.69
Phenanthrene	1.8
Anthracene	0.44
Fluoranthene	0.18
Pyrene	0.76
Benz(a)anthracene	0.33
Chrysene	0.49
Benzo(a)pyrene	0.14
Benzo(b)fluoranthene	0.051
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05
Benzo(g,h,i)perylene	0.060

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-73-7.5	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001, F&BI 209296
Date Extracted:	09/21/22	Lab ID:	209296-02 1/5
Date Analyzed:	09/21/22	Data File:	092110.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	82	10	198
2-Fluorobiphenyl	93	45	117
2,4,6-Tribromophenol	97	11	158
Terphenyl-d14	100	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001, F&BI 209296
Date Extracted:	09/22/22	Lab ID:	02-2244 mb2 1/5
Date Analyzed:	09/22/22	Data File:	092207.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	88	10	198
2-Fluorobiphenyl	92	45	117
2,4,6-Tribromophenol	91	11	158
Terphenyl-d14	97	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001, F&BI 209296
Date Extracted:	09/21/22	Lab ID:	02-2244 mb 1/5
Date Analyzed:	09/21/22	Data File:	092108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	99	10	198
2-Fluorobiphenyl	113	45	117
2,4,6-Tribromophenol	121	11	158
Terphenyl-d14	126 vo	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 09/23/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209296

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 209297-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	102	100	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	74-139

Date of Report: 09/23/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209296

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 209296-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	93	90	28-125	3
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	93	94	10-192	1
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	93	94	10-163	1
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	99	95	45-128	4
Acenaphthene	mg/kg (ppm)	0.83	<0.01	97	92	36-125	5
Fluorene	mg/kg (ppm)	0.83	<0.01	101	95	48-121	6
Phenanthrene	mg/kg (ppm)	0.83	<0.01	100	95	50-150	5
Anthracene	mg/kg (ppm)	0.83	<0.01	101	96	50-150	5
Fluoranthene	mg/kg (ppm)	0.83	<0.01	108	100	50-150	8
Pyrene	mg/kg (ppm)	0.83	<0.01	108	100	40-134	8
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	107	104	50-150	3
Chrysene	mg/kg (ppm)	0.83	<0.01	102	98	50-150	4
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	106	103	50-150	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	106	105	50-150	1
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	106	103	50-150	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	113	101	41-134	11
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	112	99	44-130	12
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	110	98	33-131	12

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	90	58-108
2-Methylnaphthalene	mg/kg (ppm)	0.83	90	67-109
1-Methylnaphthalene	mg/kg (ppm)	0.83	89	66-107
Acenaphthylene	mg/kg (ppm)	0.83	95	70-130
Acenaphthene	mg/kg (ppm)	0.83	92	66-112
Fluorene	mg/kg (ppm)	0.83	96	67-117
Phenanthrene	mg/kg (ppm)	0.83	99	70-130
Anthracene	mg/kg (ppm)	0.83	100	70-130
Fluoranthene	mg/kg (ppm)	0.83	108	70-130
Pyrene	mg/kg (ppm)	0.83	99	70-130
Benz(a)anthracene	mg/kg (ppm)	0.83	105	70-130
Chrysene	mg/kg (ppm)	0.83	101	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	106	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	107	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	110	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	104	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	100	67-128
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	102	64-127

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

209296 09/20/22 AOI

Page # 1 of 1

Report To STUART BROWN

Company FARALLON

Address 975 5TH AVE NW

City, State, ZIP ISSAQUAH, WA

Phone (425)295-0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: PACCAR SITE

PO #: 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: ACCOUNTS PAYABLE

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24 HOURS

Rush charges authorized by: STUART BROWN

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other

Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
						ANALYSES REQUESTED											
TP-72-7.5	01 A-B	9-20-22	0836	SOIL	2	X					X						
TP-73-7.5	02	9-20-22	1125	SOIL	2	X					X						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	JOHN KIM	FARALLON	9-20-22	13:14
Received by:	ANH PHAN	ESB	09/20/22	13:14
Relinquished by:				
Received by:		Samples received at 2 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

September 26, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on September 20, 2022 from the PACCAR Site 1353-001, F&BI 209297 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0926R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on September 20, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 209297 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
209297 -01	SP-11-01
209297 -02	SP-11-02
209297 -03	SP-11-03
209297 -04	SP-11-04
209297 -05	SP-11-05

All quality control requirements were acceptable.

Date of Report: 09/26/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209297
Date Extracted: 09/20/22
Date Analyzed: 09/20/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
SP-11-01 209297-01	<50	<250	92
SP-11-02 209297-02	<50	<250	89
SP-11-03 209297-03	<50	<250	94
SP-11-04 209297-04	<50	<250	92
SP-11-05 209297-05	<50	<250	94
Method Blank 02-2239 MB	<50	<250	92

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-11-01	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	209297-01
Date Analyzed:	09/20/22	Data File:	209297-01.191
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.12
Barium	39.9
Cadmium	<1
Chromium	11.2
Lead	7.53
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-11-02	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	209297-02
Date Analyzed:	09/20/22	Data File:	209297-02.192
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.86
Barium	33.1
Cadmium	<1
Chromium	8.90
Lead	1.89
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-11-03	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	209297-03
Date Analyzed:	09/20/22	Data File:	209297-03.205
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.45
Barium	61.9
Cadmium	<1
Chromium	11.7
Lead	3.63
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-11-04	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	209297-04
Date Analyzed:	09/21/22	Data File:	209297-04.216
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Barium	16.7
Cadmium	<1
Chromium	11.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-11-04	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	209297-04
Date Analyzed:	09/22/22	Data File:	209297-04.097
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-11-05	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	209297-05
Date Analyzed:	09/21/22	Data File:	209297-05.217
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Barium	48.2
Cadmium	<1
Chromium	11.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	SP-11-05	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	209297-05
Date Analyzed:	09/22/22	Data File:	209297-05.098
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.20
Lead	2.57
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	PACCAR Site 1353-001
Date Extracted:	09/20/22	Lab ID:	I2-661 mb
Date Analyzed:	09/20/22	Data File:	I2-661 mb.065
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-11-01	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/21/22	Lab ID:	209297-01 1/5
Date Analyzed:	09/21/22	Data File:	092111.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	75	10	198
2-Fluorobiphenyl	79	45	117
2,4,6-Tribromophenol	85	11	158
Terphenyl-d14	88	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	0.011

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-11-02	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/21/22	Lab ID:	209297-02 1/5
Date Analyzed:	09/21/22	Data File:	092112.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	74	10	198
2-Fluorobiphenyl	75	45	117
2,4,6-Tribromophenol	79	11	158
Terphenyl-d14	90	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-11-03	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/21/22	Lab ID:	209297-03 1/5
Date Analyzed:	09/21/22	Data File:	092113.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	77	10	198
2-Fluorobiphenyl	80	45	117
2,4,6-Tribromophenol	86	11	158
Terphenyl-d14	95	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-11-04	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/21/22	Lab ID:	209297-04 1/5
Date Analyzed:	09/21/22	Data File:	092114.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	68	10	198
2-Fluorobiphenyl	71	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	92	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-11-05	Client:	Farallon Consulting, LLC
Date Received:	09/20/22	Project:	PACCAR Site 1353-001
Date Extracted:	09/21/22	Lab ID:	209297-05 1/5
Date Analyzed:	09/21/22	Data File:	092115.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	72	10	198
2-Fluorobiphenyl	74	45	117
2,4,6-Tribromophenol	79	11	158
Terphenyl-d14	84	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	09/21/22	Lab ID:	02-2244 mb 1/5
Date Analyzed:	09/21/22	Data File:	092108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	99	10	198
2-Fluorobiphenyl	113	45	117
2,4,6-Tribromophenol	121	11	158
Terphenyl-d14	126 vo	50	124

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 09/26/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209297

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 209297-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	102	100	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	74-139

Date of Report: 09/26/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209297

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 209276-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	17.4	102	134 b	75-125	27 b
Barium	mg/kg (ppm)	50	95.8	96	117	75-125	20
Cadmium	mg/kg (ppm)	10	<5	94	94	75-125	0
Chromium	mg/kg (ppm)	50	20.5	88	95	75-125	8
Lead	mg/kg (ppm)	50	20.2	101	110	75-125	9
Mercury	mg/kg (ppm	5	<5	84	95	75-125	12
Selenium	mg/kg (ppm)	5	<5	97	104	75-125	7
Silver	mg/kg (ppm)	10	<5	105	104	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	89	80-120
Barium	mg/kg (ppm)	50	90	80-120
Cadmium	mg/kg (ppm)	10	92	80-120
Chromium	mg/kg (ppm)	50	94	80-120
Lead	mg/kg (ppm)	50	94	80-120
Mercury	mg/kg (ppm)	5	95	80-120
Selenium	mg/kg (ppm)	5	95	80-120
Silver	mg/kg (ppm)	10	98	80-120

Date of Report: 09/26/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209297

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 209296-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	93	90	28-125	3
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	93	94	10-192	1
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	93	94	10-163	1
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	99	95	45-128	4
Acenaphthene	mg/kg (ppm)	0.83	<0.01	97	92	36-125	5
Fluorene	mg/kg (ppm)	0.83	<0.01	101	95	48-121	6
Phenanthrene	mg/kg (ppm)	0.83	<0.01	100	95	50-150	5
Anthracene	mg/kg (ppm)	0.83	<0.01	101	96	50-150	5
Fluoranthene	mg/kg (ppm)	0.83	<0.01	108	100	50-150	8
Pyrene	mg/kg (ppm)	0.83	<0.01	108	100	40-134	8
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	107	104	50-150	3
Chrysene	mg/kg (ppm)	0.83	<0.01	102	98	50-150	4
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	106	103	50-150	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	106	105	50-150	1
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	106	103	50-150	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	113	101	41-134	11
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	112	99	44-130	12
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	110	98	33-131	12

Date of Report: 09/26/22
Date Received: 09/20/22
Project: PACCAR Site 1353-001, F&BI 209297

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	90	58-108
2-Methylnaphthalene	mg/kg (ppm)	0.83	90	67-109
1-Methylnaphthalene	mg/kg (ppm)	0.83	89	66-107
Acenaphthylene	mg/kg (ppm)	0.83	95	70-130
Acenaphthene	mg/kg (ppm)	0.83	92	66-112
Fluorene	mg/kg (ppm)	0.83	96	67-117
Phenanthrene	mg/kg (ppm)	0.83	99	70-130
Anthracene	mg/kg (ppm)	0.83	100	70-130
Fluoranthene	mg/kg (ppm)	0.83	108	70-130
Pyrene	mg/kg (ppm)	0.83	99	70-130
Benz(a)anthracene	mg/kg (ppm)	0.83	105	70-130
Chrysene	mg/kg (ppm)	0.83	101	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	106	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	107	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	110	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	104	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	100	67-128
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	102	64-127

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

209297

SAMPLE CHAIN OF CUSTODY

09/20/22 AO1

Page # 1 of 1

Report To STUART BROWN

Company FARALLON

Address 475 5TH AVE NW

City, State, ZIP ISSAQUAH, WA,

Phone (425) 295-0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME: PACCAR SITE

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: ACCOUNTS PAYABLE

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH ~~3 DAYS~~ 2 Day per SB
- Rush charges authorized by: 9/21/22 STUART BROWN ME

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	RCRA METALS				Notes
SP-~~10~~11-01	01 A-B	9-20-22	0915	SOIL	2	X					X		X				
SP-~~10~~11-02	02		0926			X					X		X				
SP-~~10~~11-03	03		0946			X					X		X				
SP-~~10~~11-04	04		0956			X					X		X				
SP-~~10~~11-05	05		1004			X					X		X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	JOHN KIM	FARALLON	9-20-22	13:14
Received by:	ANH PHAN	F&B	09/20/22	13:14
Relinquished by:				
Received by:		Samples received at 2 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282 (MP)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Friedman & Bruya
Michael Erdahl
3012 16th Ave. W.
Seattle, WA 98119

RE: 208155
Work Order Number: 2208160

Attention Michael Erdahl:

Fremont Analytical, Inc. received 1 sample(s) on 8/11/2022 for the analyses presented in the following report.

Extractable Petroleum Hydrocarbons by NWEPH
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *08/16/2022*

CLIENT: Friedman & Bruya
Project: 208155
Work Order: 2208160

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2208160-001	TP-57-6.0	08/10/2022 1:20 PM	08/11/2022 1:28 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2208160**

Date:

CLIENT: Friedman & Bruya
Project: 208155

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2208160**
Date Reported:

Client: Friedman & Bruya
Collection Date: 8/10/2022 1:20:00 PM
Project: 208155
Lab ID: 2208160-001
Matrix: Soil
Client Sample ID: TP-57-6.0

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Extractable Petroleum Hydrocarbons by NWEPH				Batch ID: 37411		Analyst: KJ
Aliphatic Hydrocarbon (C8-C10)	ND	23.5		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aliphatic Hydrocarbon (C10-C12)	367	11.7		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aliphatic Hydrocarbon (C12-C16)	1,650	11.7		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aliphatic Hydrocarbon (C16-C21)	940	11.7	Q	mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aliphatic Hydrocarbon (C21-C34)	900	11.7		mg/Kg-dry	1	8/15/2022 5:39:59 PM
Aromatic Hydrocarbon (C8-C10)	ND	23.5		mg/Kg-dry	1	8/15/2022 8:57:51 PM
Aromatic Hydrocarbon (C10-C12)	181	11.7	Q	mg/Kg-dry	1	8/15/2022 8:57:51 PM
Aromatic Hydrocarbon (C12-C16)	2,010	11.7	Q	mg/Kg-dry	1	8/15/2022 8:57:51 PM
Aromatic Hydrocarbon (C16-C21)	3,250	11.7		mg/Kg-dry	1	8/15/2022 8:57:51 PM
Aromatic Hydrocarbon (C21-C34)	2,510	11.7		mg/Kg-dry	1	8/15/2022 8:57:51 PM
Surr: 1-Chlorooctadecane	77.9	50 - 150		%Rec	1	8/15/2022 5:39:59 PM
Surr: o-Terphenyl	106	50 - 150		%Rec	1	8/15/2022 8:57:51 PM

NOTES:
Q - Aliphatic C16-21 calibration verification is above acceptance criteria (151%, nominal 80-120). Result may be high-biased.
Q - Aromatic C12-16 calibration verification is above acceptance criteria (127%, nominal 80-120). Result may be high-biased.
Q - Aromatic C10-12 calibration verification is below acceptance criteria (75%, nominal 80-120). Result may be low-biased.

Sample Moisture (Percent Moisture)				Batch ID: R77478		Analyst: ALB
Percent Moisture	15.9	0.500		wt%	1	8/11/2022 2:39:28 PM

Work Order: 2208160
CLIENT: Friedman & Bruya
Project: 208155

QC SUMMARY REPORT

Extractable Petroleum Hydrocarbons by NWEPH

Sample ID: **MB-37411** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **MBLKS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1592999**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (C8-C10)	ND	20.0									
Aliphatic Hydrocarbon (C10-C12)	ND	10.0									
Aliphatic Hydrocarbon (C12-C16)	ND	10.0									
Aliphatic Hydrocarbon (C16-C21)	ND	10.0									
Aliphatic Hydrocarbon (C21-C34)	ND	10.0									
Surr: 1-Chlorooctadecane	91.0		100.0		91.0	50	150				

Sample ID: **2208160-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **TP-57-6.0** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593002**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (C8-C10)	114	46.8	292.7	0	39.1	5	130				D
Aliphatic Hydrocarbon (C10-C12)	445	23.4	146.4	367.0	53.5	70	130				DS
Aliphatic Hydrocarbon (C12-C16)	1,480	23.4	146.4	1,650	-116	70	130				DS
Aliphatic Hydrocarbon (C16-C21)	818	23.4	146.4	939.8	-83.3	70	130				DS
Aliphatic Hydrocarbon (C21-C34)	1,070	23.4	146.4	900.0	119	70	130				D
Surr: 1-Chlorooctadecane	80.9		117.1		69.1	50	150				D

NOTES:
S - Spiked amount was low relative to sample concentration. Outlying spike recoveries may be expected.

Sample ID: **LCS-37411** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **LCSS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593003**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aliphatic Hydrocarbon (C8-C10)	73.8	20.0	250.0	0	29.5	15.9	130				
Aliphatic Hydrocarbon (C10-C12)	92.4	10.0	125.0	0	73.9	70	130				
Aliphatic Hydrocarbon (C12-C16)	116	10.0	125.0	0	92.7	70	130				
Aliphatic Hydrocarbon (C16-C21)	117	10.0	125.0	0	93.6	70	130				
Aliphatic Hydrocarbon (C21-C34)	105	10.0	125.0	0	83.8	70	130				
Surr: 1-Chlorooctadecane	94.9		100.0		94.9	50	150				

Work Order: 2208160
CLIENT: Friedman & Bruya
Project: 208155

QC SUMMARY REPORT

Extractable Petroleum Hydrocarbons by NWEPH

Sample ID: **MB-37411** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **MBLKS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593006**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aromatic Hydrocarbon (C8-C10)	ND	20.0									
Aromatic Hydrocarbon (C10-C12)	ND	10.0									
Aromatic Hydrocarbon (C12-C16)	ND	10.0									
Aromatic Hydrocarbon (C16-C21)	ND	10.0									
Aromatic Hydrocarbon (C21-C34)	ND	10.0									
Surr: o-Terphenyl	134		100.0		134	50	150				

Sample ID: **LCS-37411** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **LCSS** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593007**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aromatic Hydrocarbon (C8-C10)	139	20.0	250.0	0	55.6	24	130				
Aromatic Hydrocarbon (C10-C12)	99.0	10.0	125.0	0	79.2	70	130				
Aromatic Hydrocarbon (C12-C16)	124	10.0	125.0	0	99.2	70	130				
Aromatic Hydrocarbon (C16-C21)	122	10.0	125.0	0	97.8	70	130				
Aromatic Hydrocarbon (C21-C34)	105	10.0	125.0	0	83.7	70	130				
Surr: o-Terphenyl	112		100.0		112	50	150				

Sample ID: **2208160-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/11/2022** RunNo: **77552**
Client ID: **TP-57-6.0** Batch ID: **37411** Analysis Date: **8/15/2022** SeqNo: **1593009**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aromatic Hydrocarbon (C8-C10)	51.0	46.8	292.7	0	17.4	14	130				D
Aromatic Hydrocarbon (C10-C12)	167	23.4	146.4	180.7	-9.61	70	130				DS
Aromatic Hydrocarbon (C12-C16)	1,400	23.4	146.4	2,012	-417	70	130				DS
Aromatic Hydrocarbon (C16-C21)	2,530	23.4	146.4	3,253	-495	70	130				DS
Aromatic Hydrocarbon (C21-C34)	2,440	23.4	146.4	2,509	-45.7	70	130				DS
Surr: o-Terphenyl	89.7		117.1		76.6	50	150				D

NOTES:
S - Spiked amount was low relative to sample concentration. Outlying spike recoveries may be expected.

Sample Log-In Check List

Client Name:	FB	Work Order Number:	2208160
Logged by:	Clare Griggs	Date Received:	8/11/2022 1:28:00 PM

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	☐
		No cooler present.				
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☐	No ☑	NA	☐
		Unknown prior to receipt.				
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☐	No ☐	NA	☑
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☑	No ☐	NA	☐

Person Notified:	Michael Erdahl	Date:	8/11/2022
By Whom:	Matt Langston	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirming TAT will be 3 Day.		
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	9.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

2208160

Page # 1 of 1

Send Report To Michael Erdahl

Company Friedman and Bruya, Inc.

Address 3012 16th Ave W

City, State, ZIP Seattle, WA 98119

Phone # (206) 285-8282 merdahl@friedmanandbruya.com

SUBCONTRACTER Fremont

PROJECT NAME/NO.	PO #
208155	C-310

REMARKS

EQuIS

TURNAROUND TIME

☐ Standard TAT

☒ RUSH 24 hr TAT

Rush charges authorized by:

SAMPLE DISPOSAL

☐ Dispose after 30 days

☐ Return samples

☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED: Dioxins/Furans	EPH	VPH								Notes
TP-57-6.0		8/10/22	1320	Soil	1		X									

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished By:	Michael Erdahl	Friedman & Bruya	8/11/22	
Received by:	Lauren Curlee	FAI	8/11/22	13:28
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

ATTACHMENT B
WASTE DISPOSAL TICKETS

Redevelopment Discoveries Summary Report
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
174077	12/7/2021	20.39
174078	12/7/2021	23.94
174079	12/7/2021	31.54
174080	12/7/2021	28.84
174081	12/7/2021	28.48
174082	12/7/2021	31.11
174083	12/7/2021	29.09
174084	12/7/2021	31.19
174085	12/7/2021	28.52
174086	12/7/2021	28.37
174089	12/7/2021	29.85
174090	12/7/2021	29.32
174091	12/7/2021	29.40
174092	12/7/2021	32.56
174093	12/7/2021	29.23
174094	12/7/2021	28.34
174095	12/7/2021	30.46
174096	12/7/2021	30.14
174097	12/7/2021	32.51
174098	12/7/2021	33.31
174101	12/7/2021	28.65
174102	12/7/2021	28.38
174103	12/7/2021	29.55
174105	12/7/2021	28.13
174106	12/7/2021	28.36
174108	12/7/2021	29.90
174109	12/7/2021	28.56
174110	12/7/2021	30.44
174111	12/7/2021	30.97
174112	12/7/2021	28.27
174113	12/7/2021	29.09
174114	12/7/2021	22.57
12/7/21 Total Tonnage		**929.46**

Ticket Number	Date	Tons
74551	8/16/2022	15.37
74555	8/16/2022	16.83
74557	8/16/2022	15.08
74559	8/16/2022	14.94
74561	8/16/2022	14.82
8/16/22 Total Tonnage		**77.04**

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
74617	8/18/2022	26.24
74620	8/18/2022	29.59
74627	8/18/2022	27.76
74631	8/18/2022	26.24
74635	8/18/2022	25.04
74642	8/18/2022	24.96
74651	8/18/2022	27.33
74654	8/18/2022	29.06
8/18/22 Total Tonnage		**216.22**

Ticket Number	Date	Tons
74740	8/22/2022	23.03
74748	8/22/2022	22.84
74752	8/22/2022	23.54
74758	8/22/2022	21.25
74759	8/22/2022	22.15
8/22/22 Total Tonnage		**112.81**

Ticket Number	Date	Tons
74824	8/24/2022	27.13
74828	8/24/2022	26.2
74841	8/24/2022	27.46
74844	8/24/2022	27.76
74853	8/24/2022	28.39
74858	8/24/2022	27.36
8/24/22 Total Tonnage		**164.30**

Ticket Number	Date	Tons
74874	8/25/2022	29.98
74879	8/25/2022	31.18
74883	8/25/2022	34.53
74888	8/25/2022	28.52
74894	8/25/2022	28.14
74899	8/25/2022	28.27
74901	8/25/2022	31.4
8/25/22 Total Tonnage		**212.02**

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
75077	8/31/2022	10
75086	8/31/2022	11.01
75091	8/31/2022	11.09
75094	8/31/2022	12.94
75101	8/31/2022	12.63
75108	8/31/2022	13.69
75118	8/31/2022	12.63
8/31/22 Total Tonnage		**83.99**

Ticket Number	Date	Tons
75197	9/7/2022	14.27
75198	9/7/2022	16.56
75203	9/7/2022	16.68
75205	9/7/2022	15.57
75208	9/7/2022	15.68
75212	9/7/2022	14.72
75215	9/7/2022	14.57
75220	9/7/2022	17.18
75225	9/7/2022	16.47
9/7/22 Total Tonnage		**141.70**

Ticket Number	Date	Tons
75249	9/8/2022	14.94
75256	9/8/2022	16.09
75262	9/8/2022	17
75267	9/8/2022	16.17
75277	9/8/2022	15.68
75284	9/8/2022	14.93
75290	9/8/2022	15.89
75298	9/8/2022	17.23
9/8/22 Total Tonnage		**127.93**

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
75320	9/9/2022	13.28
75325	9/9/2022	13.97
75336	9/9/2022	14.76
75339	9/9/2022	15.38
75343	9/9/2022	15.1
75350	9/9/2022	15.55
75351	9/9/2022	14.58
75359	9/9/2022	16.16
75364	9/9/2022	15.51
75373	9/9/2022	13.77
75388	9/9/2022	15.34
75395	9/9/2022	15.82
9/9/22 Total Tonnage		**179.22**

Ticket Number	Date	Tons
75428	9/12/2022	28.76
75434	9/12/2022	31.27
75435	9/12/2022	29.53
75441	9/12/2022	29.69
75444	9/12/2022	32.55
75451	9/12/2022	25.96
9/12/22 Total Tonnage		**177.76**

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
75610	9/16/2022	26.59
75613	9/16/2022	27.22
75614	9/16/2022	26.15
75617	9/16/2022	28.04
75624	9/16/2022	28.75
75628	9/16/2022	29.25
75630	9/16/2022	28.66
75631	9/16/2022	27.61
75634	9/16/2022	28.98
75639	9/16/2022	29.31
75640	9/16/2022	28.86
75643	9/16/2022	29.91
75650	9/16/2022	29.97
75652	9/16/2022	29.38
75656	9/16/2022	27.79
75662	9/16/2022	28.49
75663	9/16/2022	28.79
75668	9/16/2022	28.44
75672	9/16/2022	31.11
75674	9/16/2022	29.53
75676	9/16/2022	27.78
75681	9/16/2022	28.87
75682	9/16/2022	29.03
75684	9/16/2022	29.5
75685	9/16/2022	28.9
9/16/22 Total Tonnage		**716.91**

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
75690	9/19/2022	32.33
75693	9/19/2022	31.29
75698	9/19/2022	29.66
75700	9/19/2022	29.66
75705	9/19/2022	27.72
75708	9/19/2022	26.1
75714	9/19/2022	24.59
75715	9/19/2022	24.39
75721	9/19/2022	25.12
75722	9/19/2022	26
75731	9/19/2022	24.2
75733	9/19/2022	25.02
75735	9/19/2022	27.71
75738	9/19/2022	23.95
75744	9/19/2022	29.03
75746	9/19/2022	30.99
75750	9/19/2022	28.92
75752	9/19/2022	30.23
75757	9/19/2022	29.21
75759	9/19/2022	28.99
9/19/22 Total Tonnage		**555.11**

Ticket Number	Date	Tons
75779	9/20/2022	27.7
75780	9/20/2022	29.97
9/20/22 Total Tonnage		**57.67**

Ticket Number	Date	Tons
76154	9/26/2022	11.45
76161	9/26/2022	15.36
76164	9/26/2022	15.71
76168	9/26/2022	17.26
76170	9/26/2022	15.88
9/26/22 Total Tonnage		**75.66**

Ticket Number	Date	Tons
76241	9/28/2022	11.24
76246	9/28/2022	12.92
76266	9/28/2022	14
9/28/22 Total Tonnage		**38.16**

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
76434	9/30/2022	26.68
76435	9/30/2022	27.51
76438	9/30/2022	27.91
76443	9/30/2022	28.14
76444	9/30/2022	28.49
76447	9/30/2022	28.47
76449	9/30/2022	28.24
76458	9/30/2022	29.86
76462	9/30/2022	29.49
76465	9/30/2022	30.6
76466	9/30/2022	29.37
76471	9/30/2022	30.3
76473	9/30/2022	30.52
76474	9/30/2022	30.42
76475	9/30/2022	31.07
76479	9/30/2022	30.65
76480	9/30/2022	26.83
76482	9/30/2022	30.27
76483	9/30/2022	30.17
76486	9/30/2022	30.58
76487	9/30/2022	28.05
76488	9/30/2022	30.44
76491	9/30/2022	31.25
76499	9/30/2022	31.48
76504	9/30/2022	32.77
76508	9/30/2022	32.42
76511	9/30/2022	31.84
76512	9/30/2022	31.36
76515	9/30/2022	31.21
76516	9/30/2022	31.44
76520	9/30/2022	30.69
76522	9/30/2022	31.26
76525	9/30/2022	30.57
76526	9/30/2022	30.72
76529	9/30/2022	30.57
76531	9/30/2022	29.92
76534	9/30/2022	30.03
76535	9/30/2022	29.8
76538	9/30/2022	31.18
76540	9/30/2022	31.08
76544	9/30/2022	30.33

Waste Disposal Documentation
PACCAR Site
Tukwila, Washington
Farallon PN: 1353-001

Ticket Number	Date	Tons
76545	9/30/2022	31.24
76547	9/30/2022	31.96
76548	9/30/2022	30.93
76550	9/30/2022	30.95
76551	9/30/2022	31.08
76553	9/30/2022	32.66
76554	9/30/2022	32.6
76556	9/30/2022	28.16
76557	9/30/2022	32.78
9/30/22 Total Tonnage		**1516.34**

Total: 5382.30

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 74758

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/22/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTG92
Container
Driver BRIAN COTTRELL
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/22/2022 13:36:36	Scale 1	kfunk2		Gross	80780 lb
Out	08/22/2022 13:36:36		kfunk2		Tare	38280 lb
					Net	42500 lb
					Tons	21.25

Comments DTG - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	21.25	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	21.25	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 74759
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	08/22/2022	Vehicle#	C99
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAN MARSHALL
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/22/2022 13:46:54	Scale 1	kfunk2		Gross	81840 lb
Out	08/22/2022 13:55:39	Scale 1	kfunk2		Tare	37540 lb
					Net	44300 lb
					Tons	22.15

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	22.15	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	22.15	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174089

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1849T
Container
Driver GINNY GACEK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 09:29:53	SCALE 1	lmercer	
Out	12/07/2021 09:29:53		lmercer	

Gross	105280 lb
Tare	45580 lb
Net	59700 lb
Tons	29.85

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.85	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	29.85	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174094

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1849T
Container
Driver GINNY GACEK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 10:13:43	SCALE 1	lmercer	
Out	12/07/2021 10:13:43		lmercer	

Gross	102260 lb
Tare	45580 lb
Net	56680 lb
Tons	28.34

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.34	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.34	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Ginny

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174108

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1849T
Container
Driver GINNY GACEK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 12:31:46	SCALE 1	lmercer	
Out	12/07/2021 12:31:46		lmercer	

Gross	105380 lb
Tare	45580 lb
Net	59800 lb
Tons	29.90

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.90	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	29.90	Tons				

Total Tax
Total Ticket

Driver's Signature Ginny

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174101

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1849T
Container
Driver GINNY GACEK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 10:59:45	SCALE 1	lmercer	
Out	12/07/2021 10:59:45		lmercer	

Gross	102880 lb
Tare	45580 lb
Net	57300 lb
Tons	28.65

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.65	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.65	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Ginny

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174077

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1849
Container
Driver GINNY GACEK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 07:42:57	SCALE 1	lmercer	
Out	12/07/2021 07:53:36	SCALE 1	lmercer	

Gross	86360 lb
Tare	45580 lb
Net	40780 lb
Tons	20.39

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	20.39	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	20.39	Tons				KING

Total Tax
Total Ticket

Driver's Signature Ginny

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174113

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1849T
Container
Driver GINNY GACEK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 13:32:15	SCALE 1	lmercer		Gross	103760 lb
Out	12/07/2021 13:32:15		lmercer		Tare	45580 lb
					Net	58180 lb
					Tons	29.09

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.09	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	29.09	Tons				

Total Tax
Total Ticket

Driver's Signature Ginny

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174080

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1842T
Container
Driver GINA AVERSANO
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 08:00:50	SCALE 1	lmercer	
Out	12/07/2021 08:11:34	SCALE 1	lmercer	

Gross	101640 lb
Tare	43960 lb
Net	57680 lb
Tons	28.84

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.84	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	28.84	Tons				

Total Tax
Total Ticket

Driver's Signature Gina

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174085

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1842T
Container
Driver GINA AVERSANO
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 08:57:54	SCALE 1	lmercer	
Out	12/07/2021 08:57:54		lmercer	

Gross	101000 lb
Tare	43960 lb
Net	57040 lb
Tons	28.52

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.52	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	28.52	Tons				

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174091

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1842T
Container
Driver GINA AVERSANO
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 09:42:47	SCALE 1	lmercer	
Out	12/07/2021 09:42:47		lmercer	

Gross	102760 lb
Tare	43960 lb
Net	58800 lb
Tons	29.40

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.40	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	29.40	Tons				

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174096

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1842T
Container
Driver GINA AVERSANO
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 10:35:13	SCALE 1	lmercer		Gross	104240 lb
Out	12/07/2021 10:35:13		lmercer		Tare	43960 lb
					Net	60280 lb
					Tons	30.14

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	30.14	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	30.14	Tons				

Total Tax
Total Ticket

Driver's Signature Gina

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174110

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1842T
Container
Driver GINA AVERSANO
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 12:55:10	SCALE 1	lmercer	
Out	12/07/2021 12:55:10		lmercer	

Gross	104840 lb
Tare	43960 lb
Net	60880 lb
Tons	30.44

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	30.44	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	30.44	Tons				

Total Tax
Total Ticket

Driver`s Signature Gina

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174103

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1842T
Container
Driver GINA AVERSANO
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 12:03:35	SCALE 1	lmercer	
Out	12/07/2021 12:03:35		lmercer	

Gross	103060 lb
Tare	43960 lb
Net	59100 lb
Tons	29.55

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.55	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	29.55	Tons				KING

Total Tax
Total Ticket

Driver's Signature Gina

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174114

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1850T
Container
Driver FORD WHITE
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 14:07:20	SCALE 1	lmercer		Gross	93420 lb
Out	12/07/2021 14:07:20		lmercer		Tare	48280 lb
					Net	45140 lb
					Tons	22.57

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	22.57	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	22.57	Tons				

Total Tax
Total Ticket

Driver`s Signature Fred

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174111

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1850T
Container
Driver FORD WHITE
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 13:11:03	SCALE 1	lmercer		Gross	110220 lb
Out	12/07/2021 13:11:03		lmercer		Tare	48280 lb
					Net	61940 lb
					Tons	30.97

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	30.97	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	30.97	Tons				

Total Tax
Total Ticket

Driver`s Signature Ford

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174105

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1850T
Container
Driver FORD WHITE
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 12:12:34	SCALE 1	lmercer		Gross	104540 lb
Out	12/07/2021 12:12:34		lmercer		Tare	48280 lb
					Net	56260 lb
					Tons	28.13

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.13	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	28.13	Tons				

Total Tax
Total Ticket

Driver`s Signature Ford

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174098

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1850T
Container
Driver FORD WHITE
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 10:51:57	SCALE 1	lmercer	
Out	12/07/2021 10:51:57		lmercer	

Gross	114900 lb
Tare	48280 lb
Net	66620 lb
Tons	33.31

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	33.31	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	33.31	Tons				

Total Tax
Total Ticket

Driver`s Signature Ford

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174093

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1850T
Container
Driver FORD WHITE
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 10:01:12	SCALE 1	lmercer	
Out	12/07/2021 10:01:12		lmercer	

Gross	106740 lb
Tare	48280 lb
Net	58460 lb
Tons	29.23

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.23	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	29.23	Tons				

Total Tax
Total Ticket

Driver`s Signature Ford

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174086

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1850T
Container
Driver FORD WHITE
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 09:00:39	SCALE 1	lmercer		Gross	105020 lb
Out	12/07/2021 09:00:39		lmercer		Tare	48280 lb
					Net	56740 lb
					Tons	28.37

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.37	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	28.37	Tons				

Total Tax
Total Ticket

Driver`s Signature Ford

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174081

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1850T
Container
Driver FORD WHITE
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 08:06:44	SCALE 1	lmercer	
Out	12/07/2021 08:16:16	SCALE 1	lmercer	

Gross	105240 lb
Tare	48280 lb
Net	56960 lb
Tons	28.48

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWRCS-Tons-E	100	28.48	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.48	Tons				KING

Total Tax
Total Ticket

Driver's Signature Ford

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174082

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1849T
Container
Driver GINNY GACEK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 08:40:34	SCALE 1	lmercer		Gross	107800 lb
Out	12/07/2021 08:40:34		lmercer		Tare	45580 lb
					Net	62220 lb
					Tons	31.11

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	31.11	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	31.11	Tons				

Total Tax
Total Ticket

Driver`s Signature Ginny

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174078

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1844T
Container
Driver LINO FRIAS
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 07:45:51	SCALE 1	lmercer	
Out	12/07/2021 07:57:25	SCALE 1	lmercer	

Gross	91400 lb
Tare	43520 lb
Net	47880 lb
Tons	23.94

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	23.94	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	23.94	Tons				

Total Tax
Total Ticket

Driver`s Signature Lino

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174083

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1844T
Container
Driver LINO FRIAS
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 08:43:48	SCALE 1	lmercer	
Out	12/07/2021 08:43:48		lmercer	

Gross	101700 lb
Tare	43520 lb
Net	58180 lb
Tons	29.09

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.09	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	29.09	Tons				KING

Total Tax
Total Ticket

Driver's Signature 

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174095

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1844T
Container
Driver LINO FRIAS
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 10:22:37	SCALE 1	lmercer	
Out	12/07/2021 10:22:37		lmercer	

Gross	104440 lb
Tare	43520 lb
Net	60920 lb
Tons	30.46

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	30.46	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	30.46	Tons				

Total Tax
Total Ticket

Driver`s Signature Lino

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174090

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1844T
Container
Driver LINO FRIAS
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 09:33:16	SCALE 1	lmercer	
Out	12/07/2021 09:33:16		lmercer	

Gross	102160 lb
Tare	43520 lb
Net	58640 lb
Tons	29.32

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	29.32	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	29.32	Tons				

Total Tax
Total Ticket

Driver's Signature Lino

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174102

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1844T
Container
Driver LINO FRIAS
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 11:08:44	SCALE 1	lmercer		Gross	100280 lb
Out	12/07/2021 11:08:44		lmercer		Tare	43520 lb
					Net	56760 lb
					Tons	28.38

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.38	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	28.38	Tons				

Total Tax
Total Ticket

Driver`s Signature Lino

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174109

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1844T
Container
Driver LINO FRIAS
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 12:33:56	SCALE 1	lmercer		Gross	100640 lb
Out	12/07/2021 12:33:56		lmercer		Tare	43520 lb
					Net	57120 lb
					Tons	28.56

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.56	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.56	Tons				KING

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174112

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1843
Container
Driver GREG BRATZ
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 13:22:10	SCALE 1	lmercer		Gross	98820 lb
Out	12/07/2021 13:22:10		lmercer		Tare	42280 lb
					Net	56540 lb
					Tons	28.27

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.27	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	28.27	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174106

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1843
Container
Driver GREG BRATZ
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 12:16:18	SCALE 1	lmercer	
Out	12/07/2021 12:16:18		lmercer	

Gross	99000 lb
Tare	42280 lb
Net	56720 lb
Tons	28.36

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	28.36	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	28.36	Tons				

Total Tax
Total Ticket

Driver's Signature Greg

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 174097

Ph: 206 763 5025

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1843
Container
Driver GREG BRATZ
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 10:46:04	SCALE 1	lmercer		Gross	107300 lb
Out	12/07/2021 10:46:04		lmercer		Tare	42280 lb
					Net	65020 lb
					Tons	32.51

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	32.51	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	32.51	Tons				

Total Tax
Total Ticket

Driver`s Signature G. Bratz

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174084

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1843
Container
Driver GREG BRATZ
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	12/07/2021 08:50:09	SCALE 1	lmercer		Gross	104660 lb
Out	12/07/2021 08:50:09		lmercer		Tare	42280 lb
					Net	62380 lb
					Tons	31.19

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	31.19	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	31.19	Tons				

Total Tax
Total Ticket

Driver`s Signature Greg

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174079

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1843
Container
Driver GREG BRATZ
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 07:50:56	SCALE 1	lmercer	
Out	12/07/2021 08:08:28	SCALE 1	lmercer	

Gross	107360 lb
Tare	44280 lb
Net	63080 lb
Tons	31.54

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	31.54	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	31.54	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 174092

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 12/07/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/116643WA

Carrier SELF HAULER *
Vehicle# H1843
Container
Driver GREG BRATZ
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound
In	12/07/2021 09:56:10	SCALE 1	lmercer	
Out	12/07/2021 09:56:10		lmercer	

Gross	107400 lb
Tare	42280 lb
Net	65120 lb
Tons	32.56

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-Tons-E	100	32.56	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	32.56	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75077

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	08/31/2022	Vehicle#	ESS3 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JOSHUE WHEATLEY
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	08/31/2022 08:25:25	Scale 1	kfunk2		Gross	46460 lb
Out	08/31/2022 08:31:21	Scale 1	kfunk2		Tare	26460 lb
					Net	20000 lb
					Tons	10.00

Comments EES-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	10.00	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	10.00	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75086

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/31/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/31/2022 09:53:41	Scale 1	kfunk2		Gross	48480 lb
Out	08/31/2022 09:53:41		kfunk2		Tare	26460 lb
					Net	22020 lb
					Tons	11.01

Comments EDD-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	11.01	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	11.01	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75091
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	08/31/2022	Vehicle#	ESS3
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JOSHUA WHEATLEY
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/31/2022 10:35:09	Scale 1	kfunk2		Gross	48640 lb
Out	08/31/2022 10:35:09		kfunk2		Tare	26460 lb
					Net	22180 lb
					Tons	11.09

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	11.09	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	11.09	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75094
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	08/31/2022	Vehicle#	ESS3	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	JOSHUA WHEATLEY		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	08/31/2022 10:57:20	Scale 1	kfunk2		Gross	52340 lb
Out	08/31/2022 10:57:20		kfunk2		Tare	26460 lb
					Net	25880 lb
					Tons	12.94

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	12.94	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	12.94	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature JW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75101

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	08/31/2022	Vehicle#	ESS3 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JOSHUA WHEATLEY
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	08/31/2022 11:30:42	Scale 1	kfunk2		Gross	51720 lb
Out	08/31/2022 11:30:42		kfunk2		Tare	26460 lb
					Net	25260 lb
					Tons	12.63

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	12.63	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	12.63	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75108
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/31/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/31/2022 12:22:09	Scale 1	kfunk2		Gross	53840 lb
Out	08/31/2022 12:22:09		kfunk2		Tare	26460 lb
					Net	27380 lb
					Tons	13.69

Comments EES-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	13.69	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	13.69	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75118

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/31/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/31/2022 13:09:33	Scale 1	kfunk2		Gross	51720 lb
Out	08/31/2022 13:09:33		kfunk2		Tare	26460 lb
					Net	25260 lb
					Tons	12.63

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	12.63	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	12.63	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75197

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/07/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTG43
Container
Driver ARLIE IBANEZ
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/07/2022 08:05:52	Scale 1	kfunk2		Gross	54700 lb
Out	09/07/2022 08:14:15	Scale 1	kfunk2		Tare	26160 lb
					Net	28540 lb
					Tons	14.27

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.27	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.27	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75198
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/07/2022	Vehicle#	DTG43
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ARLIE IBANEZ
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/07/2022 08:48:33	Scale 1	kfunk2		Gross	59280 lb
Out	09/07/2022 08:48:33		kfunk2		Tare	26160 lb
					Net	33120 lb
					Tons	16.56

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	16.56	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	16.56	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75203
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/07/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTGA3
Container
Driver ARLIE IBANEZ
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/07/2022 09:22:26	Scale 1	kfunk2		Gross	59520 lb
Out	09/07/2022 09:22:26		kfunk2		Tare	26160 lb
					Net	33360 lb
					Tons	16.68

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	16.68	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	16.68	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75205

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/07/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTGA3
Container
Driver ARLIE IBANEZ
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/07/2022 09:53:11	Scale 1	kfunk2		Gross	57300 lb
Out	09/07/2022 09:53:11		kfunk2		Tare	26160 lb
					Net	31140 lb
					Tons	15.57

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.57	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.57	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75208

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/07/2022	Vehicle#	DTGA3 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ARLIE IBANEZ
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/07/2022 10:25:14	Scale 1	kfunk2		Gross	57520 lb
Out	09/07/2022 10:25:14		kfunk2		Tare	26160 lb
					Net	31360 lb
					Tons	15.68

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.68	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.68	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75212

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/07/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTGA3
Container
Driver ARLIE IBANEZ
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/07/2022 10:57:56	Scale 1	kfunk2		Gross	55600 lb
Out	09/07/2022 10:57:56		kfunk2		Tare	26160 lb
					Net	29440 lb
					Tons	14.72

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.72	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	14.72	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75215

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/07/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTGA3 Volume
Container
Driver ARLIE IBANEZ
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/07/2022 11:34:25	Scale 1	kfunk2		Gross	55300 lb
Out	09/07/2022 11:34:25		kfunk2		Tare	26160 lb
					Net	29140 lb
					Tons	14.57

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.57	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.57	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75220
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/07/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTGA3
Container
Driver ARLIE IBANEZ
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/07/2022 12:05:30	Scale 1	kfunk2		Gross	60520 lb
Out	09/07/2022 12:05:30		kfunk2		Tare	26160 lb
					Net	34360 lb
					Tons	17.18

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	17.18	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	17.18	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75225
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/07/2022	Vehicle#	DTGA3
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ARLIE IBANEZ
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/07/2022 12:58:50	Scale 1	kfunk2		Gross	59100 lb
Out	09/07/2022 12:58:50		kfunk2		Tare	26160 lb
					Net	32940 lb
					Tons	16.47

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	16.47	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	16.47	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75249

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/08/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTG21 Volume
Container
Driver ANNA KOST
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/08/2022 08:47:53	Scale 1	kfunk2		Gross	51920 lb
Out	09/08/2022 08:56:07	Scale 1	kfunk2		Tare	22040 lb
					Net	29880 lb
					Tons	14.94

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.94	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.94	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75256

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/08/2022	Vehicle#	DTG21 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANNA KOST
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/08/2022 09:26:17	Scale 1	kfunk2		Gross	54220 lb
Out	09/08/2022 09:26:17		kfunk2		Tare	22040 lb
					Net	32180 lb
					Tons	16.09

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	16.09	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	16.09	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75262

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/08/2022	Vehicle#	DTG21 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANNA KOST
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/08/2022 10:02:11	Scale 1	kfunk2		Gross	56040 lb
Out	09/08/2022 10:02:11		kfunk2		Tare	22040 lb
					Net	34000 lb
					Tons	17.00

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	17.00	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	17.00	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75267

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/08/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTG21 Volume
Container
Driver ANNA KOST
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/08/2022 10:36:29	Scale 1	kfunk2		Gross	54380 lb
Out	09/08/2022 10:36:29		kfunk2		Tare	22040 lb
					Net	32340 lb
					Tons	16.17

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	16.17	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	16.17	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75277

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/08/2022	Vehicle#	DTG21 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANNA KOST
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/08/2022 11:22:42	Scale 1	kfunk2		Gross	53400 lb
Out	09/08/2022 11:22:42		kfunk2		Tare	22040 lb
					Net	31360 lb
					Tons	15.68

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.68	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.68	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature AK

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75284

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/08/2022	Vehicle#	DTG21 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANNA KOST
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/08/2022 12:15:01	Scale 1	kfunk2		Gross	51900 lb
Out	09/08/2022 12:15:01		kfunk2		Tare	22040 lb
					Net	29860 lb
					Tons	14.93

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.93	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.93	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75290
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/08/2022	Vehicle#	DTG21
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANNA KOST
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/08/2022 12:59:18	Scale 1	kfunk2		Gross	53820 lb
Out	09/08/2022 12:59:18		kfunk2		Tare	22040 lb
					Net	31780 lb
					Tons	15.89

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.89	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.89	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature AK

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75298

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/08/2022	Vehicle#	DTG21 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANNA KOST
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/08/2022 13:41:47	Scale 1	kfunk2		Gross	56500 lb
Out	09/08/2022 13:41:47		kfunk2		Tare	22040 lb
					Net	34460 lb
					Tons	17.23

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	17.23	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	17.23	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75320

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/09/2022	Vehicle#	ESS3 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JOSHUA WHEATLEY
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/09/2022 08:02:29	Scale 1	kfunk2		Gross	53020 lb
Out	09/09/2022 08:02:29		kfunk2		Tare	26460 lb
					Net	26560 lb
					Tons	13.28

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	13.28	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	13.28	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75325
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/09/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/09/2022 08:27:44	Scale 1	kfunk2		Gross	54400 lb
Out	09/09/2022 08:27:44		kfunk2		Tare	26460 lb
					Net	27940 lb
					Tons	13.97

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	13.97	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	13.97	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75336

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/09/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/09/2022 09:00:29	Scale 1	kfunk2		Gross	55980 lb
Out	09/09/2022 09:00:29		kfunk2		Tare	26460 lb
					Net	29520 lb
					Tons	14.76

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.76	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.76	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75343

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/09/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/09/2022 09:30:21	Scale 1	kfunk2		Gross	56660 lb
Out	09/09/2022 09:30:21		kfunk2		Tare	26460 lb
					Net	30200 lb
					Tons	15.10

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.10	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.10	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75339
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/09/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTGA4
Container
Driver ELAINA ANDERSON
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/09/2022 09:19:57	Scale 1	kfunk2		Gross	57180 lb
Out	09/09/2022 09:32:35	Scale 1	kfunk2		Tare	26420 lb
					Net	30760 lb
					Tons	15.38

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.38	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.38	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75350
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/09/2022	Vehicle#	DTGA4	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ELAINA ANDERSON		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/09/2022 09:53:41	Scale 1	kfunk2		Gross	57520 lb
Out	09/09/2022 09:53:41		kfunk2		Tare	26420 lb
					Net	31100 lb
					Tons	15.55

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.55	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.55	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75351

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/09/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/09/2022 09:55:07	Scale 1	kfunk2		Gross	55620 lb
Out	09/09/2022 09:55:07		kfunk2		Tare	26460 lb
					Net	29160 lb
					Tons	14.58

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.58	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.58	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature JW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75359

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/09/2022	Vehicle#	DTGA4	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ELAINA ANDERSON		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/09/2022 10:20:13	Scale 1	kfunk2		Gross	58740 lb
Out	09/09/2022 10:20:13		kfunk2		Tare	26420 lb
					Net	32320 lb
					Tons	16.16

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	16.16	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	16.16	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature EA

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75364

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/09/2022	Vehicle#	DTGA4 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ELAINA ANDERSON
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/09/2022 10:44:30	Scale 1	kfunk2		Gross	57440 lb
Out	09/09/2022 10:44:30		kfunk2		Tare	26420 lb
					Net	31020 lb
					Tons	15.51

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.51	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.51	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature EA

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75373

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/09/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/09/2022 11:07:24	Scale 1	kfunk2		Gross	54000 lb
Out	09/09/2022 11:07:24		kfunk2		Tare	26460 lb
					Net	27540 lb
					Tons	13.77

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	13.77	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	13.77	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75388

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/09/2022	Vehicle#	DTGA4 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ELAINA ANDERSON
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/09/2022 12:11:56	Scale 1	kfunk2		Gross	57100 lb
Out	09/09/2022 12:11:56		kfunk2		Tare	26420 lb
					Net	30680 lb
					Tons	15.34

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.34	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.34	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75395

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/09/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTGA4
Container
Driver ELAINA ANDERSON
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/09/2022 12:40:10	Scale 1	kfunk2		Gross	58060 lb
Out	09/09/2022 12:40:10		kfunk2		Tare	26420 lb
					Net	31640 lb
					Tons	15.82

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.82	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.82	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature EA

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75428

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/12/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781 Volume
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/12/2022 07:45:59	Scale 1	kfunk2		Gross	100220 lb
Out	09/12/2022 07:45:59		kfunk2		Tare	42700 lb
					Net	57520 lb
					Tons	28.76

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.76	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	28.76	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature KB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75434

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/12/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/12/2022 08:19:53	Scale 1	kfunk2		Gross	105240 lb
Out	09/12/2022 08:19:53		kfunk2		Tare	42700 lb
					Net	62540 lb
					Tons	31.27

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.27	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	31.27	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75435

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/12/2022	Vehicle#	H1781 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	KELLY BRIDE
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/12/2022 08:49:34	Scale 1	kfunk2		Gross	101760 lb
Out	09/12/2022 08:49:34		kfunk2		Tare	42700 lb
					Net	59060 lb
					Tons	29.53

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.53	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	29.53	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature KB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75441

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/12/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/12/2022 09:17:03	Scale 1	kfunk2		Gross	102080 lb
Out	09/12/2022 09:17:03		kfunk2		Tare	42700 lb
					Net	59380 lb
					Tons	29.69

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.69	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	29.69	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75444

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/12/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/12/2022 09:49:16	Scale 1	kfunk2		Gross	107800 lb
Out	09/12/2022 09:49:16		kfunk2		Tare	42700 lb
					Net	65100 lb
					Tons	32.55

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	32.55	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.55	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75451

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/12/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/12/2022 10:28:12	Scale 1	kfunk2		Gross	94620 lb
Out	09/12/2022 10:28:12		kfunk2		Tare	42700 lb
					Net	51920 lb
					Tons	25.96

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	25.96	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	25.96	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature KJB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75610
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/16/2022	Vehicle#	H1755
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JESSE SMITH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	99400 lb
In	09/16/2022 07:25:16	Scale 1	kfunk2		Tare	46220 lb
Out	09/16/2022 07:34:14	Scale 1	kfunk2		Net	53180 lb
					Tons	26.59

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.59	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.59	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75613

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 07:40:51	Scale 1	kfunk2		Gross	97600 lb
Out	09/16/2022 07:54:41	Scale 1	kfunk2		Tare	43160 lb
					Net	54440 lb
					Tons	27.22

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.22	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.22	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75614

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1755
Container
Driver JESSE SMITH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 07:57:46	Scale 1	kfunk2		Gross	98520 lb
Out	09/16/2022 07:57:46		kfunk2		Tare	46220 lb
					Net	52300 lb
					Tons	26.15

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.15	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	26.15	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75617

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/16/2022	Vehicle#	H1771	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	PAUL BARTOS		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/16/2022 08:14:02	Scale 1	kfunk2		Gross	99240 lb
Out	09/16/2022 08:14:02		kfunk2		Tare	43160 lb
					Net	56080 lb
					Tons	28.04

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.04	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.04	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75624

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771 Volume
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

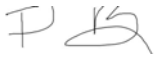
	Time	Scale	Operator	Inbound		
In	09/16/2022 08:46:00	Scale 1	kfunk2		Gross	100660 lb
Out	09/16/2022 08:46:00		kfunk2		Tare	43160 lb
					Net	57500 lb
					Tons	28.75

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.75	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	28.75	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature



WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75628
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/16/2022	Vehicle#	H1755	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	JESSE SMITH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/16/2022 08:57:07	Scale 1	kfunk2		Gross	104720 lb
Out	09/16/2022 08:57:07		kfunk2		Tare	46220 lb
					Net	58500 lb
					Tons	29.25

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.25	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	29.25	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature JS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75630

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:17:49	Scale 1	kfunk2		Gross	100480 lb
Out	09/16/2022 09:17:49		kfunk2		Tare	43160 lb
					Net	57320 lb
					Tons	28.66

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.66	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.66	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75631

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1755
Container
Driver JESSE SMITH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:21:33	Scale 1	kfunk2		Gross	101440 lb
Out	09/16/2022 09:21:33		kfunk2		Tare	46220 lb
					Net	55220 lb
					Tons	27.61

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.61	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.61	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Void Reprint
Ticket# 75634

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# CTI420 Volume
Container
Driver PERRY CABARTEJA
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:32:46	Scale 1	kfunk2		Gross	99680 lb
Out	09/16/2022 09:32:46		kfunk2		Tare	41720 lb
					Net	57960 lb
					Tons	28.98

Comments CTI-*KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.98	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.98	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PC

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75639

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771 Volume
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:44:43	Scale 1	kfunk2		Gross	101780 lb
Out	09/16/2022 09:44:43		kfunk2		Tare	43160 lb
					Net	58620 lb
					Tons	29.31

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.31	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.31	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75640

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/16/2022	Vehicle#	H1755	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	JESSE SMITH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:49:04	Scale 1	kfunk2		Gross	103940 lb
Out	09/16/2022 09:49:04		kfunk2		Tare	46220 lb
					Net	57720 lb
					Tons	28.86

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.86	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.86	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature JS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75643

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 10:09:55	Scale 1	kfunk2		Gross	102980 lb
Out	09/16/2022 10:09:55		kfunk2		Tare	43160 lb
					Net	59820 lb
					Tons	29.91

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.91	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.91	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75650

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/16/2022	Vehicle#	H1771	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	PAUL BARTOS		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/16/2022 10:38:46	Scale 1	kfunk2		Gross	103100 lb
Out	09/16/2022 10:38:46		kfunk2		Tare	43160 lb
					Net	59940 lb
					Tons	29.97

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.97	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	29.97	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75652

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1755
Container
Driver JESSE SMITH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	Tare	Net	Tons
In	09/16/2022 10:46:20	Scale 1	kfunk2		104980 lb	46220 lb	58760 lb	29.38
Out	09/16/2022 10:46:20		kfunk2					

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.38	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.38	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75656
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1755
Container
Driver JESSE SMITH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 11:08:34	Scale 1	kfunk2		Gross	101800 lb
Out	09/16/2022 11:08:34		kfunk2		Tare	46220 lb
					Net	55580 lb
					Tons	27.79

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.79	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.79	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature JS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75662

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/16/2022	Vehicle#	H1755
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JESSE SMITH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 11:38:23	Scale 1	kfunk2		Gross	103200 lb
Out	09/16/2022 11:38:23		kfunk2		Tare	46220 lb
					Net	56980 lb
					Tons	28.49

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.49	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.49	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75663

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 11:45:01	Scale 1	kfunk2		Gross	100740 lb
Out	09/16/2022 11:45:01		kfunk2		Tare	43160 lb
					Net	57580 lb
					Tons	28.79

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.79	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.79	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75668
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/16/2022	Vehicle#	H1755
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JESSE SMITH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 12:01:35	Scale 1	kfunk2		Gross	103100 lb
Out	09/16/2022 12:01:35		kfunk2		Tare	46220 lb
					Net	56880 lb
					Tons	28.44

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.44	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	28.44	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature JS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75672
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/16/2022	Vehicle#	H1771	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	PAUL BARTOS		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/16/2022 12:17:18	Scale 1	kfunk2		Gross	105380 lb
Out	09/16/2022 12:17:18		kfunk2		Tare	43160 lb
					Net	62220 lb
					Tons	31.11

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.11	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.11	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75674
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/16/2022	Vehicle#	H1755
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JESSE SMITH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 12:28:55	Scale 1	kfunk2		Gross	105280 lb
Out	09/16/2022 12:28:55		kfunk2		Tare	46220 lb
					Net	59060 lb
					Tons	29.53

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.53	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.53	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature JS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75676

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 12:44:18	Scale 1	kfunk2		Gross	98720 lb
Out	09/16/2022 12:44:18		kfunk2		Tare	43160 lb
					Net	55560 lb
					Tons	27.78

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.78	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.78	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75681

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1755
Container
Driver JESSE SMITH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 13:00:21	Scale 1	kfunk2		Gross	103960 lb
Out	09/16/2022 13:00:21		kfunk2		Tare	46220 lb
					Net	57740 lb
					Tons	28.87

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.87	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.87	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75682

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/16/2022 13:09:50	Scale 1	kfunk2		Gross	101220 lb
Out	09/16/2022 13:09:50		kfunk2		Tare	43160 lb
					Net	58060 lb
					Tons	29.03

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.03	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.03	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75684

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1755 Volume
Container
Driver JESSE SMITH
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/16/2022 13:25:33	Scale 1	kfunk2		Gross	105220 lb
Out	09/16/2022 13:25:33		kfunk2		Tare	46220 lb
					Net	59000 lb
					Tons	29.50

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.50	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.50	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75685

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/16/2022	Vehicle#	H1771	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	PAUL BARTOS		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/16/2022 13:35:13	Scale 1	kfunk2		Gross	100960 lb
Out	09/16/2022 13:35:13		kfunk2		Tare	43160 lb
					Net	57800 lb
					Tons	28.90

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.90	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.90	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75693

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/19/2022	Vehicle#	H1771 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAUL BARTOS
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:20:32	Scale 1	kfunk2		Gross	105740 lb
Out	09/19/2022 08:20:32		kfunk2		Tare	43160 lb
					Net	62580 lb
					Tons	31.29

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.29	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.29	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75690

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/19/2022	Vehicle#	H1773 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROBERT WINROTH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:15:47	Scale 1	kfunk2		Gross	107800 lb
Out	09/19/2022 08:23:38	Scale 1	kfunk2		Tare	43140 lb
					Net	64660 lb
					Tons	32.33

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	32.33	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.33	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature RW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75698

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1773 Volume
Container
Driver ROBERT WINROTH
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:50:13	Scale 1	kfunk2		Gross	102460 lb
Out	09/19/2022 08:50:13		kfunk2		Tare	43140 lb
					Net	59320 lb
					Tons	29.66

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.66	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.66	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75700

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1771	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	PAUL BARTOS		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:55:41	Scale 1	kfunk2		Gross	102480 lb
Out	09/19/2022 08:55:41		kfunk2		Tare	43160 lb
					Net	59320 lb
					Tons	29.66

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.66	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.66	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75705

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1773	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ROBERT WINROTH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:17:53	Scale 1	kfunk2		Gross	98580 lb
Out	09/19/2022 09:17:53		kfunk2		Tare	43140 lb
					Net	55440 lb
					Tons	27.72

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.72	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.72	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75708

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1771	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	PAUL BARTOS		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:29:28	Scale 1	kfunk2		Gross	95360 lb
Out	09/19/2022 09:29:28		kfunk2		Tare	43160 lb
					Net	52200 lb
					Tons	26.10

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.10	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.10	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75714

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1773	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ROBERT WINROTH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:47:09	Scale 1	kfunk2		Gross	92320 lb
Out	09/19/2022 09:47:09		kfunk2		Tare	43140 lb
					Net	49180 lb
					Tons	24.59

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	24.59	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	24.59	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature RW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75715

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1771	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	PAUL BARTOS		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:56:38	Scale 1	kfunk2		Gross	91940 lb
Out	09/19/2022 09:56:38		kfunk2		Tare	43160 lb
					Net	48780 lb
					Tons	24.39

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	24.39	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	24.39	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75721

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1773
Container
Driver ROBERT WINROTH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:20:44	Scale 1	kfunk2		Gross	93380 lb
Out	09/19/2022 10:20:44		kfunk2		Tare	43140 lb
					Net	50240 lb
					Tons	25.12

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	25.12	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	25.12	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75722
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/19/2022	Vehicle#	H1771
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAUL BARTOS
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:28:28	Scale 1	kfunk2		Gross	95160 lb
Out	09/19/2022 10:28:28		kfunk2		Tare	43160 lb
					Net	52000 lb
					Tons	26.00

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.00	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.00	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature PB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75731

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1773	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ROBERT WINROTH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:26:05	Scale 1	kfunk2		Gross	91540 lb
Out	09/19/2022 11:26:05		kfunk2		Tare	43140 lb
					Net	48400 lb
					Tons	24.20

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	24.20	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	24.20	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75733

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771 Volume
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:31:35	Scale 1	kfunk2		Gross	93200 lb
Out	09/19/2022 11:31:35		kfunk2		Tare	43160 lb
					Net	50040 lb
					Tons	25.02

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	25.02	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	25.02	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75735

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1773 Volume
Container
Driver ROBERT WINROTH
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:53:05	Scale 1	kfunk2		Gross	98560 lb
Out	09/19/2022 11:53:05		kfunk2		Tare	43140 lb
					Net	55420 lb
					Tons	27.71

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.71	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.71	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature RW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75738

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:05:56	Scale 1	kfunk2		Gross	91060 lb
Out	09/19/2022 12:05:56		kfunk2		Tare	43160 lb
					Net	47900 lb
					Tons	23.95

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	23.95	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	23.95	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75744

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1773	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ROBERT WINROTH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:25:44	Scale 1	kfunk2		Gross	101200 lb
Out	09/19/2022 12:25:44		kfunk2		Tare	43140 lb
					Net	58060 lb
					Tons	29.03

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.03	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.03	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75746

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771 Volume
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:33:39	Scale 1	kfunk2		Gross	105140 lb
Out	09/19/2022 12:33:39		kfunk2		Tare	43160 lb
					Net	61980 lb
					Tons	30.99

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.99	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.99	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75750

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/19/2022	Vehicle#	H1773	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ROBERT WINROTH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:55:39	Scale 1	kfunk2		Gross	100980 lb
Out	09/19/2022 12:55:39		kfunk2		Tare	43140 lb
					Net	57840 lb
					Tons	28.92

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.92	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.92	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature KW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75752

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1771 Volume
Container
Driver PAUL BARTOS
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:59:29	Scale 1	kfunk2		Gross	103620 lb
Out	09/19/2022 12:59:29		kfunk2		Tare	43160 lb
					Net	60460 lb
					Tons	30.23

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.23	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.23	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 75757

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1773 Volume
Container
Driver ROBERT WINROTH
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:22:48	Scale 1	kfunk2		Gross	101560 lb
Out	09/19/2022 13:22:48		kfunk2		Tare	43140 lb
					Net	58420 lb
					Tons	29.21

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.21	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.21	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75759
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/19/2022	Vehicle#	H1771
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAUL BARTOS
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:29:49	Scale 1	kfunk2		Gross	101140 lb
Out	09/19/2022 13:29:49		kfunk2		Tare	43160 lb
					Net	57980 lb
					Tons	28.99

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.99	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.99	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 75780
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/20/2022	Vehicle#	H1755	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	JESSE SMITH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/20/2022 07:42:33	Scale 1	kfunk2		Gross	106160 lb
Out	09/20/2022 07:42:33		kfunk2		Tare	46220 lb
					Net	59940 lb
					Tons	29.97

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.97	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.97	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature JS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 75779

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1772
Container
Driver JW
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/20/2022 07:37:47	Scale 1	kfunk2		Gross	98720 lb
Out	09/20/2022 07:46:57	Scale 1	kfunk2		Tare	43320 lb
					Net	55400 lb
					Tons	27.70

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.70	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.70	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature JW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76154
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/26/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# AREO22S
Container
Driver JEFF HARRIS
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/26/2022 13:12:06	Scale 1	kfunk2		Gross	48920 lb
Out	09/26/2022 13:19:21	Scale 1	kfunk2		Tare	26020 lb
					Net	22900 lb
					Tons	11.45

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	11.45	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	11.45	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76161
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/26/2022	Vehicle#	AREO22S
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEFF HARRIS
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/26/2022 13:55:27	Scale 1	kfunk2		Gross	56740 lb
Out	09/26/2022 13:55:27		kfunk2		Tare	26020 lb
					Net	30720 lb
					Tons	15.36

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.36	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.36	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76164
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/26/2022	Vehicle#	AERO22S
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEFF HARRIS
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/26/2022 14:36:32	Scale 1	kfunk2		Gross	57440 lb
Out	09/26/2022 14:36:32		kfunk2		Tare	26020 lb
					Net	31420 lb
					Tons	15.71

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.71	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	15.71	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76168

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/26/2022	Vehicle#	AERO22S Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEFF HARRIS
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/26/2022 15:08:09	Scale 1	kfunk2		Gross	60540 lb
Out	09/26/2022 15:08:09		kfunk2		Tare	26020 lb
					Net	34520 lb
					Tons	17.26

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	17.26	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	17.26	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76170

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/26/2022	Vehicle#	AERO22S
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEFF HARRIS
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/26/2022 15:43:47	Scale 1	kfunk2		Gross	57780 lb
Out	09/26/2022 15:43:47		kfunk2		Tare	26020 lb
					Net	31760 lb
					Tons	15.88

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.88	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.88	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76241
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/28/2022	Vehicle#	ESS3
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JOSHUA WHEATLEY
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

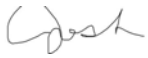
Volume

	Time	Scale	Operator	Inbound		
In	09/28/2022 07:32:02	Scale 1	kfunk2		Gross	48940 lb
Out	09/28/2022 07:32:02		kfunk2		Tare	26460 lb
					Net	22480 lb
					Tons	11.24

Comments ECO ST SERVICES - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	11.24	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	11.24	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76246

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/28/2022	Vehicle#	ESS3	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	JOSHUA WHEATLEY		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/28/2022 08:07:59	Scale 1	kfunk2		Gross	52300 lb
Out	09/28/2022 08:07:59		kfunk2		Tare	26460 lb
					Net	25840 lb
					Tons	12.92

Comments ESS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	12.92	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	12.92	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76266

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/28/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver JOSHUA WHEATLEY
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/28/2022 09:19:08	Scale 1	kfunk2		Gross	54460 lb
Out	09/28/2022 09:19:08		kfunk2		Tare	26460 lb
					Net	28000 lb
					Tons	14.00

Comments ECO ST - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.00	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.00	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76434
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	FORD WHITE
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	98500 lb
In	09/30/2022 07:29:33	Scale 1	kfunk2		Tare	45140 lb
Out	09/30/2022 07:36:58	Scale 1	kfunk2		Net	53360 lb
					Tons	26.68

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.68	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.68	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature FW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76435
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1761
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SHANE WALKER
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 07:33:51	Scale 1	kfunk2		Gross	99360 lb
Out	09/30/2022 07:46:53	Scale 1	kfunk2		Tare	44340 lb
					Net	55020 lb
					Tons	27.51

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.51	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.51	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76438

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1763
Container
Driver MIKE MCINTOSH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 07:43:45	Scale 1	kfunk2		Gross	99260 lb
Out	09/30/2022 07:54:29	Scale 1	kfunk2		Tare	43440 lb
					Net	55820 lb
					Tons	27.91

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.91	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.91	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76443
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1769	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ANDY STEENBERG		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 07:59:00	Scale 1	kfunk2		Gross	99220 lb
Out	09/30/2022 07:59:00		kfunk2		Tare	42940 lb
					Net	56280 lb
					Tons	28.14

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.14	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.14	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76444

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	FORD WHITE
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	102120 lb
In	09/30/2022 08:03:44	Scale 1	kfunk2		Tare	45140 lb
Out	09/30/2022 08:03:44		kfunk2		Net	56980 lb
					Tons	28.49

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.49	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.49	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature FW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76447

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1761
Container
Driver SHANE WALKER
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 08:10:43	Scale 1	kfunk2		Gross	101280 lb
Out	09/30/2022 08:10:43		kfunk2		Tare	44340 lb
					Net	56940 lb
					Tons	28.47

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.47	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.47	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76449

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1763	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	MIKE MCINTOSH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 08:20:03	Scale 1	kfunk2		Gross	99920 lb
Out	09/30/2022 08:20:03		kfunk2		Tare	43440 lb
					Net	56480 lb
					Tons	28.24

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.24	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.24	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76458
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1769	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ANDY STEENBERG		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 08:36:21	Scale 1	kfunk2		Gross	102660 lb
Out	09/30/2022 08:36:21		kfunk2		Tare	42940 lb
					Net	59720 lb
					Tons	29.86

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.86	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.86	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76462

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 08:48:45	Scale 1	kfunk2		Gross	104120 lb
Out	09/30/2022 08:48:45		kfunk2		Tare	45140 lb
					Net	58980 lb
					Tons	29.49

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.49	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	29.49	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature FW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76465

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 08:53:30	Scale 1	kfunk2		Gross	105540 lb
Out	09/30/2022 08:53:30		kfunk2		Tare	44340 lb
					Net	61200 lb
					Tons	30.60

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.60	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.60	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76466

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1763	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	MIKE MCINTOSH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 08:55:08	Scale 1	kfunk2		Gross	102180 lb
Out	09/30/2022 08:55:08		kfunk2		Tare	43440 lb
					Net	58740 lb
					Tons	29.37

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.37	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.37	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76471

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 09:18:34	Scale 1	kfunk2		Gross	103540 lb
Out	09/30/2022 09:18:34		kfunk2		Tare	42940 lb
					Net	60600 lb
					Tons	30.30

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.30	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.30	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76473

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 09:25:58	Scale 1	kfunk2		Gross	106180 lb
Out	09/30/2022 09:25:58		kfunk2		Tare	45140 lb
					Net	61040 lb
					Tons	30.52

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.52	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.52	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76474

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 09:27:39	Scale 1	kfunk2		Gross	105180 lb
Out	09/30/2022 09:27:39		kfunk2		Tare	44340 lb
					Net	60840 lb
					Tons	30.42

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.42	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.42	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76475
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE MCINTOSH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	105580 lb
In	09/30/2022 09:30:57	Scale 1	kfunk2		Tare	43440 lb
Out	09/30/2022 09:30:57		kfunk2		Net	62140 lb
					Tons	31.07

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.07	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.07	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76479
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 09:48:04	Scale 1	kfunk2		Gross	104240 lb
Out	09/30/2022 09:48:04		kfunk2		Tare	42940 lb
					Net	61300 lb
					Tons	30.65

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.65	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	30.65	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76480

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 09:58:22	Scale 1	kfunk2		Gross	98800 lb
Out	09/30/2022 09:58:22		kfunk2		Tare	45140 lb
					Net	53660 lb
					Tons	26.83

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.83	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.83	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76482
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1761
Container
Driver SHANE WALKER
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 10:01:27	Scale 1	kfunk2		Gross	104880 lb
Out	09/30/2022 10:01:27		kfunk2		Tare	44340 lb
					Net	60540 lb
					Tons	30.27

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.27	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.27	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76483

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1763	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	MIKE MCINTOSH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 10:02:57	Scale 1	kfunk2		Gross	103780 lb
Out	09/30/2022 10:02:57		kfunk2		Tare	43440 lb
					Net	60340 lb
					Tons	30.17

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.17	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.17	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76486

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 10:24:31	Scale 1	kfunk2		Gross	104100 lb
Out	09/30/2022 10:24:31		kfunk2		Tare	42940 lb
					Net	61160 lb
					Tons	30.58

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.58	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	30.58	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76487

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 10:29:05	Scale 1	kfunk2		Gross	101240 lb
Out	09/30/2022 10:29:05		kfunk2		Tare	45140 lb
					Net	56100 lb
					Tons	28.05

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.05	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.05	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76488

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 10:32:12	Scale 1	kfunk2		Gross	105220 lb
Out	09/30/2022 10:32:12		kfunk2		Tare	44340 lb
					Net	60880 lb
					Tons	30.44

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.44	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.44	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76491

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1763 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE MCINTOSH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

	Time	Scale	Operator	Inbound		
In	09/30/2022 10:37:45	Scale 1	kfunk2		Gross	105940 lb
Out	09/30/2022 10:37:45		kfunk2		Tare	43440 lb
					Net	62500 lb
					Tons	31.25

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.25	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.25	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76499

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 10:52:27	Scale 1	kfunk2		Gross	105900 lb
Out	09/30/2022 10:52:27		kfunk2		Tare	42940 lb
					Net	62960 lb
					Tons	31.48

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.48	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.48	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76504

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE MCINTOSH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 11:11:07	Scale 1	kfunk2		Gross	108980 lb
Out	09/30/2022 11:11:07		kfunk2		Tare	43440 lb
					Net	65540 lb
					Tons	32.77

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	32.77	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.77	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76508
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 11:21:12	Scale 1	kfunk2		Gross	107780 lb
Out	09/30/2022 11:21:12		kfunk2		Tare	42940 lb
					Net	64840 lb
					Tons	32.42

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	32.42	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.42	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76511

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 11:28:38	Scale 1	kfunk2		Gross	108820 lb
Out	09/30/2022 11:28:38		kfunk2		Tare	45140 lb
					Net	63680 lb
					Tons	31.84

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.84	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.84	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature FW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76512
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1761
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SHANE WALKER
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	107060 lb
In	09/30/2022 11:31:20	Scale 1	kfunk2		Tare	44340 lb
Out	09/30/2022 11:31:20		kfunk2		Net	62720 lb
					Tons	31.36

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.36	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.36	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76515

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:00:49	Scale 1	kfunk2		Gross	107560 lb
Out	09/30/2022 12:00:49		kfunk2		Tare	45140 lb
					Net	62420 lb
					Tons	31.21

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.21	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.21	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76516

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:02:38	Scale 1	kfunk2		Gross	107220 lb
Out	09/30/2022 12:02:38		kfunk2		Tare	44340 lb
					Net	62880 lb
					Tons	31.44

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.44	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.44	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76520
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE MCINTOSH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	104820 lb
In	09/30/2022 12:12:37	Scale 1	kfunk2		Tare	43440 lb
Out	09/30/2022 12:12:37		kfunk2		Net	61380 lb
					Tons	30.69

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.69	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.69	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76522
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1769
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY STEENBERG
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:23:31	Scale 1	kfunk2		Gross	105460 lb
Out	09/30/2022 12:23:31		kfunk2		Tare	42940 lb
					Net	62520 lb
					Tons	31.26

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.26	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.26	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76525

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:31:22	Scale 1	kfunk2		Gross	106280 lb
Out	09/30/2022 12:31:22		kfunk2		Tare	45140 lb
					Net	61140 lb
					Tons	30.57

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.57	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	30.57	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature FW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76526

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:34:16	Scale 1	kfunk2		Gross	105780 lb
Out	09/30/2022 12:34:16		kfunk2		Tare	44340 lb
					Net	61440 lb
					Tons	30.72

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.72	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.72	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76529
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1763
Container
Driver MIKE MCINTOSH
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:47:30	Scale 1	kfunk2		Gross	104580 lb
Out	09/30/2022 12:47:30		kfunk2		Tare	43440 lb
					Net	61140 lb
					Tons	30.57

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.57	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.57	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76531

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769 Volume
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:50:00	Scale 1	kfunk2		Gross	102780 lb
Out	09/30/2022 12:50:00		kfunk2		Tare	42940 lb
					Net	59840 lb
					Tons	29.92

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.92	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.92	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76534

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 12:59:17	Scale 1	kfunk2		Gross	105200 lb
Out	09/30/2022 12:59:17		kfunk2		Tare	45140 lb
					Net	60060 lb
					Tons	30.03

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.03	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.03	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature FW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76535
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 13:03:36	Scale 1	kfunk2		Gross	103940 lb
Out	09/30/2022 13:03:36		kfunk2		Tare	44340 lb
					Net	59600 lb
					Tons	29.80

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.80	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.80	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76538

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1763	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	MIKE MCINTOSH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 13:15:04	Scale 1	kfunk2		Gross	105800 lb
Out	09/30/2022 13:15:04		kfunk2		Tare	43440 lb
					Net	62360 lb
					Tons	31.18

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.18	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.18	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76540

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 13:19:11	Scale 1	kfunk2		Gross	105100 lb
Out	09/30/2022 13:19:11		kfunk2		Tare	42940 lb
					Net	62160 lb
					Tons	31.08

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.08	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.08	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76544

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 13:26:28	Scale 1	kfunk2		Gross	105800 lb
Out	09/30/2022 13:26:28		kfunk2		Tare	45140 lb
					Net	60660 lb
					Tons	30.33

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.33	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.33	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76545

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 13:31:17	Scale 1	kfunk2		Gross	106820 lb
Out	09/30/2022 13:31:17		kfunk2		Tare	44340 lb
					Net	62480 lb
					Tons	31.24

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.24	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.24	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 76547

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1763	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	MIKE MCINTOSH		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 13:42:29	Scale 1	kfunk2		Gross	107360 lb
Out	09/30/2022 13:42:29		kfunk2		Tare	43440 lb
					Net	63920 lb
					Tons	31.96

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.96	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.96	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76548
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1769
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY STEENBERG
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	104800 lb
In	09/30/2022 13:47:45	Scale 1	kfunk2		Tare	42940 lb
Out	09/30/2022 13:47:45		kfunk2		Net	61860 lb
					Tons	30.93

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.93	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	30.93	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76550
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	FORD WHITE
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 13:55:07	Scale 1	kfunk2		Gross	107040 lb
Out	09/30/2022 13:55:07		kfunk2		Tare	45140 lb
					Net	61900 lb
					Tons	30.95

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	30.95	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.95	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature FW

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76551
Ph: 206-694-0600

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1761
Container
Driver SHANE WALKER
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 14:01:22	Scale 1	kfunk2		Gross	106500 lb
Out	09/30/2022 14:01:22		kfunk2		Tare	44340 lb
					Net	62160 lb
					Tons	31.08

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.08	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.08	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76553
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF
Ticket Date	09/30/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE MCINTOSH
Route		Check#	
Hauling Ticket#		Billing#	0000121
Destination		Grid	
PO#	1973/137789OR		

Volume

	Time	Scale	Operator	Inbound	Gross	108760 lb
In	09/30/2022 14:15:12	Scale 1	kfunk2		Tare	43440 lb
Out	09/30/2022 14:15:12		kfunk2		Net	65320 lb
					Tons	32.66

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	32.66	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.66	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76554

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769 Volume
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	09/30/2022 14:17:30	Scale 1	kfunk2		Gross	108140 lb
Out	09/30/2022 14:17:30		kfunk2		Tare	42940 lb
					Net	65200 lb
					Tons	32.60

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	32.60	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.60	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 76556

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 09/30/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1767
Container
Driver FORD WHITE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/30/2022 14:25:57	Scale 1	kfunk2		Gross	101460 lb
Out	09/30/2022 14:25:57		kfunk2		Tare	45140 lb
					Net	56320 lb
					Tons	28.16

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.16	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	28.16	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 76557
Ph: 206-694-0600

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF SELF		
Ticket Date	09/30/2022	Vehicle#	H1761	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	SHANE WALKER		
Route		Check#			
Hauling Ticket#		Billing#	0000121		
Destination		Grid			
PO#	1973/137789OR				

	Time	Scale	Operator	Inbound		
In	09/30/2022 14:28:13	Scale 1	kfunk2		Gross	109900 lb
Out	09/30/2022 14:28:13		kfunk2		Tare	44340 lb
					Net	65560 lb
					Tons	32.78

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	32.78	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.78	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 77704

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 10/31/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3 Volume
Container
Driver ERIC LOEK
Check#
Billing# 0000121
Grid

	Time	Scale	Operator	Inbound		
In	10/31/2022 08:35:24	Scale 1	kfunk2		Gross	49340 lb
Out	10/31/2022 08:35:24		kfunk2		Tare	26460 lb
					Net	22880 lb
					Tons	11.44

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	11.44	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	11.44	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108 Ph: 206-694-0600

Reprint
Ticket# 77708

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 10/31/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# ESS3
Container
Driver ERIC LOEK
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/31/2022 09:05:43	Scale 1	kfunk2		Gross	50400 lb
Out	10/31/2022 09:05:43		kfunk2		Tare	26460 lb
					Net	23940 lb
					Tons	11.97

Comments ESS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	11.97	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	11.97	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74551

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# A17S
Container
Driver WAYNE KREDIET
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/16/2022 11:18:07	Scale 1	kfunk2		Gross	59080 lb
Out	08/16/2022 11:26:04	Scale 1	kfunk2		Tare	28340 lb
					Net	30740 lb
					Tons	15.37

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.37	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.37	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature WK

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74555

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# A17S
Container
Driver WAYNE KREDIET
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/16/2022 11:54:07	Scale 1	kfunk2		Gross	62000 lb
Out	08/16/2022 11:54:07		kfunk2		Tare	28340 lb
					Net	33660 lb
					Tons	16.83

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	16.83	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	16.83	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature WK

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74557

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# A17S
Container
Driver WAYNE KREDIET
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/16/2022 12:26:28	Scale 1	kfunk2		Gross	58500 lb
Out	08/16/2022 12:26:28		kfunk2		Tare	28340 lb
					Net	30160 lb
					Tons	15.08

Comments AREO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	15.08	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	15.08	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74559

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# A17S
Container
Driver WAYNE KREDIET
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/16/2022 12:56:35	Scale 1	kfunk2		Gross	58220 lb
Out	08/16/2022 12:56:35		kfunk2		Tare	28340 lb
					Net	29880 lb
					Tons	14.94

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.94	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.94	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature WK

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74561

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/16/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# A17S
Container
Driver WAYNE KREDIET
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/16/2022 13:26:42	Scale 1	kfunk2		Gross	57980 lb
Out	08/16/2022 13:26:42		kfunk2		Tare	28340 lb
					Net	29640 lb
					Tons	14.82

Comments AERO-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	14.82	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	14.82	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature WK

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74654

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/18/2022 12:25:23	Scale 1	kfunk2		Gross	101060 lb
Out	08/18/2022 12:25:23		kfunk2		Tare	42940 lb
					Net	58120 lb
					Tons	29.06

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.06	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.06	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74651

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/18/2022 11:48:41	Scale 1	kfunk2		Gross	97600 lb
Out	08/18/2022 11:48:41		kfunk2		Tare	42940 lb
					Net	54660 lb
					Tons	27.33

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.33	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	27.33	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74642

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/1377890R

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/18/2022 10:39:56	Scale 1	kfunk2	
Out	08/18/2022 10:39:56		kfunk2	

Gross	92860 lb
Tare	42940 lb
Net	49920 lb
Tons	24.96

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	24.96	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	24.96	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74635

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/18/2022 10:04:55	Scale 1	kfunk2	
Out	08/18/2022 10:04:55		kfunk2	

Gross	93020 lb
Tare	42940 lb
Net	50080 lb
Tons	25.04

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	25.04	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	25.04	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74631

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/18/2022 09:25:28	Scale 1	kfunk2		Gross	95420 lb
Out	08/18/2022 09:25:28		kfunk2		Tare	42940 lb
					Net	52480 lb
					Tons	26.24

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.24	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.24	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74627

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/18/2022 08:52:54	Scale 1	kfunk2		Gross	98460 lb
Out	08/18/2022 08:52:54		kfunk2		Tare	42940 lb
					Net	55520 lb
					Tons	27.76

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.76	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.76	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74617

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/18/2022 07:42:49	Scale 1	kfunk2	
Out	08/18/2022 07:55:56	Scale 1	kfunk2	

Gross	95420 lb
Tare	42940 lb
Net	52480 lb
Tons	26.24

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.24	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.24	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74620

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/18/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1769
Container
Driver ANDY STEENBERG
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/18/2022 08:20:06	Scale 1	kfunk2		Gross	102120 lb
Out	08/18/2022 08:20:06		kfunk2		Tare	42940 lb
					Net	59180 lb
					Tons	29.59

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.59	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.59	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature AS

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74740

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/22/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTG92
Container
Driver BRIAN COTTRELL
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/22/2022 12:04:27	Scale 1	kfunk2		Gross	84340 lb
Out	08/22/2022 12:11:54	Scale 1	kfunk2		Tare	38280 lb
					Net	46060 lb
					Tons	23.03

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	23.03	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	23.03	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74748

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/22/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTG92
Container
Driver BRIAN COTTRELL
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/22/2022 12:34:30	Scale 1	kfunk2	
Out	08/22/2022 12:34:30		kfunk2	

Gross	83960 lb
Tare	38280 lb
Net	45680 lb
Tons	22.84

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	22.84	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	22.84	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature BC

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74752

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/22/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# DTG92
Container
Driver BRIAN COTTRELL
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/22/2022 13:04:21	Scale 1	kfunk2	
Out	08/22/2022 13:04:21		kfunk2	

Gross	85360 lb
Tare	38280 lb
Net	47080 lb
Tons	23.54

Comments DTG-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	23.54	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	23.54	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature BC

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74824

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/24/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1765
Container
Driver BOB BROWN
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/24/2022 09:03:26	Scale 1	kfunk2	
Out	08/24/2022 09:12:13	Scale 1	kfunk2	

Gross	97700 lb
Tare	43440 lb
Net	54260 lb
Tons	27.13

Comments HOS- BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.13	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	27.13	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver's Signature BB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74828

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/24/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1765
Container
Driver BOB BROWN
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/24/2022 09:51:32	Scale 1	kfunk2	
Out	08/24/2022 09:51:32		kfunk2	

Gross	95840 lb
Tare	43440 lb
Net	52400 lb
Tons	26.20

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	26.20	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.20	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74841

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/24/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1765
Container
Driver BOB BROWN
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/24/2022 10:48:41	Scale 1	kfunk2	
Out	08/24/2022 10:48:41		kfunk2	

Gross	98360 lb
Tare	43440 lb
Net	54920 lb
Tons	27.46

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.46	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.46	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature KB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74844

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/24/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1765
Container
Driver BOB BROWN
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator
In	08/24/2022 11:24:07	Scale 1	kfunk2
Out	08/24/2022 11:24:07		kfunk2

Inbound

Gross	98960 lb
Tare	43440 lb
Net	55520 lb
Tons	27.76

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.76	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	27.76	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature BB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74853

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/24/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1765
Container
Driver BOB BROWN
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/24/2022 12:35:38	Scale 1	kfunk2	
Out	08/24/2022 12:35:38		kfunk2	

Gross	100220 lb
Tare	43440 lb
Net	56780 lb
Tons	28.39

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.39	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.39	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74858

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/24/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/1377890R

Carrier SELF SELF
Vehicle# H1765
Container
Driver BOB BROWN
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/24/2022 13:22:58	Scale 1	kfunk2	
Out	08/24/2022 13:22:58		kfunk2	

Gross	98160 lb
Tare	43440 lb
Net	54720 lb
Tons	27.36

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	27.36	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GOND TON-GONDOLA PER TON	100	27.36	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver's Signature BB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74883

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/25/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/25/2022 10:20:00	Scale 1	kfunk2		Gross	111760 lb
Out	08/25/2022 10:20:00		kfunk2		Tare	42700 lb
					Net	69060 lb
					Tons	34.53

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	34.53	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	34.53	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature KB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74888

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/25/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/25/2022 11:09:23	Scale 1	kfunk2		Gross	99740 lb
Out	08/25/2022 11:09:23		kfunk2		Tare	42700 lb
					Net	57040 lb
					Tons	28.52

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.52	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.52	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature KJB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74894

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/25/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/25/2022 12:13:20	Scale 1	kfunk2		Gross	98980 lb
Out	08/25/2022 12:13:20		kfunk2		Tare	42700 lb
					Net	56280 lb
					Tons	28.14

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.14	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.14	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature KB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74899

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/25/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/25/2022 13:01:48	Scale 1	kfunk2		Gross	99240 lb
Out	08/25/2022 13:01:48		kfunk2		Tare	42700 lb
					Net	56540 lb
					Tons	28.27

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	28.27	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.27	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature KJB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74874

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/25/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/25/2022 08:51:04	Scale 1	kfunk2	
Out	08/25/2022 09:00:13	Scale 1	kfunk2	

Gross	102660 lb
Tare	42700 lb
Net	59960 lb
Tons	29.98

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	29.98	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.98	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74879

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/25/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound
In	08/25/2022 09:39:48	Scale 1	kfunk2	
Out	08/25/2022 09:39:48		kfunk2	

Gross	105060 lb
Tare	42700 lb
Net	62360 lb
Tons	31.18

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.18	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.18	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature KB

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 74901

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/25/2022
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 1973/137789OR

Carrier SELF SELF
Vehicle# H1781
Container
Driver KELLY BRIDE
Check#
Billing# 0000121
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/25/2022 13:33:46	Scale 1	kfunk2		Gross	105500 lb
Out	08/25/2022 13:33:46		kfunk2		Tare	42700 lb
					Net	62800 lb
					Tons	31.40

Comments HOS BROS-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-SPW-Tons-Spe	100	31.40	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.40	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver's Signature KLB

APPENDIX P: CLEANUP OF PCB REMEDIATION WASTE DURING DEVELOPMENT

Appendix P

Cleanup of PCB Remediation Waste During Development Excavations

CONTENTS

- Farallon Consulting, LLC, 2023, Cleanup completion report, PACCAR site, 8801 East Marginal Way South, Tukwila, Wash.: Report prepared by Farallon Consulting LLC, Issaquah, Wash., project number 1353-001, for CenterPoint Properties Trust, Oak Brook, Illi., January 27.

FARALLON CONSULTING

Washington
Issaquah | Bellingham | Seattle
Oregon
Portland | Baker City
California
Oakland | Irvine

CLEANUP COMPLETION REPORT

PACCAR SITE
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

Submitted by:
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, Washington 98027

Farallon PN: 1353-001

For:
CenterPoint Properties Trust
1808 Swift Drive
Oak Brook, Illinois 60523

January 27, 2023

Prepared by:

Stuart Brown
Associate Environmental Scientist

Reviewed by:

Pete Kingston, L.G.
Principal Geologist

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

ACRONYMS AND ABBREVIATIONS

Agreed Order	Agreed Order No. 6069 between the Washington State Department of Ecology, PACCAR Inc., and CenterPoint Properties Trust
bgs	below ground surface
BMPs	best management practices
CenterPoint	CenterPoint Properties Trust
CFR	Code of Federal Regulations
Discovery Area 1	polychlorinated biphenyl investigation area proximate to stockpile soil sample TP-16B
Discovery Area 2	polychlorinated biphenyl investigation area proximate to soil sample NPIT-3.0
Discovery Area 3	polychlorinated biphenyl investigation area proximate to soil samples TP-45.0-3.5 and TP-46.0-0.5
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
EPA Cleanup Level	U.S. Environmental Protection Agency cleanup level of 1.0 milligrams per kilogram established for bulk polychlorinated biphenyl remediation waste under Part 761.61(a)(4) of Title 40 of the Code of Federal Regulations
Farallon	Farallon Consulting, L.L.C.
mg/kg	milligrams per kilogram
PACCAR	PACCAR Inc.
PCBs	polychlorinated biphenyls

PCB Work Plan	Letter Regarding Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste, PACCAR Site, 8801 East Marginal Way South, Tukwila, Washington dated July 19, 2022 from Stuart Brown and Pete Kingston of Farallon to Brett Feldhahn of the U.S. Environmental Protection Agency, and Chris Kelley of the Washington State Department of Ecology
Property	the property at 8801 East Marginal Way South in Tukwila, Washington

1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this Cleanup Completion Report for CenterPoint Properties Trust (CenterPoint) to document the cleanup and disposal of polychlorinated biphenyl (PCB) remediation waste for the property at 8801 East Marginal Way South in Tukwila, Washington (herein referred to as the Property) (Figure 1).

The Property is subject to Agreed Order No. 6069 between the Washington State Department of Ecology (Ecology), PACCAR Inc. (PACCAR), and CenterPoint (Agreed Order). PACCAR, former owner of the Property, is implementing the scope of work defined in the Final Interim Action Work Plan for remediation of contaminated soil and groundwater, and protection of the indoor air pathway (Shannon & Wilson 2020). The interim action was initiated by PACCAR in 2021 and is ongoing. The interim action is being conducted in conjunction with redevelopment of the Property by CenterPoint.

During redevelopment activities at the Property, discoveries of contaminated soil were managed in accordance with the Ecology-approved Soil Management Plan (Farallon 2020). Field evidence of soil staining and petroleum odor indicated the presence of potentially contaminated soil in the northern portion of the Property (Figure 2). Soil samples were analyzed in general accordance with Table 830-1, Required Testing of Petroleum Releases (Section 900 of Chapter 173-340 of the Washington Administrative Code). PCBs were detected at concentrations exceeding both the site-specific remediation level of 0.5 milligrams per kilogram (mg/kg) established in the Final Interim Action Work Plan (Shannon & Wilson 2020) and the U.S. Environmental Protection Agency (EPA) cleanup level of 1.0 mg/kg established for bulk PCB remediation waste under Part 761.61(a)(4) of Title 40 of the Code of Federal Regulations (40 CFR 761.61[a][4]) (EPA Cleanup Level).

On July 19, 2022, Farallon submitted the Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste[1] (PCB Work Plan) requesting approval from EPA Region 10 for self-implementing cleanup, verification, and disposal of PCB remediation waste encountered in soil at the Property. EPA (2022) approval of the PCB Work Plan was granted on July 29, 2022. A copy of the approval letter is provided in Appendix A.

1.1 PURPOSE

The purpose of the Cleanup Completion Report is to document the cleanup, verification, and disposal of PCB remediation waste. The work described in this Cleanup Completion Report was completed in accordance with 40 CFR 761.61(a) and the PCB Work Plan.

[1] Letter Regarding Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste, PACCAR Site, 8801 East Marginal Way South, Tukwila, Washington dated July 19, 2022 from Stuart Brown and Pete Kingston of Farallon to Brett Feldhahn of EPA, and Chris Kelley of Ecology.

1.2 REPORT ORGANIZATION

This Cleanup Completion Report has been organized into the following sections:

- **Section 2**, **Background**, provides a description of work previously conducted at the Property to characterize the extent of PCB contamination in soil.
- **Section 3, Cleanup of Polychlorinated Biphenyl Remediation Waste**, provides a description of the PCB cleanup action conducted at Discovery Areas 1 through 3 on the Property in September 2022, including restoration and PCB remediation waste disposal.
- **Section 4**, **Sampling**, provides a summary of the results for soil samples collected during the PCB cleanup action.
- **Section 5**, **Best Management Practices Documentation,** provides a summary of the best management practices (BMPs) employed at the Property at the time of the PCB cleanup action.
- **Section 6, Conclusions,** summarizes Farallon's general conclusions about the PCB cleanup action conducted in September 2022.
- **Section 7**, **References,** provides a list of the documents cited in this Work Plan.
- **Section 8**, **Limitations**, provides Farallon's standard limitations applicable to this Cleanup Completion Report.

2.0 BACKGROUND

During redevelopment activities at the Property, PCB remediation waste was detected at concentrations exceeding the site-specific remediation level in three locations on the northern portion of the Property. The three locations, identified as Discovery Areas 1 through 3, are described below and shown on Figure 2:

- **Discovery Area 1**, the PCB investigation area proximate to stockpile soil sample TP-16B. On November 2, 2021, the general contractor notified Farallon that potentially contaminated soil (indicated by petroleum odor and staining) was encountered during trenching for removal of a concrete footing in the northwestern portion of the Property (Figures 2 and 3). The potentially impacted soil was stockpiled adjacent to the trench. Farallon collected soil samples TP-16A and TP-16B from the stockpiled soil. Total PCBs were detected at a concentration exceeding the site-specific remediation level in one soil sample, and at concentrations less than the EPA Cleanup Level in both soil samples.
- **Discovery Area 2**, the PCB investigation area proximate to soil sample NPIT-3.0. On February 16, 2022, the general contractor notified Farallon that during grading activities conducted in the northern portion of the Property, potentially contaminated soil (indicated by petroleum odor and staining) was encountered in a buried concrete ring structure that extended to a depth of 4 feet below ground surface (bgs), with a concrete bottom (Figures 2 and 4). Soil in the concrete ring exhibited a strong petroleum odor and staining. Farallon collected soil sample NPIT-3.0 in the area of potential impacts inside the concrete ring. Total PCBs were detected at a concentration exceeding the site-specific remediation level, but less than the EPA Cleanup Level.
- **Discovery Area 3**, the PCB investigation area proximate to soil samples TP-45.0-3.5 and TP-46.0-0.5. On March 31, 2022, the general contractor notified Farallon that potentially contaminated soil (indicated by petroleum odor and staining) was encountered during excavation of a wall and footing in the northern portion of the Property (Figures 2 and 5). Farallon collected soil samples TP-45.0-3.5 and TP-46.0-0.5 in the area of potential impacts. Total PCBs were detected at concentrations exceeding both the site-specific remediation level and the EPA Cleanup Level in the samples.

In May 2022, Farallon conducted a subsurface investigation to characterize the lateral and vertical extent of PCBs in soil in general accordance with 40 CFR 761(N) (Farallon 2022). The subsurface investigation included advancement of borings FB-1 through FB-69 to a maximum depth of approximately 10 feet bgs using a track-mounted direct-push drill rig. Results from the subsurface investigation were used to identify the extent of PCB remediation waste requiring excavation and off-Property disposal under 40 CFR 761.61 and the Agreed Order. PCBs were detected at concentrations exceeding the EPA Cleanup Level only in Discovery Area 3 during the subsurface investigation.

Boring locations are shown on Figures 3 through 5. Soil analytical results for PCBs are summarized in Table 1. Laboratory analytical reports are provided in Appendix B. Additional details on the subsurface investigation are provided in the PCB Work Plan.

3.0 CLEANUP OF POLYCHLORINATED BIPHENYLS REMEDIATION WASTE

The cleanup of PCB remediation waste was conducted in September 2022. The cleanup included excavation and off-Property disposal of soil, concrete, and brick containing PCBs at concentrations exceeding both the EPA Cleanup Level and the site-specific remediation level. A summary of work conducted in Discovery Areas 1 through 3 is provided below.

Copies of the waste profiles, disposal tickets signed by the disposal facility, and the disposal invoice documenting the date the material was received at the disposal facility are provided in Appendix C.

3.1 DISCOVERY AREA 1

Because concentrations of PCBs were less than the EPA Cleanup Level and the site-specific remediation level in all soil samples analyzed from borings advanced in Discovery Area 1 during the May 2022 subsurface investigation, cleanup of PCB remediation waste was not required in Discovery Area 1 (Figure 3; Table 1).

3.2 DISCOVERY AREA 2

Although concentrations of PCBs were less than the EPA Cleanup Level in all soil samples analyzed from borings advanced in Discovery Area 2 during the May 2022 subsurface investigation, concentrations of PCBs exceeded the site-specific remediation level in a sample collected and analyzed from soil in the concrete ring structure (Figure 4; Table 1). Excavation activities in Discovery Area 2 were focused on soil contained in the concrete ring structure. Farallon observed the excavation activities and collected soil samples for laboratory analysis to confirm that concentrations of PCBs were less than the site-specific remediation level (Figure 4).

During the excavation activities in the concrete ring structure, a concrete vault containing stained pea gravel and strong petroleum hydrocarbon odor were encountered, extending to a depth of approximately 7 feet bgs. Sample PCB-AREA2-STRUCTURE 1 was collected from the pea gravel material for waste profiling (Table 1). Concentrations of PCBs exceeded the site-specific remediation levels in the sample collected from the pea gravel.

Concrete samples were collected from the concrete ring structure in accordance with 40 CFR 761.61(a)(4)(ii) and the EPA (2011) Standard Operating Procedure for Sampling Porous Surfaces for PCBs for waste profiling purposes. Concrete containing PCBs at concentrations of less than 0.5 mg/kg was transported to Renton Recyclers in Renton, Washington for disposal. Soil at the concrete ring structure was excavated to a depth of approximately 4 feet bgs, and laterally to borings FB-61 through FB-64, FB-66, and FB-67 to confirm that PCB remediation waste had been excavated to the maximum extent practicable, and that concentrations of PCBs at Discovery Area 2 were less than the site-specific remediation level and the EPA Cleanup Level (Figure 4; Table 1).

Discovery Area 2 excavation limits and depths and soil sample locations are shown on Figure 4. Soil and pea gravel containing PCBs at concentrations of less than 50 mg/kg were excavated and transported to the Waste Management Columbia Ridge Subtitle D Landfill in Arlington, Oregon via the Alaska Street Reload Facility in Seattle, Washington for disposal (Table 2). Waste disposal documentation is provided in Appendix C.

3.3 DISCOVERY AREA 3

Concentrations of PCBs exceeded both the site-specific remediation level and the EPA Cleanup Level in soil samples analyzed from borings advanced in Discovery Area 3 during the May 2022 subsurface investigation. Farallon observed excavation activities in Discovery Area 3 and collected soil samples for laboratory analysis to confirm that concentrations of PCBs were less than the EPA Cleanup Level and the site-specific remediation level.

Excavation activities in Discovery Area 3 started in areas where soil contained PCBs at concentrations of greater than 50 mg/kg. During excavation, a concrete and brick structure was encountered. In accordance with 40 CFR 761.61(a)(4)(ii) and the EPA (2011) Standard Operating Procedure for Sampling Porous Surfaces for PCBs, concrete and brick samples A3-concrete-01 through A3-concrete-03 and A3-brick-01 through A3-brick-03 were collected from the structure for waste profiling purposes (Table 1). PCBs were detected at concentrations exceeding 50 mg/kg in samples A3-brick-02 and A3-brick-03. PCB remediation waste (i.e., soil, concrete, and brick) was direct-loaded into roll-off bins and transported directly to Chemical Waste Management of the Northwest in Arlington, Oregon for disposal. Following excavation of PCB remediation waste containing PCBs at concentrations exceeding 50 mg/kg, equipment was wipe-sampled in accordance with the decontamination procedures required under 40 CFR 761.79. PCBs were not detected at a concentration exceeding the laboratory practical quantitation limit in the wipe sample collected from the excavator bucket on August 15, 2022 (Table 3). All personal protective equipment waste that came into contact with soil containing PCBs was transported directly to Chemical Waste Management of the Northwest in Arlington, Oregon for disposal in accordance with 40 CFR 761.61(a)(5)(v).

Following excavation of soil containing PCBs at concentrations exceeding 50 mg/kg, the remaining PCB remediation waste in Discovery Area 3 was excavated. Excavation continued until soil analytical results confirmed that PCB remediation waste had been excavated to the maximum extent practicable and concentrations of PCBs were less than the EPA Cleanup Level. Discovery Area 3 excavation extents and depths and soil sample locations are shown on Figure 5.

Excavation continued until soil analytical results confirmed that PCB remediation waste had been excavated to the maximum extent practicable.

3.4 RESTORATION

After completion of the excavations in Discovery Areas 2 and 3, the excavations were backfilled and compacted. An engineered cap is not required for Discovery Areas 2 and 3 per 40 CFR 761.61 because residual PCB concentrations are less than 1 mg/kg. However, as part of redevelopment, the areas will be covered with an asphalt and/or concrete engineered cap and an environmental covenant will be placed on the Property in accordance with the Final Interim Action Work Plan (Shannon & Wilson 2020).

3.5 POLYCHLORINATED BIPHENYL REMEDIATION WASTE DISPOSAL

Waste profiles, and disposal tickets documenting the date the material was received at the disposal facilities are provided in Appendix C. Waste tonnages are summarized in Table 2 and below:

- 130.36 tons of soil containing PCBs at concentrations exceeding 50 mg/kg was direct-loaded by Hos Brothers Construction of Woodinville, Washington, into roll-off bins and transported to Chemical Waste Management of the Northwest in Arlington, Oregon for disposal.
- 53.07 tons of concrete and brick containing PCBs at concentrations exceeding 50 mg/kg were direct-loaded by Hos Brothers Construction. into roll-off bins and transported to Chemical Waste Management of the Northwest in Arlington, Oregon for disposal.
- 1,139.65 tons of soil containing PCBs at concentrations of less than 50 mg/kg was excavated during the PCB cleanup action and transported to the Waste Management Columbia Ridge Subtitle D Landfill in Arlington, Oregon via the Alaska Street Reload Facility for disposal.

4.0 SAMPLING

Soil sampling was conducted in Discovery Areas 2 and 3 in accordance with 40 CFR 761.61(a)(6) to confirm the removal of PCB remediation waste to both the EPA Cleanup Level and the site-specific remediation level. Soil sample locations where analytical results confirmed the presence of PCBs at concentrations exceeding the site-specific remediation level were used as performance samples to further define the extent of PCB contamination at the Property, and to guide the excavation.

Soil samples were collected and transferred directly into laboratory-prepared glass sample containers, placed on ice in a cooler, and delivered under standard chain-of-custody procedures to Friedman & Bruya Inc. of Seattle, Washington for extraction using EPA Method 3550C and analysis by EPA Method 8082A.

Concentrations of PCBs were less than the EPA Cleanup Level in all in-situ soil samples analyzed (Figures 3 and 4; Table 1).

PCBs at a concentration exceeding the site-specific remediation level were detected in only a single in-situ soil sample analyzed, collected from boring FB-14 at a depth of 2.5 feet bgs (Figure 5). The PCB concentration was 0.51 mg/kg, slightly exceeding the site-specific remediation level of 0.50 mg/kg (Table 1). The concentration of PCBs detected in the soil sample collected from boring FB-14 at a depth of 5 feet bgs was less than the site-specific remediation level. This area was not over excavated due to the proximity of the retaining wall on the northern Property boundary.

Copies of the laboratory analytical reports are provided in Appendix B. A Data Validation Report is provided in Appendix D.

5.0 BMP DOCUMENTATION

The EPA approval letter (Appendix A) required that Section 6.6.5 of ASTM International Standard E2893, *Standard Guide for Greener Cleanups*, be reviewed to identify and assess BMPs to reduce the environmental footprint of cleanup activities. These BMPs are categorized into nine groups that each address one of the five core elements of 12 remediation technologies.

Excavation and Surface Restoration was selected as the remediation technology applicable to this cleanup; the eight remaining technologies did not apply. Materials, Project Planning and Team Management, Residual Solid and Liquid Waste, Sampling and Analysis, and Vehicles and Equipment were BMP categories applicable to the cleanup.

The BMPs implemented for this cleanup consisted of recycling uncontaminated concrete, use of a local laboratory and staff, use of dedicated sampling equipment, use of phosphate-free detergents, and vehicle-idling restrictions (Table 4).

6.0 CONCLUSIONS

The cleanup of PCB remediation waste was conducted in accordance with 40 CFR 761.61(a) and the PCB Work Plan. The cleanup included excavation and off-Property disposal of soil, concrete, and brick containing PCBs at concentrations exceeding both the EPA Cleanup Level and the site-specific remediation level. Approximately 1,270.01 tons of soil and 53.07 tons of concrete and brick containing PCBs at concentrations exceeding both the EPA Cleanup Level and the site-specific remediation level were transported off the Property for disposal during the September 2022 PCB cleanup conducted at the Property.

Concentrations of PCBs detected during the September 2022 PCB cleanup were less than the EPA Cleanup Level in all in-situ soil samples analyzed, which demonstrates that the cleanup of PCB remediation waste is complete per 40 CFR 761.61(a)(6)(ii)(A).

7.0 REFERENCES

Farallon Consulting, L.L.C. (Farallon). 2020. *Soil Management Plan, 8801 East Marginal Way South, Tukwila, Washington.* Prepared for CenterPoint Properties Trust. April 8.

———. 2022. Letter Regarding Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste, PACCAR Site, 8801 East Marginal Way South, Tukwila, Washington. From Stuart Brown and Pete Kingston. To Brett Feldhahn, U.S. Environmental Protection Agency, and Chris Kelley, Washington State Department of Ecology. July 19.

Shannon & Wilson. 2020. *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington*. Prepared for PACCAR Inc. July 27.

U.S. Environmental Protection Agency (EPA). 2011. *Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs).* May.

———. 2022. Letter on the Subject Approval of Self-Implementing On-Site Cleanup and Disposal of Polychlorinated Biphenyl (PCB) Remediation Waste at the CenterPoint Properties Site, 8801 East Marginal Way South, Tukwila, Washington, pursuant to 40 CFR § 761.61(a), EPA ID: WAD 00924 9509. From Janette Knittel. To John R. Lass, CenterPoint Properties. July 29.

8.0 LIMITATIONS

8.1 GENERAL LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. The conclusions contained herein are subject to the following inherent limitations:

- **Accuracy of Information**. Farallon obtained, reviewed, and evaluated certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy or authenticity. Should the information upon which Farallon relied prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.
- **Reconnaissance and/or Characterization**. Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

For the foregoing reasons, Farallon cannot and does not warrant or guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions can be considered valid only as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and CenterPoint Properties Trust, and currently accepted industry standards. No other warranties, representations, or certifications are made.

8.2 LIMITATION ON RELIANCE BY THIRD PARTIES

Reliance by third parties is prohibited. This report/assessment has been prepared for the exclusive use of CenterPoint Properties Trust to address the unique needs of CenterPoint Properties Trust at the Property at a specific point in time.

This is not a general grant of reliance. No one other than CenterPoint Properties Trust may rely on this report unless Farallon agrees in advance to such reliance in writing. Any unauthorized use, interpretation, or reliance on this report/assessment is at the sole risk of that party, and Farallon will have no liability for such unauthorized use, interpretation, or reliance.

FIGURES

CLEANUP COMPLETION REPORT
PACCAR Site
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

REFERENCE: 7.5 MINUTE USGS QUADRANGLE SEATTLE SOUTH, WASHINGTON, DATED 2013

0 6,000
SCALE IN FEET

N

FARALLON CONSULTING

Your Challenges. Our Priority. | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

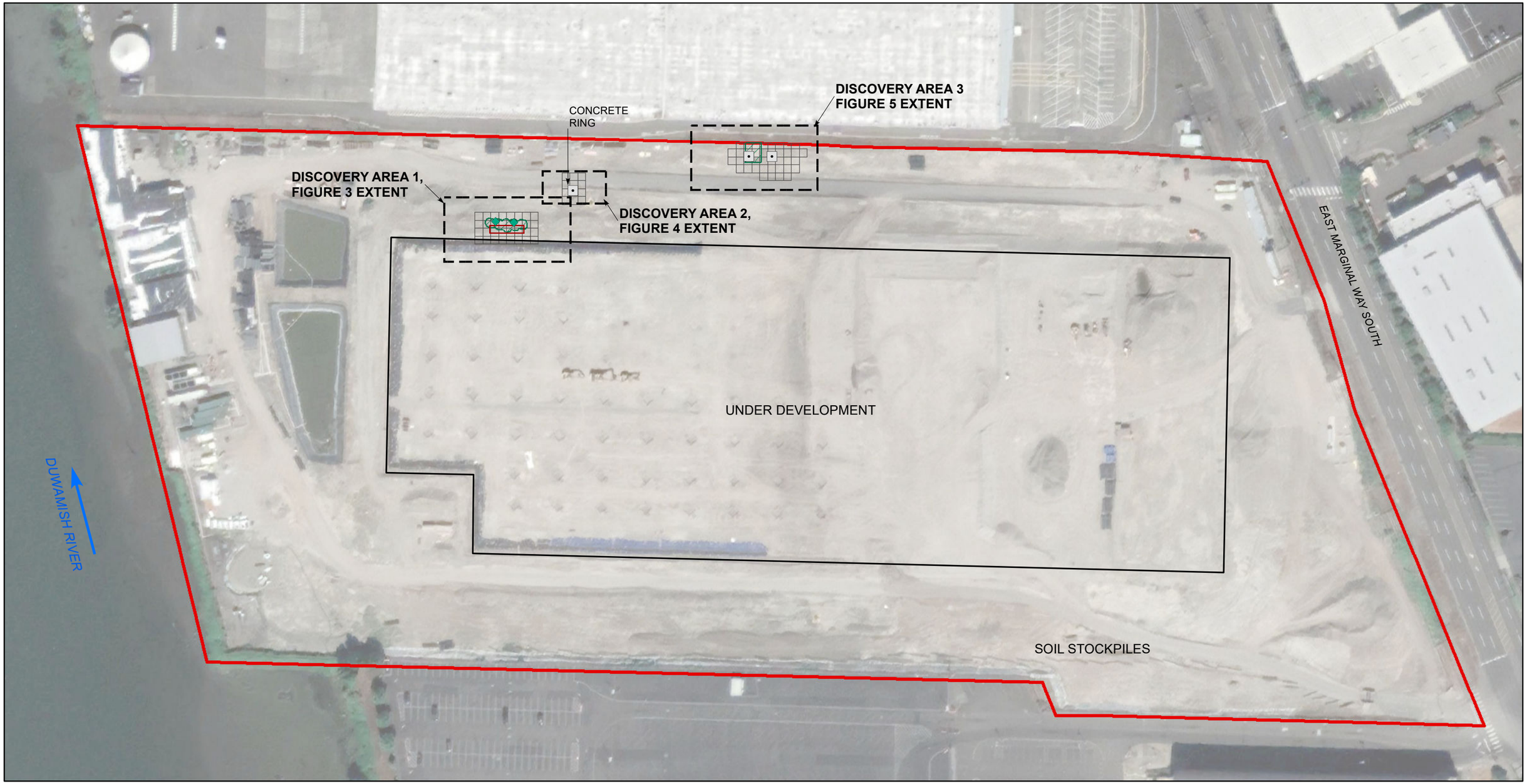
FIGURE 1

PROPERTY VICINITY
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

FARALLON PN: 1353-001

Drawn By: jjones Checked By: SB Date: 6/7/2022 Disc Reference:

Path: Q:\Projects\1353 CenterPoint\001 PACCAR\Mapfiles\16C\Figure-01_PropertyVicinity.mxd



LEGEND

- SOIL STOCKPILE SAMPLE
- TEST PIT SAMPLE
- FLOW DIRECTION
- APPROXIMATE STOCKPILE BOUNDARY
- SAMPLING GRID
- PROPOSED BUILDING
- TRENCH
- PROPERTY BOUNDARY

N

0 120

SCALE IN FEET

FARALLON CONSULTING

Your Challenges. Our Priority. | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

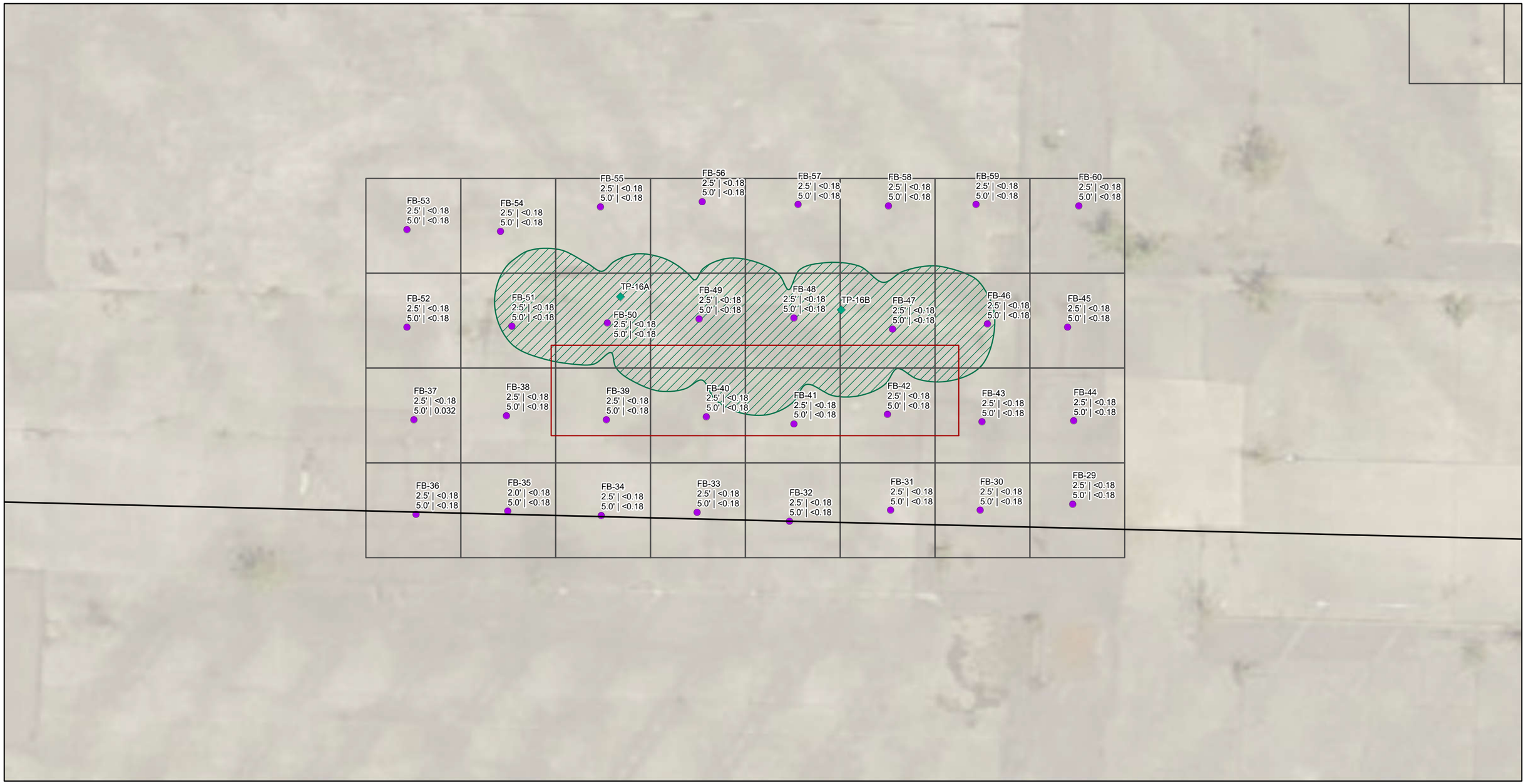
FIGURE 2

PROPERTY FIGURE
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

FARALLON PN: 1353-001

Drawn By: aguse | Checked By: SB | Date: 1/16/2023 | Disc Reference:

Document Path: Q:\Projects\1353 CenterPoint\001 PACCAR\Mapfiles\11A\Figure-02_Property-Figure.mxd



LEGEND

- PCB SOIL SAMPLE LOCATION
- SOIL STOCKPILE SAMPLE
- APPROXIMATE STOCKPILE BOUNDARY
- PROPOSED BUILDING
- TRENCH
- SAMPLING GRID

NOTES:
SOIL ANALYTICAL RESULTS REPORTED AS:
DEPTH IN FEET BELOW GROUND SURFACE | TOTAL PCBs
SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM
< = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE LISTED REPORTING LIMIT
PCB = POLYCHLORINATED BIPHENYL

N

0 10

SCALE IN FEET

FARALLON CONSULTING
Your Challenges. Our Priority. | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

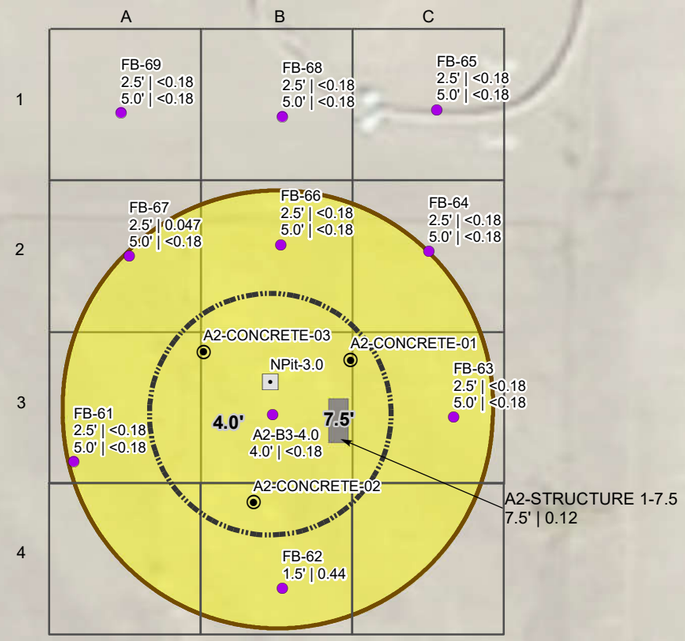
California
Oakland | Irvine

FIGURE 3

DISCOVERY AREA 1
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

FARALLON PN: 1353-001

Drawn By: lmurock
Checked By: SB
Date: 1/25/2023
Disc Reference:
Document Path: Q:\Projects\1353 CenterPoint\001 PACCAR\Mapfiles\11A\Figure-03_DA-1.mxd



LEGEND

- PCB SOIL SAMPLE LOCATION
- CONCRETE SAMPLE LOCATION
- TEST PIT SAMPLE
- SAMPLING GRID
- CONCRETE RING
- EXCAVATION EXTENT AT 4' BGS
- PCB AREA 2 SITE FEATURE
- PCB EXCAVATION AREA
- 4.0' EXCAVATION DEPTH FEET BGS

NOTES:
SOIL ANALYTICAL RESULTS REPORTED AS:
DEPTH IN FEET BELOW GROUND SURFACE | TOTAL PCBs
SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM
BGS = BELOW GROUND SURFACE
< = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE LISTED REPORTING LIMIT
PCB = POLYCHLORINATED BIPHENYL

N

0 10
SCALE IN FEET

FARALLON CONSULTING
Your Challenges. Our Priority. | farallonconsulting.com

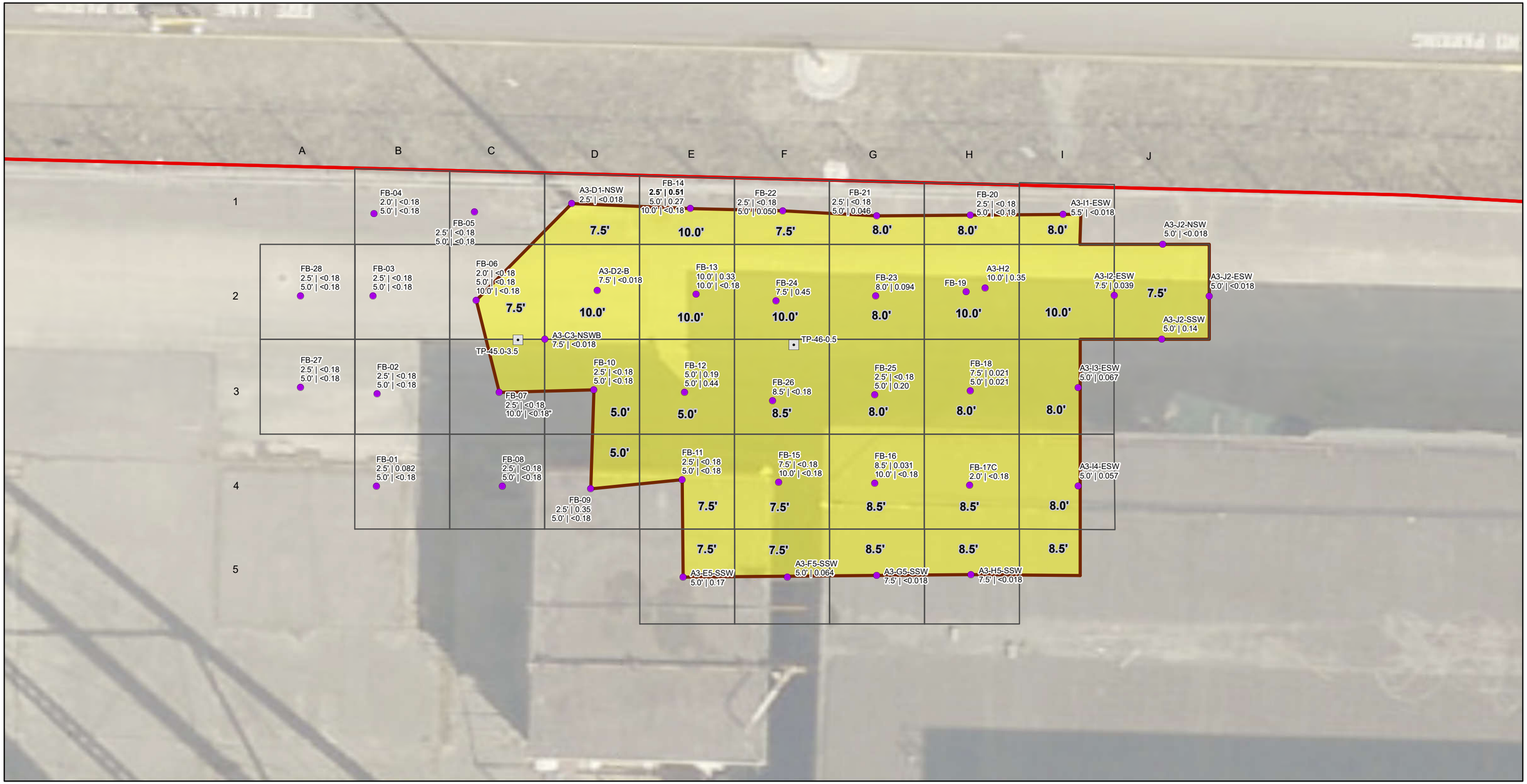
Washington
Issaquah | Bellingham | Seattle
Oregon
Portland | Baker City
California
Oakland | Irvine

FIGURE 4

DISCOVERY AREA 2
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

FARALLON PN: 1353-001

Drawn By: lmurock | Checked By: SB | Date: 1/25/2023 | Disc Reference:
Document Path: Q:\Projects\1353 CenterPoint\001 PACCAR\Mapfiles\11A\Figure-04_DA-2.mxd



LEGEND

- PCB SOIL SAMPLE LOCATION
- TEST PIT SAMPLE
- EXCAVATION EXTENT
- SAMPLING GRID
- PCB EXCAVATION AREA
- PROPERTY BOUNDARY
- 4.0' EXCAVATION DEPTH FEET BGS

NOTES:
SOIL ANALYTICAL RESULTS REPORTED AS:
DEPTH IN FEET BELOW GROUND SURFACE | TOTAL PCBs
SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM
BOLD = EXCEEDANCE OF SITE-SPECIFIC REMEDIATION LEVEL
BGS = BELOW GROUND SURFACE
< = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE LISTED REPORTING LIMIT
PCB = POLYCHLORINATED BIPHENYL

N

0 10

SCALE IN FEET

FARALLON CONSULTING
Your Challenges. Our Priority. | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

FIGURE 5

DISCOVERY AREA 3
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

FARALLON PN: 1353-001

Drawn By: lmurock
Checked By: SB
Date: 1/25/2023
Disc Reference:
Document Path: Q:\Projects\1353 CenterPoint\001 PACCAR\Mapfiles\11A\Figure-05_DA-3.mxd

TABLES

CLEANUP COMPLETION REPORT
PACCAR Site
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

Table 1
Soil Analytical Results for Polychlorinated Biphenyls
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
Discovery Area 1													
TP-16A	TP-16A	NA	11/2/2021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.43	< 0.02	< 0.02	< 0.02	0.43
TP-16B	TP-16B	NA	11/2/2021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.53	< 0.02	< 0.02	< 0.02	**0.53**
FB-29	FB-29-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-29-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-30	FB-30-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-30-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-31	FB-31-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-31-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-32	FB-32-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-32-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-33	FB-33-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-33-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-34	FB-34-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-34-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-35	FB-35-2.0	2.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-35-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-36	FB-36-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-36-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-37	FB-37-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-37-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-38	FB-38-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-38-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.032	< 0.02	< 0.02	< 0.02	0.032
FB-39	FB-39-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-39-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-40	FB-40-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-40-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-41	FB-41-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-41-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-42	FB-42-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-42-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-43	FB-43-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-43-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-44	FB-44-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-44-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-45	FB-45-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-45-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-46	FB-46-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-46-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-47	FB-47-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-47-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-48	FB-48-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-48-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
Site-Specific Remediation Levels for Soil[3]													**0.5**
EPA Cleanup Level[4]													**1.0**

Table 1
Soil Analytical Results for Polychlorinated Biphenyls
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
Discovery Area 1 (cont.)													
FB-49	FB-49-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-49-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-50	FB-50-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-50-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-51	FB-51-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-51-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-52	FB-52-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-52-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-53	FB-53-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-53-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-54	FB-54-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-54-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-55	FB-55-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-55-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-56	FB-56-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-56-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-57	FB-57-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-57-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-58	FB-58-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-58-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-59	FB-59-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-59-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-60	FB-60-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-60-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
Discovery Area 2													
NPIT	NPIT-3.0	3.0	2/16/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.39	0.40	< 0.02	< 0.02	**0.79**
FB-61	FB-61-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-61-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-62	FB-62-1.5	1.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.20	0.24	< 0.02	< 0.02	0.44
FB-63	FB-63-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-63-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-64	FB-64-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-64-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-65	FB-65-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-65-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-66	FB-66-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-66-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-67	FB-67-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.021	0.026	< 0.02	< 0.02	0.047
	FB-67-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-68	FB-68-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-68-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
Site-Specific Remediation Levels for Soil[3]													**0.5**
EPA Cleanup Level[4]													**1.0**

Table 1
Soil Analytical Results for Polychlorinated Biphenyls
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
Discovery Area 2 (cont.)													
FB-69	FB-69-2.5	2.5	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-69-5.0	5.0	5/20/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
A2-B3-4.0	A2-B3-4.0	4.0	8/22/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
A2-Structure1-7.5	A2-STRUCTURE1-7.5	7.5	8/22/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.073	0.049	< 0.02	< 0.02	0.12
A2-Structure1	PCB-AREA2 STRUCTURE 1	NA	8/11/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.31	0.38	< 0.02	< 0.02	**0.69**
A2-Concrete-01	A2-CONCRETE-01	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.26	< 0.02	< 0.02	< 0.02	0.26
A2-Concrete-02	A2-CONCRETE-02	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.023	< 0.02	< 0.02	< 0.02	0.023
A2-Concrete-03	A2-CONCRETE-03	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.11	0.090	< 0.02	< 0.02	0.20
Discovery Area 3													
TP-45.0	TP-45.0-3.5	3.5	4/1/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	3.5	< 0.02	< 0.02	< 0.02	**3.5**
TP-46.0	TP-46.0-0.5	0.5	4/1/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	4.6	< 0.02	< 0.02	< 0.02	**4.6**
FB-01	FB-01-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.082	< 0.02	< 0.02	< 0.02	0.082
	FB-01-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-02	FB-02-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-02-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-03	FB-03-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-03-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-04	FB-04-2.0	2.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-04-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-05	FB-05-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-05-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-06	FB-06-2.0	2.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-06-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-06-10.0	10.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-07	FB-07-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-07-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-08	FB-08-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-08-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-09	FB-09-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.35	< 0.02	< 0.02	< 0.02	0.35
	FB-09-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-10	FB-10-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-10-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-11	FB-11-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-11-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.44	< 0.02	< 0.02	< 0.02	0.44
FB-12	FB-12-2.0	2.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.96	< 0.02	< 0.02	< 0.02	**0.96**
	FB-12-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.19	< 0.02	< 0.02	< 0.02	0.19
	FB-12-10.0	10.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-13	FB-13-2.0	2.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.024	< 0.02	< 0.02	< 0.02	0.024
	FB-13-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	16	< 0.02	< 0.02	< 0.02	**16**
	FB-13-7.5	7.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	83	< 0.02	< 0.02	< 0.02	**83**
	FB-13-10.0	10.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.33	< 0.02	< 0.02	< 0.02	0.33
Site-Specific Remediation Levels for Soil[3]													**0.5**
EPA Cleanup Level[4]													**1.0**

Table 1
Soil Analytical Results for Polychlorinated Biphenyls
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
Discovery Area 3 (cont.)													
FB-14	FB-14-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.51	< 0.02	< 0.02	< 0.02	**0.51**
	FB-14-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.27	< 0.02	< 0.02	< 0.02	0.27
	FB-14-10.0	10.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-15	FB-15-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.12	< 0.02	< 0.02	< 0.02	0.12
	FB-15-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	7.5	< 0.02	< 0.02	< 0.02	**7.5**
	FB-15-7.5	7.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-15-10.0	10.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-16	FB-16-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.057	< 0.02	< 0.02	< 0.02	0.057
	FB-16-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	3.9	< 0.02	< 0.02	< 0.02	**3.9**
	FB-16-7.5	7.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	5.9	< 0.02	< 0.02	< 0.02	**5.9**
	FB-16-8.5	8.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.031	< 0.02	< 0.02	< 0.02	0.031
FB-17	FB-17-2.0	2.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-17-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.021	< 0.02	< 0.02	< 0.02	0.021
FB-18	FB-18-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-18-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.90	< 0.02	< 0.02	< 0.02	**0.90**
	FB-18-7.5	7.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.021	< 0.02	< 0.02	< 0.02	0.021
FB-19	FB-19-1.5	1.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	2.5	< 0.02	< 0.02	< 0.02	**2.5**
	FB-19-5.5	5.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	8.6	< 0.02	< 0.02	< 0.02	**8.6**
FB-20	FB-20-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-20-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-21	FB-21-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-21-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.046	< 0.02	< 0.02	< 0.02	0.046
FB-22	FB-22-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-22-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.050	< 0.02	< 0.02	< 0.02	0.050
FB-23	FB-23-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	4.8	< 0.02	< 0.02	< 0.02	**4.8**
	FB-23-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	14	< 0.02	< 0.02	< 0.02	**14**
	FB-23-7.0	7.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	2.2	< 0.02	< 0.02	< 0.02	**2.2**
	FB-23-8.0	8.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.094	< 0.02	< 0.02	< 0.02	0.094
FB-24	FB-24-2.5	2.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-24-5.0	5.0	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	3.8	< 0.02	< 0.02	< 0.02	**3.8**
	FB-24-7.5	7.5	5/18/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.45	< 0.02	< 0.02	< 0.02	0.45
FB-25	FB-25-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-25-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.20	< 0.02	< 0.02	< 0.02	0.20
FB-26	FB-26-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-26-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	1.6	< 0.02	< 0.02	< 0.02	**1.6**
	FB-26-7.5	7.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	5.7	< 0.02	< 0.02	< 0.02	**5.7**
	FB-26-8.5	8.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-27	FB-27-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-27-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
FB-28	FB-28-2.5	2.5	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
	FB-28-5.0	5.0	5/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.18
Site-Specific Remediation Levels for Soil[3]													**0.5**
EPA Cleanup Level[4]													**1.0**

Table 1
Soil Analytical Results for Polychlorinated Biphenyls
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Location	Sample Identification	Sample Depth (feet)[1]	Sample Date	Analytical Results (milligrams per kilogram)[2]									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
Discovery Area 3 (cont.)													
FB-13-ESW	FB-13-ESW-7.5	7.5	8/5/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	210	< 0.02	< 0.02	< 0.02	**210**
FB-13-NSW	FB-13-NSW-7.5	7.5	8/5/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.018
FB-13-SSW	FB-13-SSW-7.5	7.5	8/5/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.80	< 0.02	< 0.02	< 0.02	**0.80**
FB-13-WSW	FB-13-WSW-7.5	7.5	8/5/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	3.4	< 0.02	< 0.02	< 0.02	**3.4**
A3-C3-NSWB	A3-C3-NSWB-7.5	7.5	8/11/2022	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.018
A3-D1-NSW	A3-D1-NSW-2.5	2.5	8/11/2022	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.018
A3-D2-B	A3-D2-B-7.5	7.5	8/11/2022	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.018
A3-E5-SSW	A3-E5-SSW-5.0	5.0	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.17	< 0.02	< 0.02	< 0.02	0.17
A3-F5-SSW	A3-F5-SSW-5.0	5.0	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.064	< 0.02	< 0.02	< 0.02	0.064
A3-G5-SSW	A3-G5-SSW-7.5	7.5	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.018
A3-H2	A3-H2-10.0	10.0	8/24/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.35	< 0.02	< 0.02	< 0.02	0.35
A3-H2-B	A3-H2-B-8.0	8.0	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.56	< 0.02	< 0.02	< 0.02	**0.56**
A3-I2-ESW2	A3-I2-ESW2-5.0	5.0	8/24/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	1.8	< 0.02	< 0.02	< 0.02	**1.8**
	A3-I2-ESW2-7.5	7.5	8/24/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.039	< 0.02	< 0.02	< 0.02	0.039
A3-H5-SSW	A3-H5-SSW-7.5	7.5	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.018
A3-I1-ESW	A3-I1-ESW-5.5	5.5	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.018
A3-I2-ESW	A3-I2-ESW-5.5	5.5	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.68	< 0.02	< 0.02	< 0.02	**0.68**
A3-I3-ESW	A3-I3-ESW-5.0	5.0	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.067	< 0.02	< 0.02	< 0.02	0.067
A3-I4-ESW	A3-I4-ESW-5.0	5.0	8/19/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.057	< 0.02	< 0.02	< 0.02	0.057
A3-J2-ESW	A3-J2-ESW-5.0	5.0	8/30/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.018
A3-J2-NSW	A3-J2-NSW-5.0	5.0	8/30/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.018
A3-J2-SSW	A3-J2-SSW-5.0	5.0	8/30/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.14	< 0.02	< 0.02	< 0.02	0.14
A3-Brick-01	A3-BRICK-01	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	36	< 0.02	< 0.02	< 0.02	**36**
A3-Brick-02	A3-BRICK-02	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	56	< 0.02	< 0.02	< 0.02	**56**
A3-Brick-03	A3-BRICK-03	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	64	< 0.02	< 0.02	< 0.02	**64**
A3-Concrete-01	A3-CONCRETE-01	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	9.0	< 0.02	< 0.02	< 0.02	**9.0**
A3-Concrete-02	A3-CONCRETE-02	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.79	< 0.02	< 0.02	< 0.02	**0.79**
A3-Concrete-03	A3-CONCRETE-03	NA	8/12/2022	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.35	< 0.02	< 0.02	< 0.02	0.35
Site-Specific Remediation Levels for Soil[3]													**0.5**
EPA Cleanup Level[4]													**1.0**

NOTES:

Results in **bold** denote concentrations exceeding applicable remediation levels.
Results highlighted **yellow** denote concentrations exceeding applicable cleanup levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
EPA = U.S. Environmental Protection Agency
NA = not applicable
PCBs = polychlorinated biphenyls

[1]Depth in feet below ground surface.
[2]Analyzed by U.S. Environmental Protection Agency Method 8082A.
[3]Remediation level derived from *Final Interim Action Work Plan, 8801 East Marginal Way S., Tukwila, Washington* dated July 27, 2020 prepared by Shannon & Wilson for PACCAR Inc .
[4]EPA Cleanup Level per Part 761.61(a)(4) of Title 40 of the Code of Federal Regulations.

Table 2
Waste Management Tickets
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Waste Management PCB Soil Tickets		
Ticket Number	**Date**	**Tonnage**
Soil With PCB Concentrations Exceeding 50 mg/kg		
178652	8/11/2022	28.30
178656	8/11/2022	25.06
178658	8/11/2022	26.60
178659	8/11/2022	24.33
178661	8/11/2022	26.07
	Total	**130.36**
Concrete with PCB Concentrations Exceeding 50 mg/kg		
62082	11/14/2022	11.61
62084	11/14/2022	11.76
62101	11/14/2022	12.77
62523	11/21/2022	16.93
	Total	**53.07**
Soil With PCB Concentrations Less than 50 mg/kg		
178653	8/11/2022	29.31
178664	8/11/2022	29.02
178667	8/11/2022	30.81
178668	8/11/2022	27.21
178672	8/11/2022	28.26
178673	8/11/2022	32.45
178779	8/19/2022	26.51
178781	8/19/2022	24.45
178785	8/19/2022	26.61
178788	8/19/2022	27.75
178790	8/19/2022	27.75
178791	8/19/2022	27.29
178792	8/19/2022	28.57
178796	8/19/2022	30.30
178797	8/19/2022	30.68
178798	8/19/2022	28.48
178800	8/19/2022	28.61
178802	8/19/2022	30.08
178804	8/19/2022	29.04
178805	8/19/2022	29.36
178808	8/19/2022	28.79
178809	8/19/2022	28.48
178811	8/19/2022	27.14
178814	8/19/2022	28.35
178816	8/19/2022	32.22
178817	8/19/2022	29.26
178821	8/22/2022	22.94
178822	8/22/2022	25.28
178827	8/22/2022	21.91

Table 2
Waste Management Tickets
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Waste Management PCB Soil Tickets		
Ticket Number	**Date**	**Tonnage**
Soil With PCB Concentrations Less than 50 mg/kg (cont.)		
178829	8/22/2022	19.96
178894	8/24/2022	29.78
178905	8/24/2022	24.19
178911	8/24/2022	28.89
178926	8/24/2022	31.75
179049	8/30/2022	25.63
179054	8/30/2022	26.64
58780	9/12/2022	11.87
58782	9/12/2022	14.80
58783	9/12/2022	17.19
58784	9/12/2022	14.91
58785	9/12/2022	13.92
58791	9/12/2022	9.980
58847	9/13/2022	11.75
58853	9/13/2022	13.78
58893	9/13/2022	14.84
58896	9/13/2022	12.86
	Total	**1,139.65**

NOTES:

mg/kg = milligrams per kilogram

PCB = polychlorinated biphenyls

Table 3
Wipe Sample Results
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Identification	Sample Date	Analytical Results (micrograms per wipe)[1]									
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
A3-WIPE-02	8/15/2022	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

PCBs = polychlorinated biphenyls

[1]Analyzed by U.S. Environmental Protection Agency Method 8082A.

Table 4
Best Management Practices
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Category	Best Management Practice	Energy	Air	Water	Materials and Waste	Land and Ecosystems	BMP Used	Comments
Materials	Link a deconstruction project with a replacement construction project (for example, the same site of the deconstruction project or a local current construction project) to facilitate resuse of clean or salvaged materials				X		Yes	Transported uncontaminated concrete from Discovery Area 2 meeting disposal criteria to recycling facility
Materials	Steam clean or use phophate free detergents or biodegradable cleaning products instead of organic solvents or acids to decontaminate sampling and other equipment			X	X	X	Yes	Used water and biodegradable cleaning wipes to decontaminate sampling equipment
Project Planning and Team Management	Use a local laboratory to minimize transportation impacts	X	X				Yes	A local laboratory was used for sample analysis
Project Planning and Team Management	Use local staff (including subcontractors) when possible to minimize transportation impacts	X	X				Yes	All staff were local to the Puget Sound area
Residual Solid and Liquid Waste	Reuse or recycle recovered product (such as resale or captured petroleum products, precipitated metals, and materials (for example, cardboard, plastics, asphalt, concrete)				X		Yes	Transported uncontaminated concrete from Discovery Area 2 meeting disposal criteria to recycling facility
Residual Solid and Liquid Waste	Salvage uncontaminated objects/infrastructure with potential to recycle, re-sell, donate or re-use				X		Yes	Transported uncontaminated concrete from Discovery Area 2 meeting disposal criteria to recycling facility
Sampling and Analysis	Use dedicated materials (that is, re-use of sampling equipment and non-use of disposable materials/equipment) when performing multiple rounds of sampling				X		Yes	Used reusable poly sample spoons and steel drill-bits during collection of concrete and brick dust, decontaminating bewteen each sample
Vehicles and Equipment	Implement an idle restriction plan	X	X				Yes	Vehicles were shut off by the operator when not in use

NOTES:

BMP = best management practice

APPENDIX A
EPA APPROVAL LETTER

CLEANUP COMPLETION REPORT
PACCAR Site
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 155
Seattle, WA 98101

LAND, CHEMICALS &
REDEVELOPMENT
DIVISION

July 29, 2022

John R. Lass
Vice President, Development, West Region
CenterPoint Properties
725 S. Figueroa Street, Suite 3005
Los Angeles, California 90017

Subject: Approval of Self-Implementing On-Site Cleanup and Disposal of Polychlorinated Biphenyl (PCB) Remediation Waste at the CenterPoint Properties Site, 8801 East Marginal Way South, Tukwila, Washington, pursuant to 40 CFR § 761.61(a)
EPA ID: WAD 00924 9509

Mr. Lass:

The U.S. Environmental Protection Agency (EPA), Region 10, has completed its review of the Notification and Certification (Notification) where Farallon Consulting, L.L.C. (Farallon), on behalf of CenterPoint Properties Trust (CenterPoint), requests approval for self-implementing cleanup, verification, and disposal of polychlorinated biphenyl (PCB) remediation waste for the property at 8801 East Marginal Way South in Tukwila, Washington (Site), in accordance with the requirements of 40 C.F.R § 761.61(a**)**.

The Notification submitted to the EPA on July 19, 2022, provides the basis for the EPA's approval of the cleanup pursuant to 40 CFR § 761.61(a).

During redevelopment grading activities taking place between November 2, 2021, and March 31, 2022, PCBs exceeding the site-specific remediation level of 0.5 part per million (ppm) were found in three locations on the northern portion of the Site. These locations are referred to as Discovery Area 1, Discovery Area 2, and Discovery Area 3.

In May 2022, Farallon conducted a subsurface investigation to characterize the lateral and vertical extent of PCBs in soil in accordance with 40 C.F.R. Part 761 Subpart N. Results from the subsurface investigation were used to characterize the extent of PCB-contaminated soil requiring excavation and off-property disposal under 40 C.F.R § 761.61(a). PCB soil concentrations exceeding the EPA high occupancy area cleanup level of 1 part per million (ppm) were only present in Discovery Area 3, where a maximum PCB concentration of 83 ppm was detected. Farallon intends to remove and dispose of the PCB-contaminated soil from Discovery Area 3 in accordance with 40 C.F.R § 761.61(a).

All work related to removal and verification of cleanup of PCBs at the site is expected to comply with the details presented in the Notification, incorporated by reference, as well as any conditions below and all other applicable requirements of 40 C.F.R. Part 761.

Based on our review, your Notification is approved subject to the following conditions:

1. As stated in 40 C.F.R § 761.61(a), you must conduct the cleanup in accordance with all applicable requirements of 40 C.F.R § 761.61(a)(1) through (9). A copy of the requirements is enclosed (Enclosure 1) for your convenience.

2. You must prepare a cleanup completion report that describes how you conducted the cleanup in accordance with the applicable regulatory requirements. You must send a copy to Brett Feldhahn, of my staff, within 120 days after disposal verification is received and final sample results validation is completed.

3. The Office Land and Emergency Management (OLEM) policy requires that all cleanups protect human health and the environment, which extends to the environmental footprint of the cleanup. Review the ASTM Standard Guide for Greener Cleanups (Active Standard ASTM E2893-16e1) to identify and assess best management practices (BMPs) to reduce the environmental footprint of cleanup activities. The cleanup completion report should include a section on BMP documentation, as described in Section 6.6.5 of the Guide.

This approval does not relieve you from your duty to comply with all other applicable federal, state, and local requirements. If you wish to make any changes to your notification (including changes in the project schedule), you must submit your proposal to Brett Feldhahn, of my staff, in writing no less than 14 calendar days prior to the proposed implementation of the change. If you have any questions, please contact Brett Feldhahn by e-mail at feldhahn.brett@epa.gov or by telephone at 206-553-2899.

Sincerely,

Kimberly A. Ogle, Section Chief
RCRA Corrective Action, Permits and PCB Section

Enclosure 1 – Regulatory Requirements Checklist

ENCLOSURE 1

Regulatory Requirements of 40 C.F.R § 761.61(a)

[ ] (1) ***Applicability***

(i) The self-implementing procedures may not be used to clean up:

(A) Surface or ground waters.
(B) Sediments in marine and freshwater ecosystems.
(C) Sewers or sewage treatment systems.
(D) Any private or public drinking water sources or distribution systems.
(E) Grazing lands.
(F) Vegetable gardens.

[ ] (ii) The self-implementing cleanup provisions shall not be binding upon cleanups conducted under other authorities, including but not limited to, actions conducted under section 104 or section 106 of CERCLA, or section 3004(u) and (v) or section 3008(h) of RCRA.

[ ] (2) ***Site characterization***. Any person conducting self-implementing cleanup of PCB remediation waste must characterize the site adequately to be able to provide the information required by paragraph (a)(3) of this section. Subpart N of this part provides a method for collecting new site characterization data or for assessing the sufficiency of existing site characterization data.

[ ] (3) ***Notification and certification***.

[ ] (i) At least 30 days prior to the date that the cleanup of a site begins, the person in charge of the cleanup or the owner of the property where the PCB remediation waste is located shall notify, in writing, the EPA Regional Administrator, the Director of the State or Tribal environmental protection agency, and the Director of the county or local environmental protection agency where the cleanup will be conducted. The notice shall include:

[ ] (A) The nature of the contamination, including kinds of materials contaminated.

[ ] (B) A summary of the procedures used to sample contaminated and adjacent areas and a table or cleanup site map showing PCB concentrations measured in all pre-cleanup characterization samples. The summary must include sample collection and analysis dates. The EPA Regional Administrator may require more detailed information including, but not limited to, additional characterization sampling or all sample identification numbers from all previous characterization activities at the cleanup site.

[ ] (C) The location and extent of the identified contaminated area, including topographic maps with sample collection sites cross referenced to the sample identification numbers in the data summary from paragraph (a)(3)(i)(B) of this section.

[ ] (D) A cleanup plan for the site, including schedule, disposal technology, and approach. This plan should contain options and contingencies to be used if unanticipated higher concentrations or wider distributions of PCB remediation waste are found or other obstacles force changes in the cleanup approach.

[ ] (E) A written certification, signed by the owner of the property where the cleanup site is located and the party conducting the cleanup, that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the location designated in the certificate, and are available for EPA inspection. Persons using alternate methods for chemical extraction and chemical analysis for site characterization must include in the certificate a statement that such a method will be used and that a comparison study which meets or exceeds the requirements of subpart Q of this part, and for which records are on file, has been completed prior to verification sampling.

[ ] (ii) Within 30 calendar days of receiving the notification, the EPA Regional Administrator will respond in writing approving of the self-implementing cleanup, disapproving of the self-implementing cleanup, or requiring additional information. If the EPA Regional Administrator does not respond within 30 calendar days of receiving the notice, the person submitting the notification may assume that it is complete and acceptable and proceed with the cleanup according to the information the person provided to the EPA Regional Administrator. Once cleanup is underway, the person conducting the cleanup must provide any proposed changes from the notification to the EPA Regional Administrator in writing no less than 14 calendar days prior to the proposed implementation of the change. The EPA Regional Administrator will determine in his or her discretion whether to accept the change and will respond to the change notification verbally within 7 calendar days and in writing within 14 calendar days of receiving it. If the EPA Regional Administrator does not respond verbally within 7 calendar days and in writing within 14 calendar days of receiving the change notice, the person who submitted it may deem it complete and acceptable and proceed with the cleanup according to the information in the change notice provided to the EPA Regional Administrator.

[ ] (iii) Any person conducting a cleanup activity may obtain a waiver of the 30-day notification requirement, if they receive a separate waiver, in writing, from each of the agencies they are required to notify under this section. The person must retain the original written waiver as required in paragraph (a)(9) of this section.

[ ] (4) ***Cleanup levels***. For purposes of cleaning, decontaminating, or removing PCB remediation waste under this section, there are four general waste categories: bulk PCB remediation waste, non-porous surfaces, porous surfaces, and liquids. Cleanup levels are based on the kind of material and the potential exposure to PCBs left after cleanup is completed.

[ ] (i) *Bulk PCB remediation waste*. Bulk PCB remediation waste includes, but is not limited to, the following non-liquid PCB remediation waste: soil, sediments, dredged materials, muds, PCB sewage sludge, and industrial sludge.

[ ] (A) *High occupancy areas*. The cleanup level for bulk PCB remediation waste in high occupancy areas is ≤1 ppm without further conditions. High occupancy areas where bulk PCB remediation waste remains at concentrations >1 ppm and ≤10 ppm shall be covered with a cap meeting the requirements of paragraphs (a)(7) and (a)(8) of this section.

[ ] (B) *Low occupancy areas*.

[ ] (1) The cleanup level for bulk PCB remediation waste in low occupancy areas is ≤25 ppm unless otherwise specified in this paragraph.

[ ] (2) Bulk PCB remediation wastes may remain at a cleanup site at concentrations >25 ppm and ≤50 ppm if the site is secured by a fence and marked with a sign including the M_L mark.

[ ] (3) Bulk PCB remediation wastes may remain at a cleanup site at concentrations >25 ppm and ≤100 ppm if the site is covered with a cap meeting the requirements of paragraphs (a)(7) and (a)(8) of this section.

[ ] (ii) *Non-porous surfaces*. In high occupancy areas, the surface PCB cleanup standard is ≤ 10 µg/100 cm^2 of surface area. In low occupancy areas, the surface cleanup standard is <100 µg/100 cm^2 of surface area. Select sampling locations in accordance with subpart P of this part or a sampling plan approved under paragraph (c) of this section.

[ ] (iii) *Porous surfaces.* In both high and low occupancy areas, any person disposing of porous surfaces must do so based on the levels in paragraph (a)(4)(i) of this section. Porous surfaces may be cleaned up for use in accordance with §761.79(b)(4) or §761.30(p).

[ ] (iv) *Liquids*. In both high and low occupancy areas, cleanup levels are the concentrations specified in §761.79(b)(1) and (b)(2).

[ ] (v) *Change in the land use for a cleanup site*. Where there is an actual or proposed change in use of an area cleaned up to the levels of a low occupancy area, and the exposure of people or animal life in or at that area could reasonably be expected to increase, resulting in a change in status from a low occupancy area to a high occupancy area, the owner of the area shall clean up the area in accordance with the high occupancy area cleanup levels in paragraphs (a)(4)(i) through (a)(4)(iv) of this section.

[ ] (vi) The EPA Regional Administrator, as part of his or her response to a notification submitted in accordance with §761.61(a)(3) of this part, may require cleanup of the site, or portions of it, to more stringent cleanup levels than are otherwise required in this section, based on the proximity to areas such as residential dwellings, hospitals, schools, nursing homes, playgrounds, parks, day care centers, endangered species habitats, estuaries, wetlands, national parks, national wildlife refuges, commercial fisheries, and sport fisheries.

[ ] (5) ***Site cleanup.*** In addition to the options set out in this paragraph, PCB disposal technologies approved under §§761.60 and 761.70 are acceptable for on-site self-implementing PCB remediation waste disposal within the confines of the operating conditions of the respective approvals.

[ ] (i) *Bulk PCB remediation waste*. Any person cleaning up bulk PCB remediation waste shall do so to the levels in paragraph (a)(4)(i) of this section.

[ ] (A) Any person cleaning up bulk PCB remediation waste on-site using a soil washing process may do so without EPA approval, subject to all of the following:

(1) A non-chlorinated solvent is used.
(2) The process occurs at ambient temperature.
(3) The process is not exothermic.
(4) The process uses no external heat.
(5) The process has secondary containment to prevent any solvent from being released to the underlying or surrounding soils or surface waters.

(6) Solvent disposal, recovery, and/or reuse is in accordance with relevant provisions of approvals issued according to paragraphs (b)(1) or (c) of this section or applicable paragraphs of §761.79.

[ ] (B) Bulk PCB remediation waste may be sent off-site for decontamination or disposal in accordance with this paragraph, provided the waste is either dewatered on-site or transported off-site in containers meeting the requirements of the DOT Hazardous Materials Regulations (HMR) at 49 CFR parts 171 through 180.

[ ] (1) Removed water shall be disposed of according to paragraph (b)(1) of this section.

[ ] (2) Any person disposing off-site of dewatered bulk PCB remediation waste shall do so as follows:

(i) Unless sampled and analyzed for disposal according to the procedures set out in §§761.283, 761.286, and 761.292, the bulk PCB remediation waste shall be assumed to contain ≥50 ppm PCBs.
(ii) Bulk PCB remediation wastes with a PCB concentration of <50 ppm shall be disposed of in accordance with paragraph (a)(5)(v)(A) of this section.
(iii) Bulk PCB remediation wastes with a PCB concentration ≥50 ppm shall be disposed of in a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA, or a PCB disposal facility approved under this part.
(iv) The generator must provide written notice, including the quantity to be shipped and highest concentration of PCBs (using extraction EPA Method 3500B/3540C or Method 3500B/3550B followed by chemical analysis using EPA Method 8082 in SW-846 or methods validated under subpart Q of this part) at least 15 days before the first shipment of bulk PCB remediation waste from each cleanup site by the generator, to each off-site facility where the waste is destined for an area not subject to a TSCA PCB Disposal Approval.

[ ] (3) Any person may decontaminate bulk PCB remediation waste in accordance with §761.79 and return the waste to the cleanup site for disposal as long as the cleanup standards of paragraph (a)(4) of this section are met.

[ ] (ii) Non-porous surfaces. PCB remediation waste non-porous surfaces shall be cleaned on-site or off-site for disposal on-site, disposal off-site, or use, as follows:

[ ] (A) For on-site disposal, non-porous surfaces shall be cleaned on-site or off-site to the levels in paragraph (a)(4)(ii) of this section using:
(1) Procedures approved under §761.79.
(2) Technologies approved under §761.60(e).
(3) Procedures or technologies approved under paragraph (c) of this section.

[ ] (B) For off-site disposal, non-porous surfaces:
(1) Having surface concentrations <100 µg/100 cm^2 shall be disposed of in accordance with paragraph (a)(5)(i)(B)(2)(ii) of this section. Metal surfaces may be thermally decontaminated in accordance with §761.79(c)(6)(i).

(2) Having surface concentrations ≥100 μg/100 cm^2 shall be disposed of in accordance with paragraph (a)(5)(i)(B)(2)(iii) of this section. Metal surfaces may be thermally decontaminated in accordance with §761.79(c)(6)(ii).

[ ] (C) For use, non-porous surfaces shall be decontaminated on-site or off-site to the standards specified in §761.79(b)(3) or in accordance with §761.79(c).

[ ] (iii) *Porous surfaces.* Porous surfaces shall be disposed on-site or off-site as bulk PCB remediation waste according to paragraph (a)(5)(i) of this section or decontaminated for use according to §761.79(b)(4), as applicable.

[ ] (iv) *Liquids*. Any person disposing of liquid PCB remediation waste shall either:
(A) Decontaminate the waste to the levels specified in §761.79(b)(1) or (b)(2).
(B) Dispose of the waste in accordance with paragraph (b) of this section or an approval issued under paragraph (c) of this section.

[ ] (v) *Cleanup wastes*. Any person generating the following wastes during and from the cleanup of PCB remediation waste shall dispose of or reuse them using one of the following methods:

[ ] (A) Non-liquid cleaning materials and personal protective equipment waste at any concentration, including non-porous surfaces and other non-liquid materials such as rags, gloves, booties, other disposable personal protective equipment, and similar materials resulting from cleanup activities shall be either decontaminated in accordance with §761.79(b) or (c), or disposed of in one of the following facilities, without regard to the requirements of subparts J and K of this part:

(1) A facility permitted, licensed, or registered by a State to manage municipal solid waste subject to part 258 of this chapter.
(2) A facility permitted, licensed, or registered by a State to manage non-municipal non-hazardous waste subject to §§257.5 through 257.30 of this chapter, as applicable.
(3) A hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA.
(4) A PCB disposal facility approved under this part.

[ ] (B) Cleaning solvents, abrasives, and equipment may be reused after decontamination in accordance with §761.79.

[ ] (6) ***Cleanup verification*** —

[ ] (i) *Sampling and analysis*. Any person collecting and analyzing samples to verify the cleanup and on-site disposal of bulk PCB remediation wastes and porous surfaces must do so in accordance with subpart O of this part. Any person collecting and analyzing samples from non-porous surfaces must do so in accordance with subpart P of this part. Any person collecting and analyzing samples from liquids must do so in accordance with §761.269. Any person conducting interim sampling during PCB remediation waste cleanup to determine when to sample to verify that cleanup is complete, may use PCB field screening tests.

[ ] (ii) *Verification*.

(A) Where sample analysis results in a measurement of PCBs less than or equal to the levels specified in paragraph (a)(4) of this section, self-implementing cleanup is complete.

(B) Where sample analysis results in a measurement of PCBs greater than the levels specified in paragraph (a)(4) of this section, self-implementing cleanup of the sampled PCB remediation waste is not complete. The owner or operator of the site must either dispose of the sampled PCB remediation waste, or reclean the waste represented by the sample and reinitiate sampling and analysis in accordance with paragraph (a)(6)(i) of this section.

[ ] (7) ***Cap requirements.*** A cap means, when referring to on-site cleanup and disposal of PCB remediation waste, a uniform placement of concrete, asphalt, or similar material of minimum thickness spread over the area where remediation waste was removed or left in place in order to prevent or minimize human exposure, infiltration of water, and erosion. Any person designing and constructing a cap must do so in accordance with §264.310(a) of this chapter, and ensure that it complies with the permeability, sieve, liquid limit, and plasticity index parameters in §761.75(b)(1)(ii) through (b)(1)(v). A cap of compacted soil shall have a minimum thickness of 25 cm (10 inches). A concrete or asphalt cap shall have a minimum thickness of 15 cm (6 inches). A cap must be of sufficient strength to maintain its effectiveness and integrity during the use of the cap surface which is exposed to the environment. A cap shall not be contaminated at a level ≥1 ppm PCB per AroclorTM (or equivalent) or per congener. Repairs shall begin within 72 hours of discovery for any breaches which would impair the integrity of the cap.

[ ] (8) ***Deed restrictions for caps, fences and low occupancy areas***. When a cleanup activity conducted under this section includes the use of a fence or a cap, the owner of the site must maintain the fence or cap, in perpetuity. In addition, whenever a cap, or the procedures and requirements for a low occupancy area, is used, the owner of the site must meet the following conditions:

[ ] (i) Within 60 days of completion of a cleanup activity under this section, the owner of the property shall:

[ ] (A) Record, in accordance with State law, a notation on the deed to the property, or on some other instrument which is normally examined during a title search, that will in perpetuity notify any potential purchaser of the property:

(1) That the land has been used for PCB remediation waste disposal and is restricted to use as a low occupancy area as defined in §761.3.

(2) Of the existence of the fence or cap and the requirement to maintain the fence or cap.

(3) The applicable cleanup levels left at the site, inside the fence, and/or under the cap.

[ ] (B) Submit a certification, signed by the owner, that he/she has recorded the notation specified in paragraph (a)(8)(i)(A) of this section to the EPA Regional Administrator.

[ ] (ii) The owner of a site being cleaned up under this section may remove a fence or cap after conducting additional cleanup activities and achieving cleanup levels, specified in paragraph (a)(4) of this section, which do not require a cap or fence. The owner may remove the notice on the deed no earlier than 30 days after achieving the cleanup levels specified in this section which do not require a fence or cap.

[ ] (9) ***Recordkeeping***. For paragraphs (a)(3), (a)(4), and (a)(5) of this section, recordkeeping is required in accordance with §761.125(c)(5).

APPENDIX B
LABORATORY ANALYTICAL REPORTS

CLEANUP COMPLETION REPORT
PACCAR Site
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

June 7, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

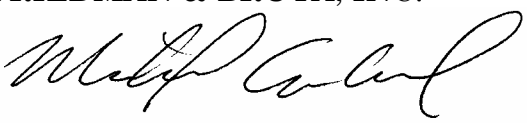
Dear Mr Brown:

Included are the results from the testing of material submitted on May 19, 2022 from the PACCAR Site 1353-001, F&BI 205333 project. There are 127 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0607R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 19, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 205333 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
205333 -01	FB-01-2.5
205333 -02	FB-01-5.0
205333 -03	FB-01-7.5
205333 -04	FB-01-10.0
205333 -05	FB-02-2.5
205333 -06	FB-02-5.0
205333 -07	FB-02-7.5
205333 -08	FB-02-10.0
205333 -09	FB-03-2.5
205333 -10	FB-03-5.0
205333 -11	FB-03-7.5
205333 -12	FB-03-10.0
205333 -13	FB-04-2.0
205333 -14	FB-04-5.0
205333 -15	FB-04-7.5
205333 -16	FB-04-10.0
205333 -17	FB-05-2.5
205333 -18	FB-05-5.0
205333 -19	FB-05-7.5
205333 -20	FB-05-10.0
205333 -21	FB-06-2.0
205333 -22	FB-06-5.0
205333 -23	FB-06-7.5
205333 -24	FB-06-10.0
205333 -25	FB-07-2.5
205333 -26	FB-07-5.0
205333 -27	FB-07-7.5
205333 -28	FB-07-10.0
205333 -29	FB-08-2.5
205333 -30	FB-08-5.0
205333 -31	FB-08-7.5
205333 -32	FB-08-9.5
205333 -33	FB-09-2.5
205333 -34	FB-09-5.0
205333 -35	FB-09-7.0
205333 -36	FB-09-8.0
205333 -37	FB-10-2.5

CASE NARRATIVE (continued)

Laboratory ID	Farallon Consulting, LLC
205333 -38	FB-10-5.0
205333 -39	FB-10-7.5
205333 -40	FB-10-9.0
205333 -41	FB-11-2.5
205333 -42	FB-11-5.0
205333 -43	FB-11-7.0
205333 -44	FB-11-8.0
205333 -45	FB-12-2.0
205333 -46	FB-12-5.0
205333 -47	FB-12-7.5
205333 -48	FB-12-10.0
205333 -49	FB-13-2.0
205333 -50	FB-13-5.0
205333 -51	FB-13-7.5
205333 -52	FB-13-10.0
205333 -53	FB-14-2.5
205333 -54	FB-14-5.0
205333 -55	FB-14-7.5
205333 -56	FB-14-10.0
205333 -57	FB-15-2.5
205333 -58	FB-15-5.0
205333 -59	FB-15-7.5
205333 -60	FB-15-10.0
205333 -61	FB-16-2.5
205333 -62	FB-16-5.0
205333 -63	FB-16-7.5
205333 -64	FB-16-8.5
205333 -65	FB-17-2.0
205333 -66	FB-17-5.0
205333 -67	FB-17-7.5
205333 -68	FB-17-10.0
205333 -69	FB-18-2.5
205333 -70	FB-18-5.0
205333 -71	FB-18-7.5
205333 -72	FB-19-1.5
205333 -73	FB-19-5.5
205333 -74	FB-20-2.5
205333 -75	FB-20-5.0
205333 -76	FB-20-7.5

CASE NARRATIVE (continued)

Laboratory ID	Farallon Consulting, LLC
205333 -77	FB-20-10.0
205333 -78	FB-21-2.5
205333 -79	FB-21-5.0
205333 -80	FB-21-7.5
205333 -81	FB-21-9.0
205333 -82	FB-22-2.5
205333 -83	FB-22-5.0
205333 -84	FB-22-7.5
205333 -85	FB-22-8.5
205333 -86	FB-23-2.5
205333 -87	FB-23-5.0
205333 -88	FB-23-7.0
205333 -89	FB-23-8.0
205333 -90	FB-24-2.5
205333 -91	FB-24-5.0
205333 -92	FB-24-7.5
205333 -93	FB-24-10.0
205333 -94	FB-25-2.5
205333 -95	FB-25-5.0
205333 -96	FB-25-7.5
205333 -97	FB-25-10.0
205333 -98	FB-26-2.5
205333 -99	FB-26-5.0
205333 -100	FB-26-7.5
205333 -101	FB-26-8.5
205333 -102	FB-27-2.5
205333 -103	FB-27-5.0
205333 -104	FB-27-7.5
205333 -105	FB-27-8.5
205333 -106	FB-28-2.5
205333 -107	FB-28-5.0
205333 -108	FB-28-7.5
205333 -109	FB-28-10.0
205333 -110	FB-29-2.5
205333 -111	FB-29-5.0
205333 -112	FB-29-7.5
205333 -113	FB-29-9.0
205333 -114	FB-30-2.5
205333 -115	FB-30-5.0

CASE NARRATIVE (continued)

Laboratory ID	Farallon Consulting, LLC
205333 -116	FB-30-7.5
205333 -117	FB-30-10.0
205333 -118	FB-31-2.5
205333 -119	FB-31-5.0
205333 -120	FB-31-7.5
205333 -121	FB-31-10.0
205333 -122	FB-32-2.5
205333 -123	FB-32-5.0
205333 -124	FB-32-7.0
205333 -125	FB-32-8.5
205333 -126	FB-33-2.5
205333 -127	FB-33-5.0
205333 -128	FB-33-7.0
205333 -129	FB-33-9.0
205333 -130	FB-34-2.5
205333 -131	FB-34-5.0
205333 -132	FB-34-7.5
205333 -133	FB-35-2.0
205333 -134	FB-35-5.0
205333 -135	FB-35-7.5
205333 -136	FB-35-9.0
205333 -137	FB-36-2.5
205333 -138	FB-36-5.0
205333 -139	FB-36-7.0
205333 -140	FB-36-8.5

All quality control requirements were acceptable.

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333
Date Extracted: 05/20/22, 05/23/22 and 05/25/22
Date Analyzed: 05/20/22, 05/23/22 and 05/25/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
FB-02-5.0 205333-06	12,000	12,000	121
FB-02-7.5 205333-07	<50	<250	107
FB-03-2.5 205333-09	<50	420	112
FB-06-5.0 205333-22	96 x	460	112
FB-07-5.0 205333-26	12,000	11,000	127
FB-07-7.5 205333-27	<50	<250	110
FB-10-2.5 205333-37	<50	510	113
FB-13-5.0 205333-50	530 x	1,400	114
FB-23-5.0 205333-87	960 x	2,100	119
FB-24-5.0 205333-91	240 x	770	113
FB-25-5.0 205333-95	<50	<250	136

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333
Date Extracted: 05/20/22, 05/23/22 and 05/25/22
Date Analyzed: 05/20/22, 05/23/22 and 05/25/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
FB-26-5.0 205333-99	<50	<250	121
FB-27-5.0 205333-103	<50	<250	132
Method Blank 02-1255 MB	<50	<250	110
Method Blank 02-1258 MB	<50	<250	118
Method Blank 02-1274 MB	<50	<250	107

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-01-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-01 1/6
Date Analyzed:	05/26/22	Data File:	052532.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	101	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.082
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-01-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-02 1/6
Date Analyzed:	05/26/22	Data File:	052533.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-02-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-05 1/6
Date Analyzed:	05/24/22	Data File:	052331.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-02-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-06 1/6
Date Analyzed:	05/24/22	Data File:	052332.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	63	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-03-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-09 1/6
Date Analyzed:	05/24/22	Data File:	052333.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-03-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-10 1/6
Date Analyzed:	05/24/22	Data File:	052334.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-04-2.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-13 1/6
Date Analyzed:	05/26/22	Data File:	052534.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-04-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-14 1/6
Date Analyzed:	05/26/22	Data File:	052535.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	43	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-05-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-17 1/6
Date Analyzed:	05/26/22	Data File:	052536.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	62	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-05-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-18 1/6
Date Analyzed:	05/26/22	Data File:	052537.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	69	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-06-2.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-21 1/6
Date Analyzed:	05/24/22	Data File:	052337.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	69	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-06-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-22 1/6
Date Analyzed:	05/24/22	Data File:	052338.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-06-10.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-24 1/6
Date Analyzed:	05/27/22	Data File:	052707.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-07-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-25 1/6
Date Analyzed:	05/24/22	Data File:	052339.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-07-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-26 1/6
Date Analyzed:	05/24/22	Data File:	052340.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	59	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-08-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-29 1/6
Date Analyzed:	05/26/22	Data File:	052540.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	55	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-08-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-30 1/6
Date Analyzed:	05/26/22	Data File:	052541.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-09-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-33 1/6
Date Analyzed:	05/26/22	Data File:	052542.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.35
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-09-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-34 1/6
Date Analyzed:	05/27/22	Data File:	052636.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	47	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-10-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-37 1/6
Date Analyzed:	05/24/22	Data File:	052341.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	55	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-10-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-38 1/6
Date Analyzed:	05/24/22	Data File:	052342.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	60	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-11-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-41 1/6
Date Analyzed:	05/26/22	Data File:	052544.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-11-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-42 1/6
Date Analyzed:	05/26/22	Data File:	052545.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.44
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-12-2.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-45 1/6
Date Analyzed:	05/26/22	Data File:	052546.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.96
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-12-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-46 1/6
Date Analyzed:	05/27/22	Data File:	052637.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	105	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.19
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-12-10.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-48 1/6
Date Analyzed:	05/27/22	Data File:	052708.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-2.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-49 1/6
Date Analyzed:	05/24/22	Data File:	052343.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	67	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.024
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-50 1/6
Date Analyzed:	05/24/22	Data File:	052344.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	61	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	9.7 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-50 1/120
Date Analyzed:	05/25/22	Data File:	052525.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.4
Aroclor 1232	<0.4
Aroclor 1016	<0.4
Aroclor 1242	<0.4
Aroclor 1248	<0.4
Aroclor 1254	16
Aroclor 1260	<0.4
Aroclor 1262	<0.4
Aroclor 1268	<0.4

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-51 1/6
Date Analyzed:	05/25/22	Data File:	052521.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	60	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	55 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-51 1/1200
Date Analyzed:	05/27/22	Data File:	052644.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	83

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-13-10.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-52 1/6
Date Analyzed:	05/27/22	Data File:	052709.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	77	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.33
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-14-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-53 1/6
Date Analyzed:	05/26/22	Data File:	052550.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.51
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-14-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-54 1/6
Date Analyzed:	05/26/22	Data File:	052551.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	55	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.27
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-14-10.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-56 1/6
Date Analyzed:	05/27/22	Data File:	052710.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	73	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-15-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-57 1/6
Date Analyzed:	05/26/22	Data File:	052552.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	61	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.12
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-15-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-58 1/6
Date Analyzed:	05/26/22	Data File:	052553.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	3.2 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-15-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-58 1/120
Date Analyzed:	05/27/22	Data File:	052645.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	150 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	7.5

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-15-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/31/22	Lab ID:	205333-59 1/6
Date Analyzed:	05/31/22	Data File:	053119.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-15-10.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/31/22	Lab ID:	205333-60 1/6
Date Analyzed:	05/31/22	Data File:	053120.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-16-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-61 1/6
Date Analyzed:	05/27/22	Data File:	052638.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	94	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.057
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-16-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-62 1/6
Date Analyzed:	05/26/22	Data File:	052555.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	63	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	3.0 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-16-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-62 1/120
Date Analyzed:	05/27/22	Data File:	052646.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	3.9

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-16-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/31/22	Lab ID:	205333-63 1/6
Date Analyzed:	05/31/22	Data File:	053121.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	61	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	3.6 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-16-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/31/22	Lab ID:	205333-63 1/120
Date Analyzed:	06/02/22	Data File:	060145.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	5.9

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-16-8.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/31/22	Lab ID:	205333-64 1/6
Date Analyzed:	06/02/22	Data File:	060146.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.031
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-17-2.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-65 1/6
Date Analyzed:	05/25/22	Data File:	052523.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	64	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-17-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-66 1/6
Date Analyzed:	05/25/22	Data File:	052524.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	59	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.021
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-18-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-69 1/6
Date Analyzed:	05/25/22	Data File:	052525.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	38	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-18-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-70 1/6
Date Analyzed:	05/25/22	Data File:	052528.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.90
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-18-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/31/22	Lab ID:	205333-71 1/6
Date Analyzed:	05/31/22	Data File:	053123.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.021
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-19-1.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-72 1/6
Date Analyzed:	05/25/22	Data File:	052529.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	69	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	1.6 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-19-1.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-72 1/120
Date Analyzed:	05/27/22	Data File:	052717.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	2.5

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-19-5.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-73 1/6
Date Analyzed:	05/25/22	Data File:	052530.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	67	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	4.3 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-19-5.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-73 1/300
Date Analyzed:	05/27/22	Data File:	052718.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	8.6

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-20-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-74 1/6
Date Analyzed:	05/25/22	Data File:	052531.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	72	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-20-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-75 1/6
Date Analyzed:	05/25/22	Data File:	052532.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-21-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-78 1/6
Date Analyzed:	05/25/22	Data File:	052533.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-21-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-79 1/6
Date Analyzed:	05/25/22	Data File:	052534.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	50	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.046
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-22-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-82 1/6
Date Analyzed:	05/25/22	Data File:	052535.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	38	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-22-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-83 1/6
Date Analyzed:	05/25/22	Data File:	052536.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.050
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-23-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-86 1/6
Date Analyzed:	05/26/22	Data File:	052537.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	3.1 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-23-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-86 1/120
Date Analyzed:	05/27/22	Data File:	052719.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	4.8

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-23-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-87 1/6
Date Analyzed:	05/24/22	Data File:	052347.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	62	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	8.5 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-23-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-87 1/120
Date Analyzed:	05/25/22	Data File:	052526.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	14

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-23-7.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-88 1/6
Date Analyzed:	05/27/22	Data File:	052640.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	62	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	1.4 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-23-7.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-88 1/120
Date Analyzed:	06/03/22	Data File:	060222.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	2.2

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-23-8.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	205333-89 1/6
Date Analyzed:	05/27/22	Data File:	052711.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.094
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-24-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-90 1/6
Date Analyzed:	05/26/22	Data File:	052538.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-24-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-91 1/6
Date Analyzed:	05/24/22	Data File:	052348.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	2.4 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-24-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-91 1/60
Date Analyzed:	05/25/22	Data File:	052527.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	3.8

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-24-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/25/22	Lab ID:	205333-92 1/6
Date Analyzed:	05/27/22	Data File:	052641.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.45
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-25-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-94 1/6
Date Analyzed:	05/24/22	Data File:	052413.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-25-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-95 1/6
Date Analyzed:	05/24/22	Data File:	052414.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.20
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-26-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-98 1/6
Date Analyzed:	05/26/22	Data File:	052541.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	27	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-26-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-99 1/6
Date Analyzed:	05/24/22	Data File:	052415.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	1.3 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-26-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	205333-99 1/60
Date Analyzed:	05/25/22	Data File:	052528.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	90 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	1.6

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-26-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	06/02/22	Lab ID:	205333-100 1/6
Date Analyzed:	06/02/22	Data File:	060217.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	65	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	3.5 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-26-7.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	06/03/22	Lab ID:	205333-100 1/120
Date Analyzed:	06/03/22	Data File:	060306.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	5.7

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-26-8.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	06/03/22	Lab ID:	205333 -101 1/6
Date Analyzed:	06/03/22	Data File:	060309.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	92	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-27-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-102 1/6
Date Analyzed:	05/26/22	Data File:	052542.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-27-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-103 1/6
Date Analyzed:	05/24/22	Data File:	052416.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-28-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-106 1/6
Date Analyzed:	05/26/22	Data File:	052543.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	73	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-28-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	205333-107 1/6
Date Analyzed:	05/26/22	Data File:	052544.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-29-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-110 1/6
Date Analyzed:	05/24/22	Data File:	052417.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	89	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-29-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-111 1/6
Date Analyzed:	05/24/22	Data File:	052419.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-30-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-114 1/6
Date Analyzed:	05/24/22	Data File:	052420.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-30-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-115 1/6
Date Analyzed:	05/24/22	Data File:	052421.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-31-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-118 1/6
Date Analyzed:	05/24/22	Data File:	052422.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-31-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-119 1/6
Date Analyzed:	05/24/22	Data File:	052423.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-32-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-122 1/6
Date Analyzed:	05/24/22	Data File:	052424.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	86	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-32-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-123 1/6
Date Analyzed:	05/24/22	Data File:	052425.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-33-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-126 1/6
Date Analyzed:	05/24/22	Data File:	052426.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-33-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-127 1/6
Date Analyzed:	05/24/22	Data File:	052428.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-34-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-130 1/6
Date Analyzed:	05/24/22	Data File:	052429.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-34-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-131 1/6
Date Analyzed:	05/24/22	Data File:	052430.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-35-2.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-133 1/6
Date Analyzed:	05/24/22	Data File:	052431.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-35-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-134 1/6
Date Analyzed:	05/24/22	Data File:	052432.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-36-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-137 1/6
Date Analyzed:	05/25/22	Data File:	052433.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	71	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-36-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/19/22	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	205333-138 1/6
Date Analyzed:	05/25/22	Data File:	052434.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	02-1270 mb 1/6
Date Analyzed:	05/25/22	Data File:	052521.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	02-1269 mb 1/6
Date Analyzed:	05/26/22	Data File:	052530.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	05/20/22	Lab ID:	02-1257 mb 1/6
Date Analyzed:	05/24/22	Data File:	052329.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	100	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	05/23/22	Lab ID:	02-1266 mb 1/6
Date Analyzed:	05/24/22	Data File:	052411.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	94	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	05/24/22	Lab ID:	02-1272 mb2
Date Analyzed:	05/25/22	Data File:	052520.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	97	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	05/26/22	Lab ID:	02-1287 mb 1/6
Date Analyzed:	05/27/22	Data File:	052704.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	97	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	05/31/22	Lab ID:	02-1317 mb 1/6
Date Analyzed:	05/31/22	Data File:	053105.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	94	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	06/02/22	Lab ID:	02-1333 mb 1/6
Date Analyzed:	06/02/22	Data File:	060204.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	102	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001
Date Extracted:	06/03/22	Lab ID:	02-1333 mb2 1/6
Date Analyzed:	06/03/22	Data File:	060308.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	105	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 205334-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	96	96	73-135	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	98	74-139

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 205367-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	280	98	89	63-146	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	86	79-144

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 205333-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	88	92	73-135	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	74-139

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205333-05 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	75	68	29-125	10
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	73	66	25-137	10

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	91	55-137
Aroclor 1260	mg/kg (ppm)	0.25	94	51-150

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205333-103 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	84	91	29-125	8
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	86	93	25-137	8

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	96	55-137
Aroclor 1260	mg/kg (ppm)	0.25	100	51-150

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205365-95 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	96	96	29-125	0
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	101	100	25-137	1

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	91	55-137
Aroclor 1260	mg/kg (ppm)	0.25	107	51-150

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205333-02 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	88	99	29-125	12
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	97	106	25-137	9

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	99	55-137
Aroclor 1260	mg/kg (ppm)	0.25	106	51-150

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205333-65 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	84	84	44-107	0
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	89	88	38-124	1

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	86	47-158
Aroclor 1260	mg/kg (ppm)	0.25	87	69-147

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205333-24 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	84	84	29-125	0
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	89	89	25-137	0

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	102	55-137
Aroclor 1260	mg/kg (ppm)	0.25	105	51-150

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205482-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	99	98	29-125	1
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	105	103	25-137	2

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	108	55-137
Aroclor 1260	mg/kg (ppm)	0.25	110	51-150

Date of Report: 06/07/22
Date Received: 05/19/22
Project: PACCAR Site 1353-001, F&BI 205333

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 206021-02 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	100	101	29-125	1
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	99	101	25-137	2

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	103	55-137
Aroclor 1260	mg/kg (ppm)	0.25	103	51-150

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 405

Page # 1 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: ◆ 24h TAT SB 5/21/22 ME

Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

24h TAT per SB 5/16/22 ME

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						X per SB 5/20/22 ME Notes ● 24 h TAT per SB 5/24/22 ME
FB-01-2.5	01	5-18-22	0900	soil	1						X						STD TAT
FB-01-5.0	02		0901								X						↓
FB-01-7.5	03		0902														
FB-01-10.0	04		0903														
FB-02-2.5	05		0915								X						48 hour
FB-02-5.0	06		0916			X					X						↓
FB-02-7.5	07		0917			●											
FB-02-10.0	08		0918														
FB-03-2.5	09		0934			X					X						48 hr
FB-03-5.0	10	▽	0935	▽	▽						X						↓

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by: [signature]	VINH	FPDI	5/19/22	1255
Relinquished by:				
Received by:			Samples received at 4 °C	

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

MW

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 ADS

Page # 2 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (signature) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO#: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
						ANALYSES REQUESTED											
FB-03-7.5	11	5-18-22	0937	Soil	1												
FB-03-10.0	12	↓	0938	↓	↓												
FB-04-2.0	13		0950								X						STD TAT
FB-04-5.0	14		0951								X						↓
FB-04-7.5	15		0952														
FB-04-10.0	16		0953														
FB-05-2.5	17		1005								X						STD TAT
FB-05-5.0	18		1006								X						↓
FB-05-7.5	19		1007														
FB-05-10.0	20	↓	1008	↓	↓												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by:	VINH	FBI	5/19/22	1255
Relinquished by:				
Received by:		Samples received at 4°C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 ADS

Page # 3 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (signature) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS

Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☒ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
						ANALYSES REQUESTED											
FB-06-2.0	21	5-18-22	1030	soil	1						X						48hr TAT
FB-06-5.0	22	↓	1031	↓	↓	X					X						↓
FB-06-7.5	23		1032														
FB-06-10.0	24		1033								■						
FB-07-2.5	25		1045								X						48hr TAT
FB-07-5.0	26		1046			X					X						↓
FB-07-7.5	27		1047			●											
FB-07-10.0	28		1048														
FB-08-2.5	29		1102								X						STD TAT
FB-08-5.0	30	↓	1103	↓	↓						X						↓

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by:	VINH	FBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at	4°C	

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 1405

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
FB-08-7.5	31	5-18-22	1104	soil	1												
FB-08-9.5	32	"	1105	"	"												
FB-09-2.5	33	"	1118	"	"						X						STD TAT
FB-09-5.0	34	"	1119	"	"						X						↓
FB-09-7.0	35	"	1120	"	"												
FB-09-8.0	36	"	1121	"	"												
FB-10-2.5	37	"	1130	"	"	X					X						48 h TAT
FB-10-5.0	38	"	1131	"	"						X						↓
FB-10-7.5	39	"	1132	"	"												
FB-10-9.0	40	"	1133	"	"												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by: [illegible]	[illegible]	FBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at	4 °C	

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 AOS

Page # 5 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☒ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
						ANALYSES REQUESTED											
FB-11-2.5	41	5-18-22	1155	Soil	1						X						std TAT
FB-11-5.0	42	↓	1156	↓	↓						X						↓
FB-11-7.0	43		1157														
FB-11-8.0	44		1158														no label. TWC labeled @ lab 5/19
FB-12-2.0	45		1244								X						std TAT
FB-12-5.0	46		1245								X						↓
FB-12-7.5	47		1246														
FB-12-10.0	48		1247								■						
FB-13-2.0	49		1305								X						48h TAT
FB-13-5.0	50	↓	1306	↓	↓	X					X						↓

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by: [signature]	VINH	FBI	5/19/22	1255
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 ADS

Page # 6 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
FB-13-7.5	51	5-18-22	1307	soil	1						●	
FB-13-10.0	52		1308								■	
FB-14-2.5	53		1315								X	STDTAT
FB-14-5.0	54		1316								X	↓
FB-14-7.5	55		1317									
FB-14-10.0	56		1318								■	
FB-15-2.5	57		1330								X	STD TAT
FB-15-5.0	58		1331								X	↓
FB-15-7.5	59		1332								◆	
FB-15-10.0	60	↓	1333	↓	↓						◆	

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by:	V/N H	FBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 A05

Page # 7 of 14

[redacted] Report To Stuart Brown

Company Farallon Consulting

Address 975 5th ave NW,

City, State, ZIP Issaquah, WA 98027

Phone ______ Email sbrown@farallonconsulting.com

SAMPLERS (signature) Courtney Aranstolk [redacted]

PROJECT NAME	PO #
PACCAR site	1353-001
REMARKS Project Specific RLs - Yes / No	INVOICE TO ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

ANALYSES REQUESTED

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082							Notes
FB-16-2.5	61	5-18-22	1355	Soil	1						X							STD TAT
FB-16-5.0	62		1356								X							↓
FB-16-7.5	63		1357								◆							
FB-16-8.5	64		1358								◆							
FB-17-2.0	65	5-18-22	1408								X							STD TAT
FB-17-5.0	66		1409								X							↓
FB-17-7.5	67		1410															labeled as 17-7.5 w/ time 14:10 Tue 5/19
FB-17-10.0	68		1411															labeled as 17-7.5 w/ ~~correct~~ time 14:11 - Tue 5/19 ↳ labeled correct @ Lab
FB-18-2.5	69		1425								X							STD TAT
FB-18-5.0	70	↓	1426	↓	↓						X							↓

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Courtney Aranstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by:	[signature]	VINH	FBI	5-19-22	1255
Relinquished by:					
Received by:			Samples received at 4 °C		

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 AOS

Page # 8 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO#: 1353-001

REMARKS

Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
FB-18-7.5	71	5-18-22	1427	Soil	1						◆	
FB-19-1.5	72		1437								X	STD TAT
FB-19-5.5	73		1438								X	
FB-~~FS~~-20-2.5	74		1447								X	
FB-20-5.0	75		1448								X	
FB-20-7.5	76		1449									
FB-20-10.0	77		1450									
FB-21-2.5	78		1505								X	STD TAT
FB-21-5.0	79		1506								X	
FB-21-7.5	80		1507									

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by: Nelk	VINH	EBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at 4°C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22

Page # 9 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
						ANALYSES REQUESTED											
FB-21-9.0	81	5-18-22	1508	soil	1												
FB-22-2.5	82		1524								X						STD TAT
FB-22-5.0	83		1525								X						↓
FB-22-7.5	84		1526														
FB-22-8.5	85		1527														
FB-23-2.5	86		1538								X						STD TAT
FB-23-5.0	87		1539			X					X						48hr TAT
FB-23-7.0	88		1540								●						
FB-23-8.0	89		1541								■						
FB-24-2.5	90	▽	1555	▽	▽						X						STD TAT

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by: Huh	VINH	FBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY 05-19-22 AZS

Report To Stuart Broun
Company Farallon Consulting
Address 975 5th Ave NW,
City, State, ZIP Issaquah, WA 98027
Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (signature) Courtney Vanstolk
PROJECT NAME: PACCAR site
PO #: 1353-001
REMARKS: Project Specific RLs - Yes / No
INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
☐ Standard Turnaround
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Archive Samples
☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
						ANALYSES REQUESTED						per SB 24hr TAT 6/1/22 mk
FB-24-5.0	91	5-18-22	1556	soil	1	■					■	48hr TAT
FB-24-7.5	92	↓	1557	↓	↓						●	
FB-24-10.0	93	↓	1558	↓	↓							
FB-25-2.5	94	5-19-22	0820	↓	↓						■	48hr TAT
FB-25-5.0	95	↓	0821	↓	↓	■					■	
FB-25-7.5	96	↓	0822	↓	↓							
FB-25-10.0	97	↓	0823	↓	↓							
FB-26-2.5	98	↓	0835	↓	↓						■	Standard TAT
FB-26-5.0	99	↓	0836	↓	↓	■					■	48hr TAT
FB-26-7.5	100	↓	0837	↓	↓						■	

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by:	VINH	FBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205 333

SAMPLE CHAIN OF CUSTODY

05-19-22 A05

Page # 11 of 14

Report To Stuart Broum

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroum@farallonconsulting.com

SAMPLERS (signature) Courtney VanStolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
						ANALYSES REQUESTED											
FB-26-8.5	101	5-19-22	0838	soil	1						⊕						⊕ -24hr TAT per SB 6/3/22 MC
FB-27-2.5	102		0853								\						standard TAT
FB-27-5.0	103		0854			\					\						48hr TAT
FB-27-7.5	104		0855														
FB-27-8.5	105		0856														
FB-28-2.5	106		0910								\						Standard TAT
FB-28-5.0	107		0911								\						
FB-28-7.5	108		0912														
FB-28-10.0	109		0913														
FB-29-2.5	110		0955								\						48hr TAT

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney VanStolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by: VINH	VINH	FBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at 4°C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22

A05

Page # 12 of 14

Report To Stuart Broun

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
FB-29-5.0	111	5-19-22	0956	Soil	1						X	48hr TAT
FB-29-7.5	112		0957									
FB-29-9.0	113		0958								X	
FB-30-2.5	114		1005								X	
FB-30-5.0	115		1006								X	
FB-30-7.5	116		1007									
FB-30-10.0	117		1008									
FB-31-2.5	118		1020								X	
FB-31-5.0	119		1021								X	
FB-31-7.5	120		1022									

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by:	VINH	FBI	5-19-22	1255
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY

05-19-22 - AOS

Page # 13 of 14

Report To Stuart Broum

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroum@farallonconsulting.com

SAMPLERS (*signature*) Courtney Arambula

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH _____
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
						ANALYSES REQUESTED											
FB-31-10.0	121	~~5~~ 5-19	1023	Soil	1												48hr TAT
FB-32-2.5	122	"	1035	"	"						\						
FB-32-5.0	123	"	1036	"	"						\						
FB-32-7.0	124	"	1037	"	"												
FB-32-8.5	125	"	1038	"	"												
FB-33-2.5	126	"	1050	"	"						\						
FB-33-5.0	127	"	1051	"	"						\						
FB-33-7.0	128	"	1052	"	"												
FB-33-9.0	129	"	1053	"	"												
FB-34-2.5	130	"	1100	"	"						\						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Arambula	Courtney van Stolk	Farallon	5-19-22	1256
Received by:	VINH	FBI	5/19/22	1255
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205333

SAMPLE CHAIN OF CUSTODY 05-19-22 A05

Page # 14 of 14

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th ave NW,

City, State, ZIP Issaquah, WA 98027

Phone ______ Email sbrown@farallonconsulting.com

SAMPLERS (signature) Courtney [redacted]

PROJECT NAME	PO #
PACCAR site	1353-001
REMARKS	INVOICE TO
Project Specific RLs - Yes / No	ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
FB-34-5.0	131	5-19-22	1101	soil	1						✓						48hr TAT
FB-34-7.5	132	↓	1102	↓	↓												
FB-35-2.0	133	↓	1112	↓	↓						✓						
FB-35-5.0	134	↓	1113	↓	↓						✓						
FB-35-7.5	135	↓	1114	↓	↓												
FB-35-9.0	136	↓	1115	↓	↓												
FB-36-2.5	137	↓	1125	↓	↓						✓						
FB-36-5.0	138	↓	1126	↓	↓						✓						
FB-36-7.0	139	↓	1127	↓	↓												
FB-36-8.5	140	↓	1128	↓	↓												

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Courtney Aranstolk	Courtney van Stolk	Farallon	5-19-22	1255
Received by:	[signature]	VINH	FBI	5/19/22	1255
Relinquished by:					
Received by:			Samples received at	4 °C	

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

June 7, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included is the amended report from the testing of material submitted on May 20, 2022 from the PACCAR Site 1353-001, F&BI 205365 project. The sample ID FB-20-5.0 has been corrected to FB-50-5.0.

We apologize for the inconvenience and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0606R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

June 6, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

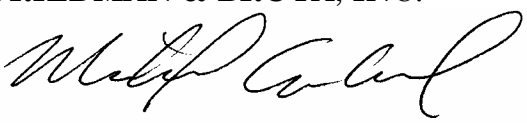
Dear Mr Brown:

Included are the results from the testing of material submitted on May 20, 2022 from the PACCAR Site 1353-001, F&BI 205365 project. There are 92 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0606R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 20, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR Site 1353-001, F&BI 205365 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
205365 -01	FB-37-2.5
205365 -02	FB-37-5.0
205365 -03	FB-37-7.0
205365 -04	FB-37-9.0
205365 -05	FB-38-2.5
205365 -06	FB-38-5.0
205365 -07	FB-38-7.0
205365 -08	FB-38-8.0
205365 -09	FB-39-2.5
205365 -10	FB-39-5.0
205365 -11	FB-39-7.5
205365 -12	FB-39-10.0
205365 -13	FB-40-2.5
205365 -14	FB-40-5.0
205365 -15	FB-40-7.5
205365 -16	FB-40-10.0
205365 -17	FB-41-2.5
205365 -18	FB-41-5.0
205365 -19	FB-41-7.5
205365 -20	FB-41-10.0
205365 -21	FB-42-2.5
205365 -22	FB-42-5.0
205365 -23	FB-42-7.0
205365 -24	FB-42-8.5
205365 -25	FB-43-2.5
205365 -26	FB-43-5.0
205365 -27	FB-43-7.5
205365 -28	FB-43-10.0
205365 -29	FB-44-2.5
205365 -30	FB-44-5.0
205365 -31	FB-44-7.5
205365 -32	FB-44-10.0
205365 -33	FB-45-2.5
205365 -34	FB-45-5.0
205365 -35	FB-45-7.5
205365 -36	FB-45-10.0
205365 -37	FB-46-2.5

CASE NARRATIVE (continued)

Laboratory ID	Farallon Consulting, LLC
205365 -38	FB-46-5.0
205365 -39	FB-46-7.5
205365 -40	FB-46-10.0
205365 -41	FB-47-2.5
205365 -42	FB-47-5.0
205365 -43	FB-47-7.5
205365 -44	FB-47-10.0
205365 -45	FB-48-2.5
205365 -46	FB-48-5.0
205365 -47	FB-48-7.5
205365 -48	FB-48-10.0
205365 -49	FB-49-2.5
205365 -50	FB-49-5.0
205365 -51	FB-49-7.0
205365 -52	FB-49-9.0
205365 -53	FB-50-2.5
205365 -54	FB-50-5.0
205365 -55	FB-50-7.0
205365 -56	FB-50-9.0
205365 -57	FB-51-2.5
205365 -58	FB-51-5.0
205365 -59	FB-51-7.0
205365 -60	FB-51-8.5
205365 -61	FB-52-2.5
205365 -62	FB-52-5.0
205365 -63	FB-52-7.5
205365 -64	FB-52-9.5
205365 -65	FB-53-2.5
205365 -66	FB-53-5.0
205365 -67	FB-53-7.5
205365 -68	FB-53-9.5
205365 -69	FB-54-2.5
205365 -70	FB-54-5.0
205365 -71	FB-54-7.0
205365 -72	FB-54-9.0
205365 -73	FB-55-2.5
205365 -74	FB-55-5.0
205365 -75	FB-55-7.0
205365 -76	FB-55-9.0
205365 -77	FB-56-2.5

CASE NARRATIVE (continued)

Laboratory ID	Farallon Consulting, LLC
205365 -78	FB-56-5.0
205365 -79	FB-56-7.5
205365 -80	FB-56-9.5
205365 -81	FB-57-2.5
205365 -82	FB-57-5.0
205365 -83	FB-57-7.5
205365 -84	FB-57-10.0
205365 -85	FB-58-2.5
205365 -86	FB-58-5.0
205365 -87	FB-58-7.5
205365 -88	FB-59-2.5
205365 -89	FB-59-5.0
205365 -90	FB-59-6.5
205365 -91	FB-60-2.5
205365 -92	FB-60-5.0
205365 -93	FB-60-7.5
205365 -94	FB-60-9.5
205365 -95	FB-61-2.5
205365 -96	FB-61-5.0
205365 -97	FB-61-7.5
205365 -98	FB-61-9.5
205365 -99	FB-62-1.5
205365 -100	FB-63-2.5
205365 -101	FB-63-5.0
205365 -102	FB-63-7.5
205365 -103	FB-63-10.0
205365 -104	FB-64-2.5
205365 -105	FB-64-5.0
205365 -106	FB-64-6.5
205365 -107	FB-64-8.0
205365 -108	FB-65-2.5
205365 -109	FB-65-5.0
205365 -110	FB-65-7.5
205365 -111	FB-65-10.0
205365 -112	FB-66-2.5
205365 -113	FB-66-5.0
205365 -114	FB-66-7.0
205365 -115	FB-66-9.0

CASE NARRATIVE (continued)

Laboratory ID	Farallon Consulting, LLC
205365 -116	FB-67-2.5
205365 -117	FB-67-5.0
205365 -118	FB-67-7.0
205365 -119	FB-67-8.5
205365 -120	FB-68-2.5
205365 -121	FB-68-5.0
205365 -122	FB-68-7.5
205365 -123	FB-68-10.0
205365 -124	FB-69-2.5
205365 -125	FB-69-5.0
205365 -126	FB-69-7.5
205365 -127	FB-69-10.0

All quality control requirements were acceptable.

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365
Date Extracted: 05/24/22
Date Analyzed: 05/24/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
FB-62-1.5 205365-99	7,600	17,000	102
FB-63-2.5 205365-100	200 x	480	ip
FB-67-2.5 205365-116	160 x	1,200	113
Method Blank 02-1267 MB	<50	<250	108

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-40-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-13
Date Analyzed:	05/26/22	Data File:	205365-13.055
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.13

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-41-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-17
Date Analyzed:	05/26/22	Data File:	205365-17.060
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.52

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-46-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-37
Date Analyzed:	05/26/22	Data File:	205365-37.061
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.38

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-47-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-41
Date Analyzed:	05/26/22	Data File:	205365-41.062
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.10

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-48-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-45
Date Analyzed:	05/26/22	Data File:	205365-45.063
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.80

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-49-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-49
Date Analyzed:	05/26/22	Data File:	205365-49.051
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.76

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-50-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-53
Date Analyzed:	05/26/22	Data File:	205365-53.052
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.40

Analysis For Total Metals By EPA Method 6020B

Client ID:	FB-51-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-57
Date Analyzed:	05/26/22	Data File:	205365-57.053
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.03

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	I2-379 mb2
Date Analyzed:	05/26/22	Data File:	I2-379 mb2.038
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	NA	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	I2-383 mb
Date Analyzed:	05/26/22	Data File:	I2-383 mb.039
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-37-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-01 1/6
Date Analyzed:	05/26/22	Data File:	052606.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-37-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-02 1/6
Date Analyzed:	05/26/22	Data File:	052607.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-38-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-05 1/6
Date Analyzed:	05/26/22	Data File:	052608.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	77	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-38-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-06 1/6
Date Analyzed:	05/26/22	Data File:	052609.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	67	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.032
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-39-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-09 1/6
Date Analyzed:	05/26/22	Data File:	052610.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	79	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-39-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-10 1/6
Date Analyzed:	05/26/22	Data File:	052611.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	73	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-40-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-13 1/6
Date Analyzed:	05/26/22	Data File:	052614.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	77	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-40-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-14 1/6
Date Analyzed:	05/26/22	Data File:	052615.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-41-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-17 1/6
Date Analyzed:	05/26/22	Data File:	052616.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	89	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-41-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-18 1/6
Date Analyzed:	05/26/22	Data File:	052617.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-42-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-21 1/6
Date Analyzed:	05/26/22	Data File:	052618.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	72	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-42-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-22 1/6
Date Analyzed:	05/26/22	Data File:	052619.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-43-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-25 1/6
Date Analyzed:	05/26/22	Data File:	052620.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-43-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-26 1/6
Date Analyzed:	05/27/22	Data File:	052621.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	60	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-44-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-29 1/6
Date Analyzed:	05/27/22	Data File:	052622.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	65	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-44-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-30 1/6
Date Analyzed:	05/27/22	Data File:	052625.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	60	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-45-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-33 1/6
Date Analyzed:	05/27/22	Data File:	052626.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	63	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-45-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-34 1/6
Date Analyzed:	05/27/22	Data File:	052627.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-46-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-37 1/6
Date Analyzed:	05/27/22	Data File:	052628.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	72	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-46-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-38 1/6
Date Analyzed:	05/27/22	Data File:	052629.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	66	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-47-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-41 1/6
Date Analyzed:	05/27/22	Data File:	052630.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	68	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-47-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-42 1/6
Date Analyzed:	05/27/22	Data File:	052631.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	71	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-48-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-45 1/6
Date Analyzed:	05/27/22	Data File:	052632.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	60	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-48-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	205365-46 1/6
Date Analyzed:	05/27/22	Data File:	052633.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	58	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-49-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-49 1/6
Date Analyzed:	06/01/22	Data File:	060106.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	44	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-49-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-50 1/6
Date Analyzed:	06/01/22	Data File:	060107.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	58	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-50-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-53 1/6
Date Analyzed:	06/01/22	Data File:	060108.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	65	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-50-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-54 1/6
Date Analyzed:	06/01/22	Data File:	060109.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-51-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-57 1/6
Date Analyzed:	06/01/22	Data File:	060110.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	72	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-51-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-58 1/6
Date Analyzed:	06/01/22	Data File:	060111.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	77	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-52-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-61 1/6
Date Analyzed:	06/01/22	Data File:	060112.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-52-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-62 1/6
Date Analyzed:	06/01/22	Data File:	060115.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	71	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-53-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-65 1/6
Date Analyzed:	06/01/22	Data File:	060116.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	64	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-53-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-66 1/6
Date Analyzed:	06/01/22	Data File:	060117.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	49	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-54-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-69 1/6
Date Analyzed:	06/01/22	Data File:	060118.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	69	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-54-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-70 1/6
Date Analyzed:	06/01/22	Data File:	060119.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	70	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-55-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-73 1/6
Date Analyzed:	06/01/22	Data File:	060120.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	65	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-55-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-74 1/6
Date Analyzed:	06/01/22	Data File:	060121.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	68	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-56-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-77 1/6
Date Analyzed:	06/01/22	Data File:	060122.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	73	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-56-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-78 1/6
Date Analyzed:	06/01/22	Data File:	060123.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-57-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-81 1/6
Date Analyzed:	06/01/22	Data File:	060126.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-57-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-82 1/6
Date Analyzed:	06/01/22	Data File:	060127.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	45	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-58-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-85 1/6
Date Analyzed:	06/01/22	Data File:	060128.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	84	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-58-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-86 1/6
Date Analyzed:	06/01/22	Data File:	060129.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	58	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-59-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-88 1/6
Date Analyzed:	05/31/22	Data File:	053136.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	62	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-59-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-89 1/6
Date Analyzed:	05/31/22	Data File:	053137.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	45	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-60-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-91 1/6
Date Analyzed:	06/01/22	Data File:	053140.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	46	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-60-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-92 1/6
Date Analyzed:	06/01/22	Data File:	053141.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	66	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-61-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-95 1/6
Date Analyzed:	05/25/22	Data File:	052506.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	72	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-61-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-96 1/6
Date Analyzed:	05/25/22	Data File:	052507.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	63	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-62-1.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-99 1/6
Date Analyzed:	05/25/22	Data File:	052508.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	64	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.20
Aroclor 1260	0.24
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-63-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-100 1/6
Date Analyzed:	05/25/22	Data File:	052518.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-63-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-101 1/6
Date Analyzed:	05/25/22	Data File:	052509.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-64-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-104 1/6
Date Analyzed:	05/25/22	Data File:	052510.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-64-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-105 1/6
Date Analyzed:	05/25/22	Data File:	052513.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	88	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-65-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-108 1/6
Date Analyzed:	06/01/22	Data File:	053142.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	48	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-65-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-109 1/6
Date Analyzed:	06/01/22	Data File:	053143.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-66-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-112 1/6
Date Analyzed:	05/25/22	Data File:	052514.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-66-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-113 1/6
Date Analyzed:	05/25/22	Data File:	052515.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-67-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-116 1/6
Date Analyzed:	05/25/22	Data File:	052516.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.021
Aroclor 1260	0.026
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-67-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	205365-117 1/6
Date Analyzed:	05/25/22	Data File:	052517.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-68-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-120 1/6
Date Analyzed:	06/01/22	Data File:	053144.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	64	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-68-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-121 1/6
Date Analyzed:	06/01/22	Data File:	053145.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	65	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-69-2.5	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-124 1/6
Date Analyzed:	06/01/22	Data File:	053146.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	FB-69-5.0	Client:	Farallon Consulting, LLC
Date Received:	05/20/22	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	205365-125 1/6
Date Analyzed:	06/01/22	Data File:	053147.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/24/22	Lab ID:	02-1272 mb 1/6
Date Analyzed:	05/25/22	Data File:	052504.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/27/22	Lab ID:	02-1281 mb 1/6
Date Analyzed:	05/31/22	Data File:	053134.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	73	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/25/22	Lab ID:	02-1276 mb 1/6
Date Analyzed:	05/26/22	Data File:	052604.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	94	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR Site 1353-001, F&BI 205365
Date Extracted:	05/26/22	Lab ID:	02-1280 mb 1/6
Date Analyzed:	06/01/22	Data File:	060104.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	96	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 205395-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	96	96	73-135	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	98	74-139

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 205364-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	83	87	75-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	90	80-120

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 205365-13 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	1.86	90	90	75-125	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	90	80-120

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205365-95 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	96	96	29-125	0
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	101	100	25-137	1

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	91	55-137
Aroclor 1260	mg/kg (ppm)	0.25	107	51-150

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205365-88 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	75	81	29-125	8
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	85	90	25-137	6

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	87	55-137
Aroclor 1260	mg/kg (ppm)	0.25	92	51-150

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205365-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	73	100	29-125	31 vo
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	94	106	25-137	12

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	102	55-137
Aroclor 1260	mg/kg (ppm)	0.25	106	51-150

Date of Report: 06/06/22
Date Received: 05/20/22
Project: PACCAR Site 1353-001, F&BI 205365

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 205365-49 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	78	64	29-125	20
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	86	82	25-137	5

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	93	55-137
Aroclor 1260	mg/kg (ppm)	0.25	100	51-150

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

205365

SAMPLE CHAIN OF CUSTODY

05/20/22 A005

Page # 1 of 13

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney vanStolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
FB-37-2.5	01	5-19-22	1220	soil	1						X						STD TAT
FB-37-5.0	02		1221								X						
FB-37-7.0	03		1222														
FB-37-9.0	04		1223														
FB-38-2.5	05		1230								X						
FB-38-5.0	06		1231								X						
FB-38-7.0	07		1232														
FB-38-8.0	08		1233														
FB-39-2.5	09		1245								X						
FB-39-5.0	10	▽	1246	▽	▽						X						▽

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney vanStolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MPham	MyLinh Pham	FBI	5/21/22	3:15
Relinquished by:				
Received by:		Samples received at		4 °C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365

SAMPLE CHAIN OF CUSTODY

05.20.22

A05

Page # 2 of 13

Report To Stuart Broun

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (*signature*) Courtney vanStolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH _____
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	As					Notes
FB-39-7.5	11	5-19-22	1247	soil	1												STD TAT
FB-39-10.0	12		1248		1												
FB-40-2.5	13A-B		1306		2						X	X					
FB-40-5.0	14		1307		1						X						
FB-40-7.5	15		1308		1												
FB-40-10.0	16		1309		1												
FB-41-2.5	17A-B		1320		2						X	X					
FB-41-5.0	18		1321		1						X						
FB-41-7.5	19		1322		1												
FB-41-10.0	20	↓	1323	↓	1												↓

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney vanStolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MPham	My-Linh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365

SAMPLE CHAIN OF CUSTODY

05-20-22

A05

Page # 3 of 13

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS

Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH _____
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
FB-42-2.5	21	5-19-22	1336	soil	1						X						STD TAT
FB-42-5.0	22	↓	1337	↓	↓						X						↓
FB-42-7.0	23		1338														
FB-42-8.5	24		1339														
FB-43-2.5	25		1355								X						STD TAT
FB-43-5.0	26		1356								X						↓
FB-43-7.5	27		1357														
FB-43-10.0	28		1358														
FB-44-2.5	29		1416								X						STD TAT
FB-44-5.0	30	↓	1411	↓	↓						X						↓

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: Nphan	My Linh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365

SAMPLE CHAIN OF CUSTODY

05.20.22

A05

Page # 4 of 13

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS

Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	As					Notes
						ANALYSES REQUESTED											
FB-44-7.5	31	5-19-22	1412	Soil	1												
FB-44-10.0	32	5-19-22	1413														
FB-45-2.5	33		1425								X						STD TAT
FB-45-5.0	34		1426								X						↓
FB-45-7.5	35		1427														
FB-45-10.0	36		1428														
FB-46-2.5	37		1440								X	X					STD TAT
FB-46-5.0	38		1441								X						↓
FB-46-7.5	39		1442														
FB-46-10.0	40	↓	1443	↓	↓												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: mpham	My Linh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at	4 °C	

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365

SAMPLE CHAIN OF CUSTODY

05.20.22

A05

Page # 5 of 13

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	As					Notes
						ANALYSES REQUESTED											
FB-47-2.5	41A-B	5-19-21	1300	soil	2						X	X					Time is 2 hours early but matches jars
FB-47-5.0	42		1301		1						X						
FB-47-7.5	43		1302		1												
FB-47-10.0	44		1303		1												
FB-48-2.5	45AB		1515		2						X	X					
FB-48-5.0	46		1516		1						X						
FB-48-7.5	47		1517														
FB-48-10.0	48		1518														
		5-20-21															

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MPham	My Linh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365 [redacted]

SAMPLE CHAIN OF CUSTODY

05-20-22 [redacted]

A05

Page # 6 of 13

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone ______ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney Aranstolk [redacted]

PROJECT NAME	PO #
PACCAR site	1353-001
REMARKS	INVOICE TO
Project Specific RLs - Yes / No	ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH______
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other______

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	As					Notes
FB-49-2.5	49A-B	5-20-22	0752	soil	2						X	X					Standard TAT
FB-49-5.0	50	↓	0753	↓	1						X						
FB-49-7.0	51	↓	0754	↓	1												
FB-49-9.0	52	↓	0755	↓	1												
FB-50-2.5	53A-B	↓	0805	↓	2						X	X					
FB-50-5.0	54	↓	0806	↓	1						X						
FB-50-7.0	55	↓	0807	↓	1												
FB-50-9.0	56	↓	0808	↓	1												
FB-51-2.5	57	↓	0812	↓	1						X	X					
FB-51-5.0	58	↓	0813	↓	1						X						

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Aranstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MyPham	MyLinh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

~~205305~~ mp 205365

SAMPLE CHAIN OF CUSTODY 05-20-22

A05

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH _____
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
FB-S1-7.0	59	5-20-22	0814	Soil	1												
FB-S1-8.5	60	"	0815	"	"												Standard TAT
FB-S2-2.5	61	"	0820	"	"						/						"
FB-S2-5.0	62	"	0821	"	"						/						"
FB-S2-7.5	63	"	0822	"	"												"
FB-S2-9.5	64	"	0823	"	"												"
FB-S3-2.5	65	"	0838	"	"						/						"
FB-S3-5.0	66	"	0839	"	"						/						"
FB-S3-7.5	67	"	0840	"	"												
FB-S3-9.5	68	"	0841	"	"												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: mpham	MyLinh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

2053365

SAMPLE CHAIN OF CUSTODY

05.20.22

Page # 8 of 13 A05

Report To Stuart Broum
Company Farallon Consulting
Address 975 5th Ave NW,
City, State, ZIP Issaquah, WA 98027
Phone _____ Email sbroum@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME	PO #
PACCAR site	1353-001
REMARKS Project Specific RLs - Yes / No	INVOICE TO ap@farallonconsulting.com

TURNAROUND TIME
☐ Standard Turnaround
☐ RUSH _____
Rush charges authorized by: _____

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Archive Samples
☐ Other _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
FB-S4-2.5	69	5-20-22	0845	soil	1						/						Standard TAT
FB-S4-5.0	70		0846								/						
FB-S4-7.0	71		0847														
FB-S4-9.0	72		0848														
FB-S5-2.5	73		0856								/						
FB-S5-5.0	74		0857								/						
FB-S5-7.0	75		0858														
FB-S5-9.0	76		0859														
FB-S6-2.5	77		0905								/						
FB-S6-5.0	78	↓	0906	↓	↓						/						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: Mpham	My Linh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365

SAMPLE CHAIN OF CUSTODY

05.20.22

A05

Page # 9 of 13

Report To Stuart Brown
Company Farallon Consulting
Address 975 5th Ave NW,
City, State, ZIP Issaquah, WA 98027
Phone Email sbrown@farallonconsulting.com

SAMPLERS (signature) Courtney Vanstolk

PROJECT NAME: PACCAR site
PO #: 1353-001

REMARKS
Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
☐ Standard Turnaround
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Archive Samples
☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
						ANALYSES REQUESTED											
FB-56-7.5	79	5-20-22	0907	Soil	1												
FB-56-9.5	80		0908														
FB-57-2.5	81		0924								\						Standard TAT
FB-57-5.0	82		0925								\						
FB-57-7.5	83		0926														
FB-57-10.0	84		0927														
FB-58-2.5	85		0932								\						
FB-58-5.0	86		0933								\						
FB-58-7.5	87		0934														
FB-59-2.5	88	↓	0951	↓	↓						\						

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MyLinh Pham	MyLinh Pham	FBI	5/21/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365

SAMPLE CHAIN OF CUSTODY

05.20.22

A05

Page # 10 of 13

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW,

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroun@farallonconsulting.com

SAMPLERS (*signature*) Courtney vanStolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS

Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH _____
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
FB-59-5.0	89	5-20-22	0952	soil	1						/	Standard TAT
FB-59-6.5	90		0953									
FB-60-2.5	91		1002								/	
FB-60-5.0	92		1003								/	
FB-60-7.5	93		1004									
FB-60-9.5	94		1005									
FB-61-2.5	95		1032								/	48hr TAT
FB-61-5.0	96		1033								/	
FB-61-7.5	97		1034									
FB-61-9.5	98	↓	1035	↓	↓							

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney vanStolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: mpham	MyLinh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

SAMPLE CHAIN OF CUSTODY

205365 — 05-20-22 — A05

Page # 11 of 13

Report To Stuart Brown
Company Farallon Consulting
Address 975 5th Ave NW
City, State, ZIP Issaquah, WA 98027
Phone ____ Email sbrown@farallonconsulting.com

SAMPLERS (signature) Courtney Vanstolk

PROJECT NAME: PACCAR site
PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH ____
- Rush charges authorized by: ____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other ____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
FB-62-1.5	99	5-20-22	1041	soil	1	/					/	48hr TAT
FB-63-2.5	100		1055			/					/	
FB-63-5.0	101		1056								/	
FB-63-7.5	102		1057									
FB-63-10.0	103		1058									
FB-64-2.5	104		1103								/	
FB-64-5.0	105		1109								/	
FB-64-6.5	106		1110									
FB-64-8.0	107		1111									
FB-65-2.5	108		1121								/	Standard TAT

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MyHPham	My Huk Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

205365

SAMPLE CHAIN OF CUSTODY

05-20-22

A05

Page # 12 of 13

Report To Stuart Brown

Company Farallon Consulting

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA 98027

Phone _____ Email sbroum@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site

PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH _____
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other _____

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
FB-65-5.0	109	5-20-22	1122	Soil	1						/	Standard TAT
FB-65-7.5	110		1123									
FB-65-10.0	111		1124									
FB-66-2.5	112		1210								/	48hr TAT
FB-66-5.0	113		1211								/	
FB-66-7.0	114		1212									
FB-66-9.0	115		1213									
FB-67-2.5	116		1219			/					/	
FB-67-5.0	117		1220								/	
FB-67-7.0	118	↓	1221	↓	↓							

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MyHPham	MyHPham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

SAMPLE CHAIN OF CUSTODY

205365 — 05.20.22 — A05

Page # 13 of 13

Report To Stuart Broum
Company Farallon Consulting
Address 975 5th Ave NW,
City, State, ZIP Issaquah, WA 98027
Phone _____ Email sbroum@farallonconsulting.com

SAMPLERS (*signature*) Courtney Vanstolk

PROJECT NAME: PACCAR site
PO #: 1353-001

REMARKS: Project Specific RLs - Yes / No

INVOICE TO: ap@farallonconsulting.com

TURNAROUND TIME
- ☐ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
FB-67-8.5	119	5-20-22	1222	soil	1							
FB-68-2.5	120		1235								/	Standard TAT
FB-68-5.0	121		1236								/	
FB-68-7.5	122		1237									
FB-68-10.0	123		1238									
FB-69-2.5	124		1248								/	
FB-69-5.0	125		1249								/	
FB-69-7.5	126		1250									
FB-69-10.0	127		1251									

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Courtney Vanstolk	Courtney van Stolk	Farallon	5-20-22	1515
Received by: MyHPham	My Huh Pham	FBI	5/20/22	3:15
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 25, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 22, 2022 from the Paccar 1353-001, F&BI 208323 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0825R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 22, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208323 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208323 -01	TP-61-8.0
208323 -02	TP-62-3.0
208323 -03	TP-63-8.0
208323 -04	TP-64-6.0
208323 -05	TP-65-7.5
208323 -06	A2-B3-4.0
208323 -07	A2-Structure1-7.5

All quality control requirements were acceptable.

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323
Date Extracted: 08/23/22
Date Analyzed: 08/23/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-61-8.0 208323-01	<50	<250	95
TP-62-3.0 208323-02	45,000 x	28,000	110
TP-63-8.0 208323-03	<50	<250	96
TP-64-6.0 208323-04	1,100 x	1,100	93
TP-65-7.5 208323-05 1/10	45,000 x	44,000	ip
A2-B3-4.0 208323-06	<50	<250	98
A2-Structure1-7.5 208323-07	600 x	1,400	98
Method Blank 02-2018 MB2	<50	<250	104

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-61-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-01 1/5
Date Analyzed:	08/23/22	Data File:	082309.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	75	14	115
Phenol-d6	85	29	121
Nitrobenzene-d5	88	16	137
2-Fluorobiphenyl	91	46	122
2,4,6-Tribromophenol	79	17	154
Terphenyl-d14	99	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-62-3.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-02 1/250
Date Analyzed:	08/23/22	Data File:	082311.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	57 d	14	115
Phenol-d6	90 d	29	121
Nitrobenzene-d5	415 d	16	137
2-Fluorobiphenyl	90 d	46	122
2,4,6-Tribromophenol	50 d	17	154
Terphenyl-d14	130 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.5
Chrysene	1.1
Benzo(a)pyrene	<0.5
Benzo(b)fluoranthene	<0.5
Benzo(k)fluoranthene	<0.5
Indeno(1,2,3-cd)pyrene	<0.5
Dibenz(a,h)anthracene	<0.5

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-63-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-03 1/5
Date Analyzed:	08/23/22	Data File:	082308.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	77	22	119
Phenol-d6	88	38	124
Nitrobenzene-d5	85	10	198
2-Fluorobiphenyl	95	45	117
2,4,6-Tribromophenol	88	11	158
Terphenyl-d14	103	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-64-6.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-04 1/25
Date Analyzed:	08/23/22	Data File:	082310.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	64 d	22	119
Phenol-d6	72 d	38	124
Nitrobenzene-d5	90 d	10	198
2-Fluorobiphenyl	85 d	45	117
2,4,6-Tribromophenol	78 d	11	158
Terphenyl-d14	89 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.13
Chrysene	0.21
Benzo(a)pyrene	0.053
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-65-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-05 1/1000
Date Analyzed:	08/23/22	Data File:	082312.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	26 d	14	115
Phenol-d6	40 d	29	121
Nitrobenzene-d5	60 d	16	137
2-Fluorobiphenyl	80 d	46	122
2,4,6-Tribromophenol	0 d	17	154
Terphenyl-d14	100 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	6.5
Chrysene	12
Benzo(a)pyrene	3.0
Benzo(b)fluoranthene	3.0
Benzo(k)fluoranthene	<2
Indeno(1,2,3-cd)pyrene	<2
Dibenz(a,h)anthracene	<2

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	A2-B3-4.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-06 1/5
Date Analyzed:	08/23/22	Data File:	082309.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	82	22	119
Phenol-d6	85	38	124
Nitrobenzene-d5	82	10	198
2-Fluorobiphenyl	92	45	117
2,4,6-Tribromophenol	87	11	158
Terphenyl-d14	93	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.014
Chrysene	0.015
Benzo(a)pyrene	0.014
Benzo(b)fluoranthene	0.013
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	A2-Structure1-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-07 1/25
Date Analyzed:	08/23/22	Data File:	082310.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	70 d	14	115
Phenol-d6	80 d	29	121
Nitrobenzene-d5	80 d	16	137
2-Fluorobiphenyl	85 d	46	122
2,4,6-Tribromophenol	70 d	17	154
Terphenyl-d14	84 d	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	0.063
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	02-2016 mb2 1/5
Date Analyzed:	08/23/22	Data File:	082308.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	92	14	115
Phenol-d6	100	29	121
Nitrobenzene-d5	100	16	137
2-Fluorobiphenyl	106	46	122
2,4,6-Tribromophenol	91	17	154
Terphenyl-d14	112	31	167

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A2-B3-4.0	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-06 1/6
Date Analyzed:	08/23/22	Data File:	082305.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	91	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A2-Structure1-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/22/22	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	208323-07 1/6
Date Analyzed:	08/23/22	Data File:	082306.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	76	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.073
Aroclor 1260	0.049
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208323
Date Extracted:	08/23/22	Lab ID:	02-2020 mb2 1/6
Date Analyzed:	08/23/22	Data File:	082304.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	110	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208313-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	12000	59 b	131 b	73-135	76 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	74-139

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208278-02 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	0.017	95	99	50-150	4
Chrysene	mg/kg (ppm)	0.83	0.065	90	92	50-150	2
Benzo(a)pyrene	mg/kg (ppm)	0.83	0.0083	92	91 J	50-150	1
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	0.011	109	113 J	50-150	4
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	108	100 J	50-150	8
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	63	65 J	50-150	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	58	65 J	50-150	11

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	93	64-116
Chrysene	mg/kg (ppm)	0.83	94	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	93	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	93	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	96	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	93	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	94	67-131

Date of Report: 08/25/22
Date Received: 08/22/22
Project: Paccar 1353-001, F&BI 208323

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208309-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	99	98	44-107	1
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	132 ip	157 ip	38-124	17

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	112	47-158
Aroclor 1260	mg/kg (ppm)	0.25	117	69-147

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

208323

SAMPLE CHAIN OF CUSTODY

ME 8/22/22

B02

Page # _____ of _____

Report To Stuart Brown

Company Farallon

Address 975 5th Ave. NW

City, State, ZIP Issaquah, WA, 98027

Phone 425 295 0800 Email SBrown@farallonconsulting.com

SAMPLERS (signature) Max-Henry Nelson

PROJECT NAME: Pacco

PO # 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082					Notes
TP-61-8.0	01	8-22-2022	0802	soil	1	X					X						
TP-62-3.0	02	8-22-2022	0835	Soil	1	X					X						
TP-63-8.0	03	8-22-2022	0848	Soil	1	X					X						
TP-64-6.0	04	8-22-2022	0927	soil	1	X					X						
TP-65-7.5	05	8-22-2022	0934	soil	1	X					X						
AZ-B3-4.0	06	8-22-2022	1055	soil	1	X					X	X					
AZ-structure 1-7.5	07	8-22-2022	1310	soil	1	X					X	X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	8-22-2022	14:35
Received by: [signature]	[signature]	PBI	8/22/22	14:35
Relinquished by:				
Received by:				

Samples received at 4 °C

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 19, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the additional results from the testing of material submitted on August 11, 2022 from the Paccar 1353-001, F&BI 208180 project. There are 8 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0819R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 11, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208180 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208180 -01	PCB-Area2 Structure 1
208180 -02	A3-D1-NSW-2.5
208180 -03	A3-D2-B-7.5
208180 -04	A3-C3-NSWB-7.5

An 8270E internal standard failed the acceptance criteria for sample PCB-Area2 Structure 1. The sample was diluted and reanalyzed with acceptable results. Both data sets were reported.

All other quality control requirements were acceptable.

Date of Report: 08/19/22
Date Received: 08/11/22
Project: Paccar 1353-001, F&BI 208180
Date Extracted: 08/16/22
Date Analyzed: 08/16/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
PCB-Area2 Structure 1 208180-01 1/10	15,000	57,000	ip
Method Blank 02-1997 MB	<50	<250	108

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	PCB-Area2 Structure 1	Client:	Farallon Consulting, LLC
Date Received:	08/11/22	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/16/22	Lab ID:	208180-01 1/125
Date Analyzed:	08/17/22	Data File:	081633.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	54 d	39	103
Phenol-d6	66 d	48	109
Nitrobenzene-d5	82 d	23	138
2-Fluorobiphenyl	74 d	50	150
2,4,6-Tribromophenol	68 d	40	127
Terphenyl-d14	136 d	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	4.2
2-Methylnaphthalene	22
1-Methylnaphthalene	15
Acenaphthylene	<0.25
Acenaphthene	2.2
Fluorene	5.2
Phenanthrene	18
Anthracene	0.90
Fluoranthene	4.2
Pyrene	7.1
Benz(a)anthracene	1.1
Chrysene	2.0
Benzo(a)pyrene	0.65 J
Benzo(b)fluoranthene	1.3 J
Benzo(k)fluoranthene	0.32 J
Indeno(1,2,3-cd)pyrene	0.29 J
Dibenz(a,h)anthracene	<0.25 J
Benzo(g,h,i)perylene	0.34 J

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	PCB-Area2 Structure 1	Client:	Farallon Consulting, LLC
Date Received:	08/11/22	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/16/22	Lab ID:	208180-01 1/2500
Date Analyzed:	08/17/22	Data File:	081712.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	60 d	24	111
Phenol-d6	53 d	37	116
Nitrobenzene-d5	60 d	38	117
2-Fluorobiphenyl	60 d	45	117
2,4,6-Tribromophenol	27 d	11	158
Terphenyl-d14	60 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benzo(a)pyrene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/16/22	Lab ID:	02-1995 mb2 1/5
Date Analyzed:	08/16/22	Data File:	081621.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	69	39	103
Phenol-d6	82	48	109
Nitrobenzene-d5	75	23	138
2-Fluorobiphenyl	87	50	150
2,4,6-Tribromophenol	98	40	127
Terphenyl-d14	105	50	150

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Date of Report: 08/19/22
Date Received: 08/11/22
Project: Paccar 1353-001, F&BI 208180

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208222-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	104	112	63-146	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	79-144

Date of Report: 08/19/22
Date Received: 08/11/22
Project: Paccar 1353-001, F&BI 208180

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208176-04 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	75	78	50-150	4
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	80	83	50-150	4
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	79	81	50-150	2
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	82	86	50-150	5
Acenaphthene	mg/kg (ppm)	0.83	<0.01	79	82	50-150	4
Fluorene	mg/kg (ppm)	0.83	<0.01	85	89	50-150	5
Phenanthrene	mg/kg (ppm)	0.83	<0.01	83	86	50-150	4
Anthracene	mg/kg (ppm)	0.83	<0.01	82	89	50-150	8
Fluoranthene	mg/kg (ppm)	0.83	<0.01	80	85	50-150	6
Pyrene	mg/kg (ppm)	0.83	<0.01	86	89	50-150	3
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	86	87	50-150	1
Chrysene	mg/kg (ppm)	0.83	<0.01	86	87	50-150	1
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	88	91	50-150	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	89	91	50-150	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	88	91	50-150	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	68	70	50-150	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	70	74	50-150	6
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	58	62	50-150	7

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	84	61-102
2-Methylnaphthalene	mg/kg (ppm)	0.83	88	62-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	86	62-108
Acenaphthylene	mg/kg (ppm)	0.83	91	61-111
Acenaphthene	mg/kg (ppm)	0.83	87	61-110
Fluorene	mg/kg (ppm)	0.83	92	62-114
Phenanthrene	mg/kg (ppm)	0.83	90	64-112
Anthracene	mg/kg (ppm)	0.83	90	63-111
Fluoranthene	mg/kg (ppm)	0.83	91	66-115
Pyrene	mg/kg (ppm)	0.83	99	65-112
Benz(a)anthracene	mg/kg (ppm)	0.83	92	64-116
Chrysene	mg/kg (ppm)	0.83	92	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	94	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	93	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	89	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	106	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	105	67-131
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	106	67-126

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

8/11/22 BOL/ ~~VSAM~~ VSB1 Page # _____ of _____

208180 Stuart Brown
Report to (PM)

Company Furallan

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA, 98027

Phone _____ Email _____

SAMPLERS (signature) Max-Henry Nelson

PROJECT NAME: Paccar

PO #: ~~1353~~ 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Notes
						ANALYSES REQUESTED							● per SB 24h-TAT Notes ME 8/16/22
PCB-Area2 structure 1	01 A-E	8/11/22	0925	Soil	5	●					●	✓	~~Hold~~
A3-D1-NSW-2.5	02	↓	1238	Soil	1							✓	Hold
A3-D2-B-7.5	03		1243	Soil	1							✓	Hold
A3-C3-NSW B-7.5	04	↓	1353	Soil	1							✓	Hold
													√ per SB
													EJ
													8/16/22

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Furallan	08/11/22	1512
Received by: W. Madden	W. Madden	F+BI	8/11/22	1512
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 16, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 11, 2022 from the Paccar 1353-001, F&BI 208180 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0816R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 11, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208180 -01	PCB-Area2 Structure 1
208180 -02	A3-D1-NSW-2.5
208180 -03	A3-D2-B-7.5
208180 -04	A3-C3-NSWB-7.5

All quality control requirements were acceptable.

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	PCB-Area2 Structure 1	Client:	Farallon Consulting, LLC
Date Received:	08/11/22	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/12/22	Lab ID:	208180-01 1/10
Date Analyzed:	08/12/22	Data File:	081217.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	50 d	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.31
Aroclor 1260	0.38
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-D1-NSW-2.5	Client:	Farallon Consulting, LLC
Date Received:	08/11/22	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/12/22	Lab ID:	208180-02
Date Analyzed:	08/12/22	Data File:	081219.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	60	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.002
Aroclor 1232	<0.002
Aroclor 1016	<0.002
Aroclor 1242	<0.002
Aroclor 1248	<0.002
Aroclor 1254	<0.002
Aroclor 1260	<0.002
Aroclor 1262	<0.002
Aroclor 1268	<0.002

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-D2-B-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/11/22	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/12/22	Lab ID:	208180-03
Date Analyzed:	08/12/22	Data File:	081220.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	80	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.002
Aroclor 1232	<0.002
Aroclor 1016	<0.002
Aroclor 1242	<0.002
Aroclor 1248	<0.002
Aroclor 1254	<0.002
Aroclor 1260	<0.002
Aroclor 1262	<0.002
Aroclor 1268	<0.002

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-C3-NSWB-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/11/22	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/12/22	Lab ID:	208180-04
Date Analyzed:	08/12/22	Data File:	081222.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	47	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.002
Aroclor 1232	<0.002
Aroclor 1016	<0.002
Aroclor 1242	<0.002
Aroclor 1248	<0.002
Aroclor 1254	<0.002
Aroclor 1260	<0.002
Aroclor 1262	<0.002
Aroclor 1268	<0.002

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208180
Date Extracted:	08/12/22	Lab ID:	02-1983 mb2
Date Analyzed:	08/12/22	Data File:	081214.D
Matrix:	Soil	Instrument:	GC7
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	89	23	127

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.002
Aroclor 1232	<0.002
Aroclor 1016	<0.002
Aroclor 1242	<0.002
Aroclor 1248	<0.002
Aroclor 1254	<0.002
Aroclor 1260	<0.002
Aroclor 1262	<0.002
Aroclor 1268	<0.002

Date of Report: 08/16/22
Date Received: 08/11/22
Project: Paccar 1353-001, F&BI 208180

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208155-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	64	62	29-125	3
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	55	52	25-137	6

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	120	55-137
Aroclor 1260	mg/kg (ppm)	0.25	126	51-150

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

8/11/22 BOL/ ~~VSAM~~ VSB1 Page # _____ of _____

208180 Stuart Brown
Report To

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah, WA, 98027

Phone _____ Email _____

SAMPLERS (*signature*) Max-Henry Nelson

PROJECT NAME: Paccar

PO #: ~~[illegible]~~ 1353-001

REMARKS

Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
PCB-Area 2 structure 1	01 A-E	8/11/22	0925	Soil	5							✓					~~Hold~~
A3-D1-NSW-2.5	02	↓	1238	Soil	1							✓					~~Hold~~
A3-D2-B-7.5	03		1243	Soil	1							✓					~~Hold~~
A3-C3-NSW B-7.5	04	↓	1353	Soil	1							✓					~~Hold~~
																	√-pcb SB
																	8/12

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	08/11/22	1512
Received by: W. Madden	W. Madden	F+BI	8/11/22	1512
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 19, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 12, 2022 from the Paccar 1353-001, F&BI 208202 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0819R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 12, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208202 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208202 -01	A2-Concrete-01
208202 -02	A2-Concrete-02
208202 -03	A2-Concrete-03
208202 -04	A3-Brick-01
208202 -05	A3-Brick-02
208202 -06	A3-Brick-03
208202 -07	A3-Concrete-01
208202 -08	A3-Concrete-02
208202 -09	A3-Concrete-03

All quality control requirements were acceptable.

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A2-Concrete-01	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-01 1/6
Date Analyzed:	08/15/22	Data File:	081506.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.26
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A2-Concrete-02	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-02 1/6
Date Analyzed:	08/15/22	Data File:	081507.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.023
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A2-Concrete-03	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-03 1/6
Date Analyzed:	08/15/22	Data File:	081508.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	69	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.11
Aroclor 1260	0.090
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Brick-01	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-04 1/6
Date Analyzed:	08/15/22	Data File:	081509.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	69	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	26 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Brick-01	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-04 1/1200
Date Analyzed:	08/16/22	Data File:	081613.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	0 d	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	36

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Brick-02	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-05 1/6
Date Analyzed:	08/15/22	Data File:	081510.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	67	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	37 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Brick-02	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-05 1/1200
Date Analyzed:	08/16/22	Data File:	081614.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	0 d	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	56

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Brick-03	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-06 1/6
Date Analyzed:	08/15/22	Data File:	081511.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	56	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	32 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Brick-03	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-06 1/1200
Date Analyzed:	08/16/22	Data File:	081615.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	0 d	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	64

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Concrete-01	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-07 1/6
Date Analyzed:	08/15/22	Data File:	081515.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	68	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	6.3 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Concrete-01	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-07 1/300
Date Analyzed:	08/17/22	Data File:	081731.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	700 d	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	9.0

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Concrete-02	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-08 1/6
Date Analyzed:	08/15/22	Data File:	081516.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.79
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Concrete-03	Client:	Farallon Consulting, LLC
Date Received:	08/12/22	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	208202-09 1/6
Date Analyzed:	08/15/22	Data File:	081517.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	87	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.35
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208202
Date Extracted:	08/15/22	Lab ID:	02-1994 mb 1/6
Date Analyzed:	08/15/22	Data File:	081504.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	89	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/19/22
Date Received: 08/12/22
Project: Paccar 1353-001, F&BI 208202

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208202-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	70	74	44-107	6
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	113	119	38-124	5

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	108	47-158
Aroclor 1260	mg/kg (ppm)	0.25	123	69-147

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

8/12/22

1303 Page # _____ of _____

208202 Stuart Brown
Report to

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA, 98027

Phone ~~425 295 0800~~ Email SBrown@Farallonconsulting.com

SAMPLERS (*signature*)

PROJECT NAME	PO #
Paccar	1353-001
REMARKS	INVOICE TO
Project specific RLs? - Yes / No	AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
A2-Concrete-01	01	8/12/22	0955	Soil	1							X					
A2-Concrete-02	02	8/12/22	1048	Soil	1							X					
A2-Concrete-03	03	8/12/22	1111	Soil	1							X					
A3-Brick-01	04	8/12/22	1234	Soil	1							X					
A3-Brick-02	05	8/12/22	1250	Soil	1							X					
A3-Brick-03	06	8/12/22	1255	Soil	1							X					
A3-Concrete-01	07	8/12/22	1305	Soil	1							X					
A3-Concrete-02	08	8/12/22	1315	Soil	1							X					
A3-Concrete-03	09	8/12/22	1325	Soil	1							X					

Friedman & Bruya, Inc.
Ph. (206) 285-8282

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nilsan	Max-Henry Nilsan	Farallon	8/12/22	1535
Received by: W. Madden	W. Madden	F+BI	8/12/22	1535
Relinquished by:				
Received by:		Samples received at 0 °C		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 18, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 15, 2022 from the Paccar 1353-001, F&BI 208222 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0818R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 15, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208222 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208222 -01	A3-E2-ESW-10.0
208222 -02	A3-Wipe-02
208222 -03	SP-03-01
208222 -04	SP-03-02
208222 -05	SP-03-03

All quality control requirements were acceptable.

Date of Report: 08/18/22
Date Received: 08/15/22
Project: Paccar 1353-001, F&BI 208222
Date Extracted: 08/16/22
Date Analyzed: 08/16/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
SP-03-01 208222-03	<50	<250	102
SP-03-02 208222-04	<50	<250	98
SP-03-03 208222-05	<50	<250	97
Method Blank 02-1997 MB	<50	<250	108

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-03-01	Client:	Farallon Consulting, LLC
Date Received:	08/15/22	Project:	Paccar 1353-001, F&BI 208222
Date Extracted:	08/16/22	Lab ID:	208222-03 1/5
Date Analyzed:	08/16/22	Data File:	081630.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	52	39	103
Phenol-d6	65	48	109
Nitrobenzene-d5	59	23	138
2-Fluorobiphenyl	70	50	150
2,4,6-Tribromophenol	81	40	127
Terphenyl-d14	85	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-03-02	Client:	Farallon Consulting, LLC
Date Received:	08/15/22	Project:	Paccar 1353-001, F&BI 208222
Date Extracted:	08/16/22	Lab ID:	208222-04 1/25
Date Analyzed:	08/17/22	Data File:	081631.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	60 d	39	103
Phenol-d6	73 d	48	109
Nitrobenzene-d5	66 d	23	138
2-Fluorobiphenyl	79 d	50	150
2,4,6-Tribromophenol	78 d	40	127
Terphenyl-d14	86 d	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	SP-03-03	Client:	Farallon Consulting, LLC
Date Received:	08/15/22	Project:	Paccar 1353-001, F&BI 208222
Date Extracted:	08/16/22	Lab ID:	208222-05 1/5
Date Analyzed:	08/17/22	Data File:	081632.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	44	39	103
Phenol-d6	54	48	109
Nitrobenzene-d5	47	23	138
2-Fluorobiphenyl	58	50	150
2,4,6-Tribromophenol	80	40	127
Terphenyl-d14	81	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208222
Date Extracted:	08/16/22	Lab ID:	02-1995 mb2 1/5
Date Analyzed:	08/16/22	Data File:	081621.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	69	39	103
Phenol-d6	82	48	109
Nitrobenzene-d5	75	23	138
2-Fluorobiphenyl	87	50	150
2,4,6-Tribromophenol	98	40	127
Terphenyl-d14	105	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-Wipe-02	Client:	Farallon Consulting, LLC
Date Received:	08/15/22	Project:	Paccar 1353-001, F&BI 208222
Date Extracted:	08/16/22	Lab ID:	208222-02
Date Analyzed:	08/16/22	Data File:	081608.D
Matrix:	Wipe	Instrument:	GC9
Units:	ug/wipe	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	104	23	120

Compounds:	Concentration ug/wipe
Aroclor 1221	<5
Aroclor 1232	<5
Aroclor 1016	<5
Aroclor 1242	<5
Aroclor 1248	<5
Aroclor 1254	<5
Aroclor 1260	<5
Aroclor 1262	<5
Aroclor 1268	<5

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208222
Date Extracted:	08/16/22	Lab ID:	02-1998 mb
Date Analyzed:	08/16/22	Data File:	081604.D
Matrix:	Wipe	Instrument:	GC9
Units:	ug/wipe	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	112	23	120

Compounds:	Concentration ug/wipe
Aroclor 1221	<5
Aroclor 1232	<5
Aroclor 1016	<5
Aroclor 1242	<5
Aroclor 1248	<5
Aroclor 1254	<5
Aroclor 1260	<5
Aroclor 1262	<5
Aroclor 1268	<5

Date of Report: 08/18/22
Date Received: 08/15/22
Project: Paccar 1353-001, F&BI 208222

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208222-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	104	112	63-146	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	79-144

Date of Report: 08/18/22
Date Received: 08/15/22
Project: Paccar 1353-001, F&BI 208222

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208176-04 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	86	87	50-150	1
Chrysene	mg/kg (ppm)	0.83	<0.01	86	87	50-150	1
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	88	91	50-150	3
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	89	91	50-150	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	88	91	50-150	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	68	70	50-150	3
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	70	74	50-150	6

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	92	64-116
Chrysene	mg/kg (ppm)	0.83	92	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	94	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	93	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	89	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	106	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	105	67-131

Date of Report: 08/18/22
Date Received: 08/15/22
Project: Paccar 1353-001, F&BI 208222

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WIPE SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	ug/wipe	10	115	115	70-130	0
Aroclor 1260	ug/wipe	10	110	113	70-130	3

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

8/15/22

Page # _____ of B03

208222 Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA

Phone (425) 295-0800 Email sbrown@farallonconsulting.com

SAMPLERS (*signature*) Max-Henry Nilsen

PROJECT NAME: Puccar

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24hr
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
A3-EZ-ESV-10.0	01	8/15/22	0928	Soil	1												Hold
A3-wipe-02	02	↓	1338	wipe	1							X					
SP-03-01	03		1435	Soil	1	X					X						CPAH's
SP-03-02	04		1445	Soil	1	X					X						CPAH's
SP-03-03	05	↓	1449	Soil	1	X					X						CPAH's

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nilsen	Max-Henry Nilsen	Farallon	8/15/22	
Received by: W. Madden	W. Madden	F+BI	8/15/22	1612
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 24, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 19, 2022 from the Paccar 1353-001, F&BI 208309 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0824R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 19, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208309 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208309 -01	A3-H2-B-8.0
208309 -02	A3-I1-ESW-5.5
208309 -03	A3-I2-ESW-5.5
208309 -04	A3-I3-ESW-5.0
208309 -05	A3-E5-SSW-5.0
208309 -06	A3-F5-SSW-5.0
208309 -07	A3-G5-SSW-7.5
208309 -08	A3-H5-SSW-7.5
208309 -09	A3-I4-ESW-5.0

All quality control requirements were acceptable.

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-H2-B-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-01 1/6
Date Analyzed:	08/22/22	Data File:	082206.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	81	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.56
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-I1-ESW-5.5	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-02 1/6
Date Analyzed:	08/22/22	Data File:	082207.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-I2-ESW-5.5	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-03 1/6
Date Analyzed:	08/22/22	Data File:	082208.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	86	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.68
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-I3-ESW-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-04 1/6
Date Analyzed:	08/22/22	Data File:	082209.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	89	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.067
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-E5-SSW-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-05 1/6
Date Analyzed:	08/22/22	Data File:	082213.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.17
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-F5-SSW-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-06 1/6
Date Analyzed:	08/22/22	Data File:	082214.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	85	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.064
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-G5-SSW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-07 1/6
Date Analyzed:	08/22/22	Data File:	082215.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-H5-SSW-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-08 1/6
Date Analyzed:	08/22/22	Data File:	082216.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	78	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-I4-ESW-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/19/22	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	208309-09 1/6
Date Analyzed:	08/22/22	Data File:	082217.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	91	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.057
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208309
Date Extracted:	08/22/22	Lab ID:	02-2020 mb 1/6
Date Analyzed:	08/22/22	Data File:	082204.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	96	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/24/22
Date Received: 08/19/22
Project: Paccar 1353-001, F&BI 208309

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208309-01 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	99	98	44-107	1
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	132 ip	157 ip	38-124	17 b

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	112	47-158
Aroclor 1260	mg/kg (ppm)	0.25	117	69-147

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

208309

SAMPLE CHAIN OF CUSTODY ME 8/19/22 B04

Page # _____ of _____

Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA

Phone (425)295-0800 Email Sbrowne@farallonconsulting.com

SAMPLERS (signature) Max-Henry Nilsen

PROJECT NAME: Pallar

PO #: 1353-001

REMARKS: Project specific RLs? - Yes / No

INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
A3-H2-B-8.0	01	8-19-22	0735	soil	1							X					
A3-I1-ESW-5.5	02		0744									X					
A3-I2-ESW-5.5	03		0825									X					
A3-I3-ESW-5.0	04		0850									X					
A3-E5-SSW-5.0	05		0913									X					
A3-F5-SSW-5.0	06		0917									X					
A3-G5-SSW-7.5	07		1106									X					
A3-H5-SSW-7.5	08		1351									X					
A3-I4-ESW-5.0	09		1403									X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nilsen	Max-Henry Nilsen	Farallon	8-19-22	1445
Received by:	Nhut Truong	FBI	8/19/22	1531
Relinquished by:				
Received by:		~~Samples received at~~ 4 °C		

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

August 30, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 24, 2022 from the Paccar 1353-001, F&BI 208369 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0830R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 24, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Paccar 1353-001, F&BI 208369 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208369 -01	A3-H2-10.0
208369 -02	A3-I2-ESW2-5.0
208369 -03	A3-I2-ESW2-7.5
208369 -04	TP-66-2.0
208369 -05	TP-67-8.0

An 8270E internal standard failed the acceptance criteria for sample TP-66-2.0. The sample was diluted and reanalyzed with acceptable results. Both data sets were reported.

The 8270E matrix spike and matrix spike duplicate failed the relative percent difference for several compounds. The laboratory control sample passed the acceptance criteria, therefore the results were acceptable.

Aroclor 1016 in the 8082A matrix spike duplicate exceeded the acceptance criteria. The laboratory control sample passed the acceptance criteria, therefore the results were due to matrix effect.

All other quality control requirements were acceptable.

Date of Report: 08/30/22
Date Received: 08/24/22
Project: Paccar 1353-001, F&BI 208369
Date Extracted: 08/25/22
Date Analyzed: 08/25/22

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP-66-2.0 208369-04	19,000 x	22,000	102
TP-67-8.0 208369-05	8,200	590 x	102
Method Blank 02-2038 MB	<50	<250	96

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-66-2.0	Client:	Farallon Consulting, LLC
Date Received:	08/24/22	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	208369-04 1/25
Date Analyzed:	08/25/22	Data File:	082514.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	248 d	16	137
2-Fluorobiphenyl	82 d	46	122
2,4,6-Tribromophenol	80 d	17	154
Terphenyl-d14	233 d J	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	1.2
2-Methylnaphthalene	0.15
1-Methylnaphthalene	0.17
Acenaphthylene	<0.05
Acenaphthene	0.063
Fluorene	0.11
Phenanthrene	0.63
Anthracene	<0.05
Fluoranthene	0.32
Pyrene	2.3 J
Benz(a)anthracene	0.089 J
Chrysene	0.57 J
Benzo(a)pyrene	0.062 J
Benzo(b)fluoranthene	<0.05 J
Benzo(k)fluoranthene	<0.05 J
Indeno(1,2,3-cd)pyrene	0.17 J
Dibenz(a,h)anthracene	<0.05 J
Benzo(g,h,i)perylene	0.17 J

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-66-2.0	Client:	Farallon Consulting, LLC
Date Received:	08/24/22	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	208369-04 1/250
Date Analyzed:	08/25/22	Data File:	082512.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	235 d	16	137
2-Fluorobiphenyl	80 d	46	122
2,4,6-Tribromophenol	60 d	17	154
Terphenyl-d14	115 d	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	1.2
2-Methylnaphthalene	<0.5
1-Methylnaphthalene	<0.5
Acenaphthylene	<0.5
Acenaphthene	<0.5
Fluorene	<0.5
Phenanthrene	0.64
Anthracene	<0.5
Fluoranthene	0.58
Pyrene	0.96
Benz(a)anthracene	<0.5
Chrysene	0.54
Benzo(a)pyrene	<0.5
Benzo(b)fluoranthene	<0.5
Benzo(k)fluoranthene	<0.5
Indeno(1,2,3-cd)pyrene	<0.5
Dibenz(a,h)anthracene	<0.5
Benzo(g,h,i)perylene	<0.5

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP-67-8.0	Client:	Farallon Consulting, LLC
Date Received:	08/24/22	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	208369-05 1/5
Date Analyzed:	08/25/22	Data File:	082511.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	90	16	137
2-Fluorobiphenyl	92	46	122
2,4,6-Tribromophenol	88	17	154
Terphenyl-d14	95	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	02-2034 mb 1/5
Date Analyzed:	08/25/22	Data File:	082510.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Nitrobenzene-d5	97	16	137
2-Fluorobiphenyl	105	46	122
2,4,6-Tribromophenol	92	17	154
Terphenyl-d14	110	31	167

Compounds:	Concentration mg/kg (ppm)
Naphthalene	<0.01
2-Methylnaphthalene	<0.01
1-Methylnaphthalene	<0.01
Acenaphthylene	<0.01
Acenaphthene	<0.01
Fluorene	<0.01
Phenanthrene	<0.01
Anthracene	<0.01
Fluoranthene	<0.01
Pyrene	<0.01
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01
Benzo(g,h,i)perylene	<0.01

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-H2-10.0	Client:	Farallon Consulting, LLC
Date Received:	08/24/22	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	208369-01 1/6
Date Analyzed:	08/25/22	Data File:	082526.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	68	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.35
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-I2-ESW2-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/24/22	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	208369-02 1/6
Date Analyzed:	08/25/22	Data File:	082527.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	72	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	1.4 ve
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-I2-ESW2-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/24/22	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	208369-02 1/60
Date Analyzed:	08/26/22	Data File:	082605.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75 d	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1254	1.8

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-I2-ESW2-7.5	Client:	Farallon Consulting, LLC
Date Received:	08/24/22	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	208369-03 1/6
Date Analyzed:	08/25/22	Data File:	082528.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	60	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.039
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	Paccar 1353-001, F&BI 208369
Date Extracted:	08/25/22	Lab ID:	02-2028 mb2 1/6
Date Analyzed:	08/25/22	Data File:	082524.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	98	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 08/30/22
Date Received: 08/24/22
Project: Paccar 1353-001, F&BI 208369

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 208369-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	5,800	3 b	24 b	73-135	156 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	74-139

Date of Report: 08/30/22
Date Received: 08/24/22
Project: Paccar 1353-001, F&BI 208369

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 208369-05 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	mg/kg (ppm)	0.83	<0.01	82	77	50-150	6
2-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	81	78	50-150	4
1-Methylnaphthalene	mg/kg (ppm)	0.83	<0.01	81	78	50-150	4
Acenaphthylene	mg/kg (ppm)	0.83	<0.01	86	81	50-150	6
Acenaphthene	mg/kg (ppm)	0.83	<0.01	80	76	50-150	5
Fluorene	mg/kg (ppm)	0.83	<0.01	83	79	50-150	5
Phenanthrene	mg/kg (ppm)	0.83	<0.01	86	81	10-170	6
Anthracene	mg/kg (ppm)	0.83	<0.01	87	81	50-150	7
Fluoranthene	mg/kg (ppm)	0.83	<0.01	86	79	10-203	8
Pyrene	mg/kg (ppm)	0.83	<0.01	93	83	10-208	11
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	90	86	37-146	5
Chrysene	mg/kg (ppm)	0.83	<0.01	89	84	36-144	6
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	92	88	40-150	4
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	92	93	45-157	1
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	91	96	50-150	5
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	83	55	24-145	41 vo
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	82	54	31-137	41 vo
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	<0.01	77	48	14-141	46 vo

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	mg/kg (ppm)	0.83	83	61-102
2-Methylnaphthalene	mg/kg (ppm)	0.83	81	62-108
1-Methylnaphthalene	mg/kg (ppm)	0.83	81	62-108
Acenaphthylene	mg/kg (ppm)	0.83	93	61-111
Acenaphthene	mg/kg (ppm)	0.83	87	61-110
Fluorene	mg/kg (ppm)	0.83	91	62-114
Phenanthrene	mg/kg (ppm)	0.83	97	64-112
Anthracene	mg/kg (ppm)	0.83	98	63-111
Fluoranthene	mg/kg (ppm)	0.83	99	66-115
Pyrene	mg/kg (ppm)	0.83	105	65-112
Benz(a)anthracene	mg/kg (ppm)	0.83	98	64-116
Chrysene	mg/kg (ppm)	0.83	97	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	97	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	99	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	101	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	101	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	102	67-131
Benzo(g,h,i)perylene	mg/kg (ppm)	0.83	101	67-126

Date of Report: 08/30/22
Date Received: 08/24/22
Project: Paccar 1353-001, F&BI 208369

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208321-02 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	98	120 vo	44-107	20
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	97	115	38-124	17

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	124	47-158
Aroclor 1260	mg/kg (ppm)	0.25	120	69-147

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

8/24/22 C01

Page # _____ of _____

208369 Report To Stuart Brown

Company Farallon

Address 975 5th Ave NW

City, State, ZIP Issaquah WA 98027

Phone _____ Email Sbrown@farallonconsulting.com

SAMPLERS (*signature*)	
PROJECT NAME: Paccar	PO #: 1353-001
REMARKS: Project specific RLs? - Yes / No	INVOICE TO: AP

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other _____
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
A3-H2-10.0	01	8-24-2022	1023	Soil	1							X					
A3-I2-ESW2-5.0	02	8-24-2022	1038	Soil	1							X					
A3-I2-ESW2-7.5	03	8-24-2022	1040	Soil	1							X					
TP-66-2.0	04	8-24-2022	1322	Soil	1	X					X						
TP-67-8.0	05	8-24-2022	1326	Soil	1	X					X						

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Max-Henry Nelson	Max-Henry Nelson	Farallon	8-24-22	1455
Received by: W. Madden	W. Madden	F+BI	8/24/22	1455
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

September 1, 2022

Stuart Brown, Project Manager
Farallon Consulting, LLC
975 5th Avenue Northwest
Issaquah, WA 98027

Dear Mr Brown:

Included are the results from the testing of material submitted on August 30, 2022 from the PACCAR 1353-001, F&BI 208459 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Farallon Data
FLN0901R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 30, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC PACCAR 1353-001, F&BI 208459 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Farallon Consulting, LLC
208459 -01	A3-J2-NSW-5.0
208459 -02	A3-J2-ESW-5.0
208459 -03	A3-J2-SSW-5.0

All quality control requirements were acceptable.

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-J2-NSW-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/30/22	Project:	PACCAR 1353-001, F&BI 208459
Date Extracted:	08/30/22	Lab ID:	208459-01 1/6
Date Analyzed:	08/30/22	Data File:	083021.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	75	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-J2-ESW-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/30/22	Project:	PACCAR 1353-001, F&BI 208459
Date Extracted:	08/30/22	Lab ID:	208459-02 1/6
Date Analyzed:	08/30/22	Data File:	083022.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	74	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	A3-J2-SSW-5.0	Client:	Farallon Consulting, LLC
Date Received:	08/30/22	Project:	PACCAR 1353-001, F&BI 208459
Date Extracted:	08/30/22	Lab ID:	208459-03 1/6
Date Analyzed:	08/30/22	Data File:	083023.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	82	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	0.14
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project:	PACCAR 1353-001, F&BI 208459
Date Extracted:	08/30/22	Lab ID:	02-2049 mb2 1/6
Date Analyzed:	08/30/22	Data File:	083011.D
Matrix:	Soil	Instrument:	GC9
Units:	mg/kg (ppm) Dry Weight	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
TCMX	83	23	120

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<0.02
Aroclor 1232	<0.02
Aroclor 1016	<0.02
Aroclor 1242	<0.02
Aroclor 1248	<0.02
Aroclor 1254	<0.02
Aroclor 1260	<0.02
Aroclor 1262	<0.02
Aroclor 1268	<0.02

Date of Report: 09/01/22
Date Received: 08/30/22
Project: PACCAR 1353-001, F&BI 208459

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082A

Laboratory Code: 208419-10 1/6 (Matrix Spike) 1/6

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Control Limits	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.25	<0.02	84	77	44-107	9
Aroclor 1260	mg/kg (ppm)	0.25	<0.02	76	70	38-124	8

Laboratory Code: Laboratory Control Sample 1/6

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Aroclor 1016	mg/kg (ppm)	0.25	98	47-158
Aroclor 1260	mg/kg (ppm)	0.25	96	69-147

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

208459

SAMPLE CHAIN OF CUSTODY

8/30/22 G01

Page # 1 of 1

Report To Stuart Brown & Pete Kingston

Company Farallon

Address On File

City, State, ZIP

Phone Email

SAMPLERS (*signature*) Gmi Smith	
PROJECT NAME PACCAR	PO # 1353-001
REMARKS Project specific RLs? - Yes / No	INVOICE TO

TURNAROUND TIME
- ☐ Standard turnaround
- ☒ RUSH 24 hrs
- Rush charges authorized by: Stuart Brown

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
A3-J2-NSW-5.0	01	8/30/22	917	S	1							X					
A3-J2-ESW-5.0	02	1	922	1	1							X					
A3-J2-SSW-5.0	03	1	924	1	1							X					

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Gmi Smith	Emi Smith	Farallon	8/30/22	1021
Received by: [signature]	Nhan Phan	FEBI	8/30/22	1021
Relinquished by:		Samples received at 25 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

APPENDIX C
WASTE DISPOSAL DOCUMENTATION

CLEANUP COMPLETION REPORT
PACCAR Site
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

WASTE MANAGEMENT

EZ Profile™

Requested Facility: Columbia Ridge Landfill,Alaska Street Transfer Station ❑ Unsure Profile Number: 137937OR

❑ Multiple Generator Locations (Attach Locations) ❑ Request Certificate of Disposal ❑ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Centerpoint 8801 Marginal LLC
2. Generator Site Address: 8801 East Marginal Way South
   (City, State, ZIP) Tukwila WA 98108
3. County: King
4. Contact Name: John Lass
5. Email: jlass@centerpoint.com
6. Phone: (847) 710-0898 7. Fax: _____
8. Generator EPA ID: _____ ☑ N/A
9. State ID: _____ ☑ N/A

B. BILLING INFORMATION ❑ SAME AS GENERATOR

1. Billing Name: Hos Bros. Construction, Inc.
2. Billing Address: P.O. Box 1788
   (City, State, ZIP) Woodinville WA 98072
3. Contact Name: David Martin
4. Email: davem@hosbros.com
5. Phone: (425) 864-5516 6. Fax: _____
7. WM Hauled? ❑ Yes ☑ No
8. P.O. Number: 1973
9. Payment Method: ☑ Credit Account ❑ Cash ❑ Credit Card

C. MATERIAL INFORMATION

1. Common Name: PCB Dirt
   Describe Process(es) Generating Material: ☑ See Attached

   Test results have indicated several areas on our Centerpoint Tukwila project that have PCB's present. Once profiled and approved, we will excavate and haul this dirt one of your facilities. For this profile please focus on Areas 2 & 3 for

2. Material Composition and Contaminants: ❑ See Attached

1. Dirt	100 %
2.	
3.	
4.	
Total comp. must be equal to or greater than 100%	≥100%

3. State Waste Codes: _____ ❑ N/A
4. Color: Various
5. Physical State at 70˚F: ☑ Solid ❑ Liquid ❑ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☑ N/A
7. pH: 5 to 9 ❑ N/A
8. Strong Odor: ❑ Yes ☑ No Describe: _____
9. Flash Point: ❑ <140˚F ❑ 140˚–199˚F ☑ ≥200˚ ❑ N/A

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ❑ Yes* ☑ No
   Code: _____
2. State Hazardous Waste? ❑ Yes ☑ No
   Code: _____
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ❑ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ❑ Yes* ☑ No
5. From an industry regulated under Benzene NESHAP? ❑ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ❑ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ❑ Yes* ☑ No
8. NRC or State-regulated radioactive or NORM waste? ❑ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☑ Yes ❑ No
   a. Regulated by 40 CFR 761? ❑ Yes ☑ No
   b. Remediation under 40 CFR 761.61 (a)? ❑ Yes ☑ No
   c. Were PCB imported into the US? ❑ Yes ☑ No
10. Regulated and/or Untreated Medical/Infectious Waste? ❑ Yes ☑ No
11. Contains Asbestos? ❑ Yes ☑ No
    → If Yes: ❑ Non-Friable ❑ Non-Friable – Regulated ❑ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☑ Yes
   Please identify applicable samples and/or lab reports:

   Please focus on samples related to Areas 2 & 3 for PCB's <50 PPM.

2. Other information attached (such as MSDS)? ❑ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ❑ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 500
   ❑ Tons ☑ Yards ❑ Drums ❑ Gallons ❑ Other: _____
3. Container Type and Size: Truck & Trailer
4. USDOT Proper Shipping Name: ☑ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

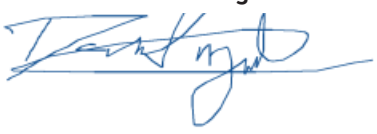
☑ I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): martin david Date: 06/15/2022

Title: Senior PM

Company: hos bros. construction, inc.

Certification Signature



EZ Profile™ Addendum

Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: 137937OR

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

PCB's <50 PPM. The source of the PCB contamination is unknown.

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:
   b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? ❑ Yes ❑ No
   c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. ❑ Yes ❑ No
   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? ❑ Yes ❑ No
      → If Yes, please check **one** of the following:
      ❑ Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
      ❑ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.
2. State Hazardous Waste → Please list all state waste codes: _____
3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
   ❑ Delisted Hazardous Waste ❑ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
   ❑ Treated Hazardous Waste Debris ❑ Treated Characteristic Hazardous Waste → If checked, complete question 4.
4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:
5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.
   a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. ❑ Yes ❑ No
   b. Does this material contain benzene? ❑ Yes ❑ No
      1. If yes, what is the flow weighted average concentration? _____ ppmw
   c. What is your facility's current total annual benzene quantity in Megagrams? ❑ <1 Mg ❑ 1–9.99 Mg ❑ ≥10 Mg
   d. Is this waste soil from a remediation? ❑ Yes ❑ No
      1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
   e. Does the waste contain >10% water/moisture? ❑ Yes ❑ No
   f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? ❑ Yes ❑ No
   g. Is material exempt from controls in accordance with 40 CFR 61.342? ❑ Yes ❑ No
      → If yes, specify exemption: _____
   h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? ❑ Yes ❑ No
6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? ❑ Yes ❑ No
7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

WASTE MANAGEMENT

EZ Profile™

Requested Facility: Chemical Waste Management (Hazardous Waste Facility) ❑ Unsure Profile Number: OR350882
❑ Multiple Generator Locations (Attach Locations) ❑ Request Certificate of Disposal ❑ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Centerpoint 8801 Marginal LLC
2. Generator Site Address: 8801 East Marginal Way South
   (City, State, ZIP) Tukwila WA 98108
3. County: King
4. Contact Name: John Lass
5. Email: jlass@centerpoint.com
6. Phone: (847) 710-0898 7. Fax: _____
8. Generator EPA ID: _____ ☑ N/A
9. State ID: _____ ☑ N/A

B. BILLING INFORMATION ❑ SAME AS GENERATOR

1. Billing Name: Hos Bros. Construction, Inc.
2. Billing Address: P.O. Box 1788
   (City, State, ZIP) Woodinville WA 98072
3. Contact Name: David Martin
4. Email: davem@hosbros.com
5. Phone: (425) 864-5516 6. Fax: _____
7. WM Hauled? ❑ Yes ☑ No
8. P.O. Number: 1973
9. Payment Method: ☑ Credit Account ❑ Cash ❑ Credit Card

C. MATERIAL INFORMATION

1. Common Name: PCB Dirt
   Describe Process(es) Generating Material: ☑ See Attached

   Test results have indicated several areas on our Centerpoint Tukwila project that have PCB's present. Once profiled and approved, we will excavate and haul this dirt one of your facilities. This profile is for Area 3 with PCB limits

2. Material Composition and Contaminants: ❑ See Attached

1. Dirt	100 %
2.	
3.	
4.	
Total comp. must be equal to or greater than 100%	≥100%

3. State Waste Codes: _____ ❑ N/A
4. Color: Various
5. Physical State at 70˚F: ☑ Solid ❑ Liquid ❑ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☑ N/A
7. pH: _____ to _____ ☑ N/A
8. Strong Odor: ❑ Yes ☑ No Describe: _____
9. Flash Point: ❑ <140˚F ❑ 140˚–199˚F ❑ ≥200˚ ☑ N/A

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ❑ Yes* ☑ No
   Code: _____
2. State Hazardous Waste? ☑ Yes ❑ No
   Code: X004
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ❑ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ❑ Yes* ☑ No
5. From an industry regulated under Benzene NESHAP? ❑ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ❑ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ❑ Yes* ☑ No
8. NRC or State-regulated radioactive or NORM waste? ❑ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☑ Yes ❑ No
   a. Regulated by 40 CFR 761? ☑ Yes ❑ No
   b. Remediation under 40 CFR 761.61 (a)? ❑ Yes ☑ No
   c. Were PCB imported into the US? ❑ Yes ☑ No
10. Regulated and/or Untreated Medical/Infectious Waste? ❑ Yes ☑ No
11. Contains Asbestos? ❑ Yes ☑ No
    → If Yes: ❑ Non-Friable ❑ Non-Friable – Regulated ❑ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☑ Yes
   Please identify applicable samples and/or lab reports:

   For this profile please focus on the analyticals in Area 3 that are >50 PPM for PCB's.

2. Other information attached (such as MSDS)? ❑ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ❑ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 500
   ❑ Tons ☑ Yards ❑ Drums ❑ Gallons ❑ Other: _____
3. Container Type and Size: Truck & Trailer
4. USDOT Proper Shipping Name: ☑ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

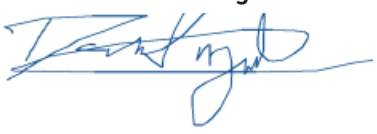
☑ I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): martin david Date: 06/14/2022

Title: Senior PM

Company: hos bros. construction, inc.

Certification Signature



EZ Profile™ Addendum

Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: OR350882

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

exceeding >50 ppm PCB's. The source of the PCB contamination is UNKNOWN.

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:
   b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? ❑ Yes ❑ No
   c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. ❑ Yes ❑ No
   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? ❑ Yes ❑ No
      → If Yes, please check **one** of the following:
      ❑ Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
      ❑ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.
2. State Hazardous Waste → Please list all state waste codes: _____
3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
   ❑ Delisted Hazardous Waste ❑ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
   ❑ Treated Hazardous Waste Debris ❑ Treated Characteristic Hazardous Waste → If checked, complete question 4.
4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:
5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.
   a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. ❑ Yes ❑ No
   b. Does this material contain benzene? ❑ Yes ❑ No
      1. If yes, what is the flow weighted average concentration? _____ ppmw
   c. What is your facility's current total annual benzene quantity in Megagrams? ❑ <1 Mg ❑ 1–9.99 Mg ❑ ≥10 Mg
   d. Is this waste soil from a remediation? ❑ Yes ❑ No
      1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
   e. Does the waste contain >10% water/moisture? ❑ Yes ❑ No
   f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? ❑ Yes ❑ No
   g. Is material exempt from controls in accordance with 40 CFR 61.342? ❑ Yes ❑ No
      → If yes, specify exemption: _____
   h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? ❑ Yes ❑ No
6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? ❑ Yes ❑ No
7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 62082

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	11/14/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	491324	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868450FLE		
Destination		Grid	
PO	1973		
Profile	OR351637 (PCB CONTAMINATED CONCRETE DEBRIS)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	11/14/2022 10:30:18	MANUAL WT	pslider1		Gross	23221 lb*
Out	11/14/2022 10:30:18		pslider1		Tare	1 lb*
			* Manual Weight		Net	23220 lb
					Tons	11.61

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	11.61	Tons	124.00	298.96	$1439.64	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$729.04	WA-TUKWILA
3	FUEL-Fuel Surcharg	100		%	13.14		$478.98	WA-TUKWILA
4	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
5	WWM-WASTE WATER MA	100		%	6.50		$93.58	WA-TUKWILA
6	LINER EA-LINER PER	100	1.00	Each	75.00		$75.00	WA-TUKWILA
7	LOC TRANS EA-LOCAL	100	1.00	Each	564.00		$564.00	WA-TUKWILA
8	RAIL LOAD 20FT-RAI	100	1	Load	784.00		$784.00	WA-TUKWILA
9	DELIVERY PER EA-DE	100	1.00	Each	564.00		$564.00	WA-TUKWILA
10	RENT DAILY-RENT PE	100	5.00	Each	20.00		$100.00	WA-TUKWILA

Total Tax	$298.96
Total Ticket	$5152.20

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 62084

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	11/14/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	491644	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868449FLE		
Destination		Grid	
PO	1973		
Profile	OR351637 (PCB CONTAMINATED CONCRETE DEBRIS)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	11/14/2022 10:42:25	MANUAL WT	pslider1		Gross	23521 lb*
Out	11/14/2022 10:42:25		pslider1		Tare	1 lb*
			* Manual Weight		Net	23520 lb
					Tons	11.76

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	11.76	Tons	124.00	302.82	$1458.24	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$620.21	WA-TUKWILA
3	FUEL-Fuel Surcharg	100		%	13.14		$407.48	WA-TUKWILA
4	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
5	WWM-WASTE WATER MA	100		%	6.50		$94.79	WA-TUKWILA
6	LINER EA-LINER PER	100	1.00	Each	75.00		$75.00	WA-TUKWILA
7	LOC TRANS EA-LOCAL	100	1.00	Each	564.00		$564.00	WA-TUKWILA
8	RAIL LOAD 20FT-RAI	100	1	Load	784.00		$784.00	WA-TUKWILA
9	RENT DAILY-RENT PE	100	5.00	Each	20.00		$100.00	WA-TUKWILA

Total Tax	$302.82
Total Ticket	$4431.54

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 62101

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	11/14/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	491647	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868451FLE		
Destination		Grid	
PO	1973		
Profile	OR351637 (PCB CONTAMINATED CONCRETE DEBRIS)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	11/14/2022 11:49:47	MANUAL WT	pslider1		Gross	25541 lb*
Out	11/14/2022 11:49:47		pslider1		Tare	1 lb*
			* Manual Weight		Net	25540 lb
					Tons	12.77

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	12.77	Tons	124.00	328.83	$1583.48	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$759.68	WA-TUKWILA
3	FUEL-Fuel Surcharg	100		%	13.14		$499.11	WA-TUKWILA
4	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
5	WWM-WASTE WATER MA	100		%	6.50		$102.93	WA-TUKWILA
6	LINER EA-LINER PER	100	1.00	Each	75.00		$75.00	WA-TUKWILA
7	LOC TRANS EA-LOCAL	100	1.00	Each	564.00		$564.00	WA-TUKWILA
8	RAIL LOAD 20FT-RAI	100	1	Load	784.00		$784.00	WA-TUKWILA
9	DELIVERY PER EA-DE	100	1.00	Each	564.00		$564.00	WA-TUKWILA
10	RENT DAILY-RENT PE	100	5.00	Each	20.00		$100.00	WA-TUKWILA

Total Tax	$328.83
Total Ticket	$5386.03

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 62216

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	11/16/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	491964	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868448FLE		
Destination		Grid	
PO	1973		
Profile	OR351637 (PCB CONTAMINATED CONCRETE DEBRIS)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	11/16/2022 10:34:43	MANUAL WT	JALTAMI1		Gross
Out	11/16/2022 10:34:43		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

10/28

CWMI

Please print or type. 491964

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WAZ000011628		1 (800)424-9300	015868448 FLE

GENERATOR

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
U.S ECOLOGY

U.S. EPA ID Number
CAR000080114

7. Transporter 2 Company Name
UNION PACIFIC RAILROAD

U.S. EPA ID Number
NED001792810

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: ~~(503)~~454-2643

U.S. EPA ID Number
ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II	01	CM	15359	K	X002
	2.					
	3.					
	4.					

mw 11-3-22
541
mw 11-7-22

14. Special Handling Instructions and Additional Information
1. PROFILE# OR351637; PCB CONTAMINATED CONCRET DEBRIES;ERG=171;RQ=1LBS
1. PCB OUT OF SERVICE DATE: 09-14-2022 WEIGHT 25,000 TYPE: CM
CHEMTREC#CCN24117 CONTAINER # WMXU 8768 15359 kg.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Rick C. Okon	Rick C Okon	9	14	22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Gerald		9	16	22
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
JR		9	16	22

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Permission to Switch to Kilograms per Dave Martin/Hosbros mw 11-4-22
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Morgan Wolf	MWolf	11	03	22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MD/BMS

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 62523

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	11/21/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	491964	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868448FLE		
Destination		Grid	
PO	1973		
Profile	OR351637 (PCB CONTAMINATED CONCRETE DEBRIS)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	11/21/2022 13:13:08	MANUAL WT	pslider1		Gross	33861 lb*
Out	11/21/2022 13:13:08		pslider1		Tare	1 lb*
			* Manual Weight		Net	33860 lb
					Tons	16.93

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	16.93	Tons	124.00	435.95	$2099.32	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$756.76	WA-TUKWILA
3	FUEL-Fuel Surcharg	100		%	13.08		$494.92	WA-TUKWILA
4	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
5	WWM-WASTE WATER MA	100		%	6.50		$136.46	WA-TUKWILA
6	LINER EA-LINER PER	100	1.00	Each	75.00		$75.00	WA-TUKWILA
7	LOC TRANS EA-LOCAL	100	1.00	Each	564.00		$564.00	WA-TUKWILA
8	RAIL LOAD 20FT-RAI	100	1	Load	784.00		$784.00	WA-TUKWILA
9	RENT DAILY-RENT PE	100	5.00	Each	20.00		$100.00	WA-TUKWILA

Total Tax	$435.95
Total Ticket	$5471.41

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Web Tckt Reprint
Ticket# 54550

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	NONE No Carrier
Ticket Date	06/17/2022	Vehicle#	NONE Volume
Payment Type	Credit Account	Container	
CWM Load#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest			
Destination		Grid	
PO			
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	06/17/2022 08:58:00	MANUAL WT	bcrowder		Gross
Out	06/17/2022 08:58:00	MANUAL WT	bcrowder		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	PRO-PROFILE FEE $8 100		1.00	Each				

Total Tax
Total Ticket

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Web Tckt Reprint
Ticket# 58302

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	NONE No Carrier
Ticket Date	08/31/2022	Vehicle#	NONE Volume
Payment Type	Credit Account	Container	
CWM Load#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest			
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	08/31/2022 17:29:00	MANUAL WT	amallamo		Gross
Out	08/31/2022 17:29:00	MANUAL WT	amallamo		Tare
					Net
					Tons

Comments HAZARDOUS WASTE CLEAN UP AT ARGO RAIL YARD.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ONSITE SERVICES-ON	100	1.00	Each	51498.13		$51498.13	

Total Tax
Total Ticket $51498.13

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58398

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490221	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868383FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 10:45:52	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 10:46:26	MANUAL WT	JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

Please print or type. 490221 8/17 CWMI

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAZ000011628
2. Page 1 of
3. Emergency Response Phone: 1 (800)424-9300
4. Manifest Tracking Number: 015868383 FLE

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0808

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD — U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: 541 (503)454-2643 — U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	9054 ~~10,000~~	~~P~~ K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882;PCB DIRT;ERG=171;RQ=1LBS 8/25/22 — 9054kg.
1. PCB Out of Service Date: 8-15-22, Weight: ____, Type ____ Container # 300188 19960P

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ben McSally — Signature: Ben McSally — Month 8 Day 15 Year 22

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.: ____

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jason Edmonds — Signature: [signature] — Month 8 Day 15 Year 22
Transporter 2 Printed/Typed Name: JR — Signature: [signature] — Month 8 Day 15 Year 22

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☑ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
permission to correct to Kg and adjust to wt received, please enter CSD per Dave Martin/Hostbros. 8/25/22
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Morgan Wolf — Signature: Wolf — Month 8 Day 25 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

9M

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58399

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490026	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868391FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL	CENTERPOINT 8801 MARGINAL LLC	8801 EAST MARGIN

	Time	Scale	Operator	Inbound	
In	09/02/2022 10:48:06	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 10:48:06		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

CWMI

490026 8/7

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAZ000011628
2. Page 1 of 1
3. Emergency Response Phone: (800)424-9300
4. Manifest Tracking Number: 015868391 FLE

GENERATOR

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT
U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD
U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address
MD 8.24.22
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: SH (503)454-2643
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	907 ~~lb~~ 15595 JW 8/12/22	K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882:PCB SOIL;ERG#171 (RQ=1LB) CONTAINER # 300222 15595K
1. PCB Out of Service Date : 08 - 05 - 22 ,WEIGHT:_____,TYPE:_____E/R/P=CHEMTREC (#CCN24117)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rick C. Olson
Signature: Rick C. Ol
Month 8 Day 5 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jason Edmonds
Signature:
Month 8 Day 5 Year 22
Transporter 2 Printed/Typed Name: JR
Signature:
Month 8 Day 5 Year 22

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Permission to correct total quantity and out of service date per Dillon Emtman/Hoskins JW 8/12/22
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Morgan Wolf
Signature:
Month 8 Day 10 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MD

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58400

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490023	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868390FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 10:49:40	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 10:49:40		JALTAMI1		Tare
					Net
					Tons

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

8|8

CWMI

Please print or type. 490023

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WAZ000011628	1	(800)424-9300	015868390 FLE

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD — U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address
MD 8·24·22
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: ~~(503)~~ 541 454-2643
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	~~9,071~~ ~~20.00~~ 13426 JW 8/12/22	K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882:PCB SOIL;ERG#171 (RQ=1LB) CONTAINER # 300098 13426K
1. PCB OUT OF SERVICE DATE: 08 - 05 - 22 ,WEIGHT:______,TYPE:_____E/R/P=CHEMTREC (#CCN24117)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Rick C. Olson	[signature]	8	5	22

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

	Printed/Typed Name	Signature	Month	Day	Year
Transporter 1	Jason Edmonds	[signature]	8	5	22
Transporter 2	JR	[signature]	8	5	22

18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Permission to correct ^out of service date^ total quantity Per Dillon Fanner of Hosbros JW 8/12/22
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Morgan Wolf	MWolf	8	10	22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MM

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58401

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490021	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868392FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 10:51:02	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 10:51:02		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

CWMI

3/8

490021

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAZ000011628
2. Page 1 of
3. Emergency Response Phone: (800)424-9300
4. Manifest Tracking Number: 015868392 FLE

GENERATOR

5. Generator's Name and Mailing Address: CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: R TRANSPORT
U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD
U.S. EPA ID Number: NED001782910

8. Designated Facility Name and Site Address: CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: 541 (503)454-2643
U.S. EPA ID Number: ORD089452353

MD 8/24/22

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	~~7700~~ 10768	K	X002
	2.			SW 8/12/22		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882:PCB SOIL;ERG#171 (RQ=1LB) CONTAINER # 500262 10768kg. 23740#
1. PCB Out of Service Date : 08 - 05 - 22 ,WEIGHT:_____,TYPE:_____E/R/P=CHEMTREC (#CCN24117)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rick C. Olsen
Signature: Rick C Ol
Month 8 Day 5 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lee Stehl
Signature: Lee Stehl
Month 8 Day 5 Year 22

Transporter 2 Printed/Typed Name: JR
Signature:
Month 8 Day 5 Year 22

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Permission to correct total quantity and add out of service date per Dillon Eastman/Hasbros SW 8/12/22
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Morgan Wolf
Signature: MWolf
Month 8 Day 10 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MD

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58402

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490064	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868393FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 11:09:15	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 11:09:15		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

CWMI

490064 8/8

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAZ000011628
2. Page 1 of
3. Emergency Response Phone: (800)424-9300
4. Manifest Tracking Number: 015868393 FLE

GENERATOR

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT
U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD
U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address
MB 8.24.22
541
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: ~~(503)~~454-2643
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	12628 ~~9070~~	K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882:PCB SOIL;ERG#171 (RQ=1LB) CONTAINER # 300859 12628 kg.
1. PCB Out of Service Date : 8-5-22 ,WEIGHT: ,TYPE: E/R/P=CHEMTREC (#CCN24117)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rick C. Olson
Signature: Rick C. Ol
Month 8 Day 5 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jason Edmonds
Signature:
Month 8 Day 5 Year 22

Transporter 2 Printed/Typed Name: JR
Signature:
Month 8 Day 5 Year 22

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
approval to correct weight per Dillon Emtman./Hasbros mw 8-17-22
Add missing out of service date per Dillon Emtman/Hasbros JW 8/12/22
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Morgan Wolf
Signature: Wolf
Month 8 Day 17 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MB

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58403

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490063	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868397FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 11:14:46	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 11:14:46		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

CWMI

Please print or type. 4900063 8/8 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAZ000011628	1	(800)424-9300	015868397 FLE

GENERATOR

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD — U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address
MD 8/24/22
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: 541 (~~503~~)454-2643
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	9,070 135226	K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882:PCB SOIL;ERG#171 (RQ=1LB) CONTAINER # 300087 135226kg
1. PCB Out of Service Date : 08 05 22 ,WEIGHT: ,TYPE: E/R/P=CHEMTREC (#CCN24117)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rick C. Olson — Signature: Rick C. Olson — Month 8 Day 5 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lee Stehl — Signature: Lee Stehl — Month 8 Day 5 Year 22

Transporter 2 Printed/Typed Name: JR — Signature: — Month 8 Day 5 Year 22

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
missing weight correction per Dillan Eastman / Hosbros, mw 8-17-22
corrected out of service date 8-5-22 per Dillan Eastman Hosbros jw 8/12/22
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Morgan Wolf — Signature: Wolf — Month 8 Day 17 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MD

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58404

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490356	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868368FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 11:16:30	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 11:16:30		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

8/23

CWMI

4903566

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAZ000011628
2. Page 1 of
3. Emergency Response Phone: 1 (800)424-9300
4. Manifest Tracking Number: 015868368 FLE

GENERATOR

5. Generator's Name and Mailing Address: CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT
U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD
U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address: CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
U.S. EPA ID Number: ORD089452353
Facility's Phone: (503)454-2643

mdl 8.30.22

541

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	11667 40,000	P K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: 25720p.
1. OR350882;PCB DIRT;ERG=171;RQ=1LBS
1. PCB Out of Service Date:____-____-____,Weight :_____,Type_____ Container# 300077

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jon McSally
Signature: Jon McSally
Month 8 Day 15 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____
Date leaving U.S.: _____
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jason Edmonds
Signature:
Month 8 Day 15 Year 22
Transporter 2 Printed/Typed Name: JK
Signature:
Month 8 Day 15 Year 22

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Weight correction per Dave Martin/Hosbros. MM 8.26.22
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Morgan Noir
Signature:
Month 8 Day 26 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MD

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58405

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490355	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868369FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 11:19:22	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 11:19:22		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

8/23

CWMI

Please print or type. 490255

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAZ000011628		1 (800)424-9300	015868369 FLE

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD — U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address: mdl 8.30.22
541
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: ~~(503)454-2643~~ — U.S. EPA ID Number: ORD089452353

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	40,000. 13463	P K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
~~1. OR350882;PCB DIRT;ERG=171;RQ=1LBS~~
1. PCB Out of Service Date: 8-15-22. Weight :_____,Type_____ Container # 300208
13463kg.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dan McSells — Signature: Dan McSells — Month 8 Day 15 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____
Transporter signature (for exports only): Date leaving U.S.: _____

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] — Signature: [illegible] — Month 8 Day 15 Year 22
Transporter 2 Printed/Typed Name: JR — Signature: [illegible] — Month 8 Day 15 Year 22

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Morgan Wolf — Signature: [illegible] — Month 8 Day 26 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

M

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58406

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490335	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868367FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 11:24:40	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 11:24:40		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

8/23

CWMI

Please print or type. 490335

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAZ000011628
2. Page 1 of
3. Emergency Response Phone: 1 (800)424-9300
4. Manifest Tracking Number: 015868367 FLE

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0898

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT
U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD
U.S. EPA ID Number: NED001792910

8. Designated Facility Name and Site Address
md 8.30.22
541
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: ~~(503)~~454-2843
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	~~40,000~~ 12501	P K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882;PCB DIRT;ERG=171;RQ=1LBS
27500p.
1. PCB Out of Service Date: 8 - 15 - 22, Weight : ____, Type ____ Container # 300238

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month 8 Day 15 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.: ____

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jason Edmonds Signature: [illegible] Month 8 Day 15 Year 22
Transporter 2 Printed/Typed Name: JR Signature: [illegible] Month 8 Day 15 Year 22

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Weight correction per Dave Martin/Hospers/MW 8-26-22
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Morgan Noe Signature: [illegible] Month 8 Day 26 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MD

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58407

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/02/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490332	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868384FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound	
In	09/02/2022 11:27:18	MANUAL WT	JALTAMI1		Gross
Out	09/02/2022 11:27:18		JALTAMI1		Tare
					Net
					Tons

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	MANIFEST TRACKING-	100	1.00	Each	0.00			

Total Tax
Total Ticket

Driver`s Signature

8/17

CWMI

Please print or type.

490332

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAZ000011628
2. Page 1 of
3. Emergency Response Phone: 1 (800)424-9300
4. Manifest Tracking Number: 015868384 FLE

GENERATOR

5. Generator's Name and Mailing Address
CENTERPOINT 8801 MARGINAL LLC
8801 EAST MARGINAL WAY SOUTH
TUKWILA WA 98108
Generator's Phone: (847)710-0698

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT
U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name: UNION PACIFIC RAILROAD
U.S. EPA ID Number: NED001702910

8. Designated Facility Name and Site Address
md 8.30.22
541
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (503)454-2643
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432,POLYCHLORINATED BIPHENYLS,SOLID,9,II OR350882	01	CM	10659 40,000	K	X002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR350882;PCB DIRT;ERG=171;RQ=1LBS
23500p.
1. PCB Out of Service Date: 8-15-22 Weight: ____ Type ____ Container # 300070
bw 8/25/22

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ben McSells
Signature: Ben McSells
Month 8 Day 15 Year 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.: ____

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jason Edmonds
Signature:
Month 8 Day 15 Year 22

Transporter 2 Printed/Typed Name: JR
Signature:
Month 8 Day 15 Year 22

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☑ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
bw 8/25/22
Permission to change to kg and adj wt to wt received also enter OOSD per DaveMartin/Hosbros
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Morgan Hoff
Signature:
Month 8 Day 26 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

MD

WASTE MANAGEMENT

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58780

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/12/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490021	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868392FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/12/2022 14:48:19	MANUAL WT	pslider1		Gross	23741 lb*
Out	09/12/2022 14:48:19		pslider1		Tare	1 lb*
			* Manual Weight		Net	23740 lb
					Tons	11.87

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	11.87	Tons	124.21	305.65	$1474.37	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$556.21	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$95.83	WA-TUKWILA
7	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$305.65
Total Ticket	$3642.89

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58782

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/12/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490023	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868390FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/12/2022 14:54:05	MANUAL WT	pslider1		Gross	29601 lb*
Out	09/12/2022 14:54:05		pslider1		Tare	1 lb*
			* Manual Weight		Net	29600 lb
					Tons	14.80

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	14.80	Tons	124.21	381.10	$1838.31	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$633.73	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$119.49	WA-TUKWILA
7	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$381.10
Total Ticket	$4183.46

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58783

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/12/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490026	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868391FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/12/2022 15:03:19	MANUAL WT	pslider1		Gross	34381 lb*
Out	09/12/2022 15:03:19		pslider1		Tare	1 lb*
			* Manual Weight		Net	34380 lb
					Tons	17.19

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	17.19	Tons	124.21	442.64	$2135.17	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$790.96	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$138.79	WA-TUKWILA
7	DELIVERY PER LOAD-	100	1	Load	470.00		$470.00	WA-TUKWILA
8	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$442.64
Total Ticket	$5188.39

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58784

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/12/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490063	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868397FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/12/2022 15:08:36	MANUAL WT	pslider1		Gross	29821 lb*
Out	09/12/2022 15:08:36		pslider1		Tare	1 lb*
			* Manual Weight		Net	29820 lb
					Tons	14.91

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	14.91	Tons	124.21	383.93	$1851.97	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$636.64	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$120.38	WA-TUKWILA
7	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$383.93
Total Ticket	$4203.75

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58785

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/12/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490064	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868393FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/12/2022 15:14:08	MANUAL WT	pslider1		Gross	27841 lb*
Out	09/12/2022 15:14:08		pslider1		Tare	1 lb*
			* Manual Weight		Net	27840 lb
					Tons	13.92

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	13.92	Tons	124.21	358.44	$1729.00	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$610.44	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$112.39	WA-TUKWILA
7	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$358.44
Total Ticket	$4021.10

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58791

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/12/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490221	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868383FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/12/2022 15:44:58	MANUAL WT	pslider1		Gross	19961 lb*
Out	09/12/2022 15:44:58		pslider1		Tare	1 lb*
			* Manual Weight		Net	19960 lb
					Tons	9.98

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	9.98	Tons	124.21	256.99	$1242.10	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$506.73	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$80.74	WA-TUKWILA
7	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$256.99
Total Ticket	$3297.39

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58847

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/13/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490332	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868384FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/13/2022 10:15:04	MANUAL WT	pslider1		Gross	23501 lb*
Out	09/13/2022 10:15:04		pslider1		Tare	1 lb*
			* Manual Weight		Net	23500 lb
					Tons	11.75

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	11.75	Tons	124.21	302.56	$1459.47	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$647.03	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$94.87	WA-TUKWILA
7	DELIVERY PER LOAD-	100	1	Load	470.00		$470.00	WA-TUKWILA
8	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$302.56
Total Ticket	$4184.76

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58853

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/13/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490335	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868367FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/13/2022 10:21:32	MANUAL WT	pslider1		Gross	27561 lb*
Out	09/13/2022 10:21:32		pslider1		Tare	1 lb*
			* Manual Weight		Net	27560 lb
					Tons	13.78

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	13.78	Tons	124.21	354.84	$1711.61	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$606.74	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$111.25	WA-TUKWILA
7	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$354.84
Total Ticket	$3995.27

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58893

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/13/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490355	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868369FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/13/2022 14:42:51	MANUAL WT	pslider1		Gross	29681 lb*
Out	09/13/2022 14:42:51		pslider1		Tare	1 lb*
			* Manual Weight		Net	29680 lb
					Tons	14.84

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	14.84	Tons	124.21	382.13	$1843.28	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$634.78	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$119.81	WA-TUKWILA
7	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$382.13
Total Ticket	$4190.83

Driver`s Signature

Chemical Waste Management of the NorthWest
17629 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2643

Reprint
Ticket# 58896

Customer Name	HOS BROS CONSTRUCTION HOS BRO	Carrier	UNION PACIFIC UNION PACIFIC RAILROAD
Ticket Date	09/13/2022	Vehicle#	RAIL Volume
Payment Type	Credit Account	Container	
CWM Load#	490356	Driver	
Hauling Ticket#		Check#	
Route		Billing #	0000689
State Waste Code		Gen EPA ID	
Manifest	015868368FLE		
Destination		Grid	
PO	1973		
Profile	OR350882 (PCB Dirt)		
Generator	168-CENTERPOINT 8801 MARGINAL CENTERPOINT 8801 MARGINAL LLC 8801 EAST MARGIN		

	Time	Scale	Operator	Inbound		
In	09/13/2022 14:51:01	MANUAL WT	pslider1		Gross	25721 lb*
Out	09/13/2022 14:51:01		pslider1		Tare	1 lb*
			* Manual Weight		Net	25720 lb
					Tons	12.86

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	TSCA Disp-Tons-TSC	100	12.86	Tons	124.21	331.15	$1597.34	WA-TUKWILA
2	EVF-P-Standard Env	100		%	20.00		$676.40	WA-TUKWILA
3	MFE-e-Manifest (La	100	1.00	Each	25.00		$25.00	WA-TUKWILA
4	LOC TRANS LOAD-LOC	100	1	Load	470.00		$470.00	WA-TUKWILA
5	RAIL LOAD-RAIL PER	100	1	Load	653.33		$653.33	WA-TUKWILA
6	WWM-WASTE WATER MA	100		%	6.50		$103.83	WA-TUKWILA
7	DELIVERY PER LOAD-	100	1	Load	470.00		$470.00	WA-TUKWILA
8	LINER EA-LINER PER	100	1.00	Each	62.50		$62.50	WA-TUKWILA

Total Tax	$331.15
Total Ticket	$4389.55

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178652
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 08:55:30	SCALE 1	galtheim		Gross	99440 lb
Out	08/11/2022 09:04:49	SCALE 1	galtheim		Tare	42840 lb
					Net	56600 lb
					Tons	28.30

Comments HOS BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.30	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.30	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178653
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1779
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE BRADEN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 08:58:51	SCALE 1	galtheim		Gross	101620 lb
Out	08/11/2022 09:06:30	SCALE 1	galtheim		Tare	43000 lb
					Net	58620 lb
					Tons	29.31

Comments HOS-BROS

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.31	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	29.31	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178656
Ph: 206 763 5025

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/11/2022
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/137937OR

Carrier SELF HAULER *
Vehicle# 1777
Container
Driver SCOTT PERRY
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 09:53:00	SCALE 1	galtheim		Gross	92960 lb
Out	08/11/2022 09:53:00		galtheim		Tare	42840 lb
					Net	50120 lb
					Tons	25.06

Comments HOS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.06	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	25.06	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178658
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1779
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE BRADEN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 10:02:49	SCALE 1	galtheim		Gross	96200 lb
Out	08/11/2022 10:02:49		galtheim		Tare	43000 lb
					Net	53200 lb
					Tons	26.60

Comments HOS-BRO-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.60	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	26.60	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178659
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 10:44:31	SCALE 1	galtheim		Gross	91500 lb
Out	08/11/2022 10:44:31		galtheim		Tare	42840 lb
					Net	48660 lb
					Tons	24.33

Comments HOS-BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.33	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	24.33	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178661
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1779
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE BRADEN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 10:53:33	SCALE 1	galtheim		Gross	95140 lb
Out	08/11/2022 10:53:33		galtheim		Tare	43000 lb
					Net	52140 lb
					Tons	26.07

Comments HOS-BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.07	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	26.07	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178664
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 12:09:02	SCALE 1	galtheim		Gross	100880 lb
Out	08/11/2022 12:09:02		galtheim		Tare	42840 lb
					Net	58040 lb
					Tons	29.02

Comments HOS-BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.02	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	29.02	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

PO# 10065703

*** 24 Hour Emergency Response Information, CALL Clean Earth (877) 577-2669 ***

CleanEarth

SHIPPING PAPER

65119

DELIVERY DATE	JOB #
	INTERNAL

SHIPPER / CUSTOMER BURLINGTON ENVIRONMENTAL, LLC	POINT OF CONTACT Megan Swick
ADDRESS 20245 77TH AVE S	PHONE # (253)872-8030
CITY, STATE, ZIP KENT WA 98032-1362	
CARRIER / TRANSPORTER CLEAN EARTH SPECIALTY WASTE	PHONE # (612)285-9865
CONSIGNEE / FACILITY ALASKA ST. RELOAD AND RECYCLIN	POINT OF CONTACT
ADDRESS 70 South Alaska Street	PHONE # (206)763-5025
CITY, STATE, ZIP SEATTLE , WA 98106	

HM	US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	Containers No.	Containers Type	Total Quantity	UOM
A	MATERIAL NOT REGULATED BY DOT	1	CM	20	Y
B					
C					
D					

Special Handling Instruction and Additional Information:

a) Z1246850R-00 - - SOLIDIFIED WASTEWATER TREATMENT SLUDGE - LFB01

Placards Provided YES_____ NO_____

SHIPPER'S CERTIFICATION: "I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations." I also certify that all times listed above are true and correct.

(SHIPPER) PRINT OR TYPE NAME	SIGNATURE	MONTH	DAY	YEAR
X Dan Parrish	X Dan Parrish	08	11	22
(CARRIER/TRANSPORTER) PRINT OR TYPE NAME	SIGNATURE	MONTH	DAY	YEAR
X Dan Parrish	X Dan Parrish	08	11	22
(CONSIGNEE/FACILITY) PRINT OR TYPE NAME	SIGNATURE	MONTH	DAY	YEAR
X G Altheimer	X GRA	08	11	22

CONSIGNEE

WASTE MANAGEMENT

COLUMBIA RIDGE LANDFILL & RECYCLING CENTER
18177 Cedar Springs Lane
Arlington, OR 97812
541-454-2030

August 11, 2022

Stericycle Environmental Solutions
20245 77th Ave S
Kent, WA 98032-1362

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON-HAZARDOUS Waste material via the Alaska Street Transfer Facility from Philip Services Corp.

Date Received:	August 11, 2022
Generator:	Burlington Environmental
Manifest :	65119
Profile # :	124685OR
Total Tons :	5.49

I certify, on behalf of the above listed facility, that the above-described non-hazardous waste was managed in compliance with all applicable laws.

Gena Altheimer
Scalehouse Attendant
Alaska Street Reload Facility
70 South Alaska Street
Seattle, WA 98134
206-763-5025
galtheim@wm.com

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178667
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1779
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE BRADEN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 12:32:36	SCALE 1	galtheim		Gross	104620 lb
Out	08/11/2022 12:32:36		galtheim		Tare	43000 lb
					Net	61620 lb
					Tons	30.81

Comments HOS-BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.81	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	30.81	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178668
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 13:11:52	SCALE 1	galtheim		Gross	97260 lb
Out	08/11/2022 13:11:52		galtheim		Tare	42840 lb
					Net	54420 lb
					Tons	27.21

Comments HOS-BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.21	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	27.21	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178672
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1779
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MIKE BRADEN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 13:35:44	SCALE 1	galtheim		Gross	99520 lb
Out	08/11/2022 13:35:44		galtheim		Tare	43000 lb
					Net	56520 lb
					Tons	28.26

Comments HOS-BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.26	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.26	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178673
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/11/2022	Vehicle#	1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/11/2022 14:06:56	SCALE 1	galtheim		Gross	107740 lb
Out	08/11/2022 14:06:56		galtheim		Tare	42840 lb
					Net	64900 lb
					Tons	32.45

Comments HOS-BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	32.45	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	32.45	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178779
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	GINA
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 07:37:12	SCALE 1	galtheim		Gross	98060 lb
Out	08/19/2022 07:48:41	SCALE 1	galtheim		Tare	45040 lb
					Net	53020 lb
					Tons	26.51

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.51	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	26.51	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178781
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEREMY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 08:01:08	SCALE 1	galtheim		Gross	92900 lb
Out	08/19/2022 08:17:39	SCALE 1	galtheim		Tare	44000 lb
					Net	48900 lb
					Tons	24.45

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.45	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	24.45	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178785
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	GINA
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

	Time	Scale	Operator	Inbound		
In	08/19/2022 08:36:12	SCALE 1	galtheim		Gross	98260 lb
Out	08/19/2022 08:36:12		galtheim		Tare	45040 lb
					Net	53220 lb
					Tons	26.61

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.61	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	26.61	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178788
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 09:13:16	SCALE 1	lmercer		Gross	98340 lb*
Out	08/19/2022 09:13:16		lmercer		Tare	42840 lb*
			* Manual Weight		Net	55500 lb
					Tons	27.75

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.75	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	27.75	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178790
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEREMY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 09:20:27	SCALE 1	lmercer		Gross	99500 lb
Out	08/19/2022 09:20:27		lmercer		Tare	44000 lb
					Net	55500 lb
					Tons	27.75

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.75	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	27.75	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178791
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *		
Ticket Date	08/19/2022	Vehicle#	H1767	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	GINA		
Route	AK	Check#			
Hauling Ticket#		Billing#	0000446		
Destination		Grid			
PO#	1973/137937OR				

	Time	Scale	Operator	Inbound		
In	08/19/2022 09:26:39	SCALE 1	lmercer		Gross	99620 lb
Out	08/19/2022 09:26:39		lmercer		Tare	45040 lb
					Net	54580 lb
					Tons	27.29

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.29	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	27.29	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178792
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1766
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANGELA CASTEEL
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 09:35:41	SCALE 1	lmercer		Gross	100380 lb*
Out	08/19/2022 09:35:41		lmercer		Tare	43240 lb*
			* Manual Weight		Net	57140 lb
					Tons	28.57

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.57	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	28.57	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178796
Ph: 206 763 5025

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/19/2022
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/137937OR

Carrier SELF HAULER *
Vehicle# H1766
Container
Driver ANGELA CASTEEL
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 10:19:06	SCALE 1	lmercer		Gross	103840 lb
Out	08/19/2022 10:19:06		lmercer		Tare	43240 lb
					Net	60600 lb
					Tons	30.30

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.30	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	30.30	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178797
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 10:22:24	SCALE 1	lmercer		Gross	104200 lb
Out	08/19/2022 10:22:24		lmercer		Tare	42840 lb
					Net	61360 lb
					Tons	30.68

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.68	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	30.68	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178798
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEREMY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 10:27:59	SCALE 1	lmercer		Gross	100960 lb
Out	08/19/2022 10:27:59		lmercer		Tare	44000 lb
					Net	56960 lb
					Tons	28.48

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.48	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	28.48	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178800
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	GINA
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 10:37:47	SCALE 1	lmercer		Gross	102260 lb
Out	08/19/2022 10:37:47		lmercer		Tare	45040 lb
					Net	57220 lb
					Tons	28.61

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.61	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	28.61	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178802
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 11:46:37	SCALE 1	galtheim		Gross	103000 lb
Out	08/19/2022 11:46:37		galtheim		Tare	42840 lb
					Net	60160 lb
					Tons	30.08

Comments HOS BROS.
AH

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.08	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	30.08	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178804
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEREMY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 11:54:28	SCALE 1	galtheim		Gross	102080 lb
Out	08/19/2022 11:54:28		galtheim		Tare	44000 lb
					Net	58080 lb
					Tons	29.04

Comments HOS BROS
AH

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.04	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	29.04	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178805
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	GINA
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

	Time	Scale	Operator	Inbound		
In	08/19/2022 11:56:49	SCALE 1	galtheim		Gross	103760 lb
Out	08/19/2022 11:56:49		galtheim		Tare	45040 lb
					Net	58720 lb
					Tons	29.36

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.36	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	29.36	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178808
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 12:36:45	SCALE 1	lmercer		Gross	100420 lb
Out	08/19/2022 12:36:45		lmercer		Tare	42840 lb
					Net	57580 lb
					Tons	28.79

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.79	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	28.79	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178809
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEREMY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 12:40:01	SCALE 1	lmercer		Gross	100960 lb
Out	08/19/2022 12:40:01		lmercer		Tare	44000 lb
					Net	56960 lb
					Tons	28.48

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.48	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	28.48	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178811
Ph: 206 763 5025

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/19/2022
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/137937OR

Carrier SELF HAULER *
Vehicle# H1767
Container
Driver GINA
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 12:55:15	SCALE 1	lmercer		Gross	99320 lb
Out	08/19/2022 12:55:15		lmercer		Tare	45040 lb
					Net	54280 lb
					Tons	27.14

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.14	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	27.14	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178814
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1763
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JEREMY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 13:49:18	SCALE 1	lmercer		Gross	100700 lb
Out	08/19/2022 13:49:18		lmercer		Tare	44000 lb
					Net	56700 lb
					Tons	28.35

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.35	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	28.35	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178816
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1777
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	SCOTT PERRY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/19/2022 14:03:07	SCALE 1	lmercer		Gross	107280 lb
Out	08/19/2022 14:03:07		lmercer		Tare	42840 lb
					Net	64440 lb
					Tons	32.22

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	32.22	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	32.22	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178817
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/19/2022	Vehicle#	H1767
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	GINA
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

	Time	Scale	Operator	Inbound		
In	08/19/2022 14:10:04	SCALE 1	lmercer		Gross	103560 lb
Out	08/19/2022 14:10:04		lmercer		Tare	45040 lb
					Net	58520 lb
					Tons	29.26

Comments HOS BROS - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.26	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	29.26	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178821
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/22/2022	Vehicle#	C99
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/22/2022 08:14:50	SCALE 1	galtheim		Gross	83860 lb
Out	08/22/2022 08:27:03	SCALE 1	galtheim		Tare	37980 lb
					Net	45880 lb
					Tons	22.94

Comments DTG-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	22.94	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	22.94	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178822
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/22/2022	Vehicle#	C92
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BRIAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/22/2022 08:17:46	SCALE 1	galtheim		Gross	88760 lb
Out	08/22/2022 08:28:47	SCALE 1	galtheim		Tare	38200 lb
					Net	50560 lb
					Tons	25.28

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.28	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	25.28	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178827
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/22/2022	Vehicle#	C99
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

	Time	Scale	Operator	Inbound		
In	08/22/2022 09:10:38	SCALE 1	galtheim		Gross	81800 lb
Out	08/22/2022 09:10:38		galtheim		Tare	37980 lb
					Net	43820 lb
					Tons	21.91

Comments DTG-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	21.91	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	21.91	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178829
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/22/2022	Vehicle#	C92
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BRIAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/22/2022 09:15:05	SCALE 1	galtheim		Gross	78120 lb
Out	08/22/2022 09:15:05		galtheim		Tare	38200 lb
					Net	39920 lb
					Tons	19.96

Comments DTG-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	19.96	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	19.96	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178894
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/24/2022	Vehicle#	1848
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RICK
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

	Time	Scale	Operator	Inbound		
In	08/24/2022 09:44:19	SCALE 1	galtheim		Gross	102700 lb
Out	08/24/2022 09:53:36	SCALE 1	galtheim		Tare	43140 lb
					Net	59560 lb
					Tons	29.78

Comments HOS BROS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.78	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	29.78	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178905
Ph: 206 763 5025

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/24/2022
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/137937OR

Carrier SELF HAULER *
Vehicle# 1848
Container
Driver RICK
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/24/2022 10:55:36	SCALE 1	galtheim		Gross	91520 lb
Out	08/24/2022 10:55:36		galtheim		Tare	43140 lb
					Net	48380 lb
					Tons	24.19

Comments HB-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.19	Tons				KING
2	EVF-P-Standard Environme	100		%				
3	GONDOLA T-GONDOLA TON	100	24.19	Tons				
4	FUELSUR-FUEL SURCHARGE	100		%				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178911
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/24/2022	Vehicle#	1848
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RICK
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

Volume

	Time	Scale	Operator	Inbound		
In	08/24/2022 12:21:27	SCALE 1	galtheim		Gross	100920 lb
Out	08/24/2022 12:21:27		galtheim		Tare	43140 lb
					Net	57780 lb
					Tons	28.89

Comments HB-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.89	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.89	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 178926
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/24/2022	Vehicle#	1848
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RICK
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

	Time	Scale	Operator	Inbound		
In	08/24/2022 13:20:50	SCALE 1	galtheim		Gross	106640 lb
Out	08/24/2022 13:20:50		galtheim		Tare	43140 lb
					Net	63500 lb
					Tons	31.75

Comments HB-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	31.75	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	31.75	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 179049
Ph: 206 763 5025

Customer Name	HOS BROS CONSTRUCTION INC HOS	Carrier	SELF HAULER *
Ticket Date	08/30/2022	Vehicle#	H1765SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BOB
Route	AK	Check#	
Hauling Ticket#		Billing#	0000446
Destination		Grid	
PO#	1973/137937OR		

	Time	Scale	Operator	Inbound		
In	08/30/2022 08:26:10	SCALE 1	GALTHEIM		Gross	94460 lb
Out	08/30/2022 08:37:43	SCALE 1	GALTHEIM		Tare	43200 lb
					Net	51260 lb
					Tons	25.63

Comments HOS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.63	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	25.63	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 179054
Ph: 206 763 5025

Customer Name HOS BROS CONSTRUCTION INC HOS
Ticket Date 08/30/2022
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 1973/137937OR

Carrier SELF HAULER *
Vehicle# H1765SD
Container
Driver BOB
Check#
Billing# 0000446
Grid

Volume

	Time	Scale	Operator	Inbound		
In	08/30/2022 09:34:00	SCALE 1	GALTHEIM		Gross	96480 lb*
Out	08/30/2022 09:34:00		GALTHEIM		Tare	43200 lb*
			* Manual Weight		Net	53280 lb
					Tons	26.64

Comments HOS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.64	Tons				KING
2	EVF-P-Standard Environme	100		%				KING
3	GONDOLA T-GONDOLA TON	100	26.64	Tons				KING
4	FUELSUR-FUEL SURCHARGE	100		%				KING

Total Tax
Total Ticket

Driver`s Signature

APPENDIX D
DATA VALIDATION REPORT

CLEANUP COMPLETION REPORT
PACCAR Site
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

FARALLON CONSULTING

Washington
Issaquah | Bellingham | Seattle
Oregon
Portland | Baker City
California
Oakland | Irvine

DATA VALIDATION REPORT
APPENDIX D OF
CLEANUP COMPLETION REPORT

PACCAR SITE
8801 EAST MARGINAL WAY SOUTH
TUKWILA, WASHINGTON

Submitted by:
Farallon Consulting, L.L.C.
975 5th Avenue Northwest
Issaquah, Washington 98027

Farallon PN: 1353-001

For:
CenterPoint Properties Trust
1808 Swift Drive
Oak Brook, Illinois 60523

January 17, 2023

Prepared by:

Jeanette Mullin, L.G.
Environmental Data Manager

Reviewed by:

Stuart Brown
Associate Environmental Scientist

TABLE OF CONTENTS

TABLES

1.0 INTRODUCTION

This Data Validation Report provides a summary of quality assurance (QA) findings from the data validation performed for the following environmental samples:

Project Name:	PACCAR Site
Project No.:	1353-001
Laboratory Name:	Friedman & Bruya, Inc., Seattle, Washington (FBI)
Laboratory Reference No.:	205333 205365 208180 208202 208222 208309 208323 208369 208459
Matrix:	Soil and one Wipe Sample

Table D-1 identifies the soil and wipe samples analyzed by FBI, the analytical method used to analyze each sample, and the Sample Delivery Group (SDG) each sample was analyzed in.

This review of project data was performed in accordance with the letter regarding Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste, PACCAR Site, 8801 East Marginal Way South, Tukwila, Washington dated July 19, 2022 from Stuart Brown and Pete Kingston of Farallon Consulting, L.L.C. (Farallon) to Brett Feldhahn of the U.S. Environmental Protection Agency (EPA), and Chris Kelly of the Washington State Department of Ecology); and the EPA (2020) *National Functional Guidelines for Organic Superfund Methods Data Review* dated November 2020.

This Data Validation Report includes a review of holding times, method blanks, matrix spike and matrix spike duplicates, spike blank recoveries, surrogates, and Chain of Custody forms. As shown in Table D-1, soil and wipe samples were analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082A.

1.1 OVERALL DATA ASSESSMENT

All data are of known quality and are acceptable for use. No results were rejected or qualified based on this data assessment.

1.2 CHAIN OF CUSTODY

Soil and Wipe Samples
Field Chain of Custody forms were complete. All Chain of Custody forms were signed and dated. All samples listed on the Chain of Custody forms were analyzed as indicated. No issues with sample receipt conditions were indicated in the Case Narrative section of the laboratory reports or on the Chain of Custody forms, with the exceptions noted below:

- SDG 205365: The sample times listed on the Chain of Custody and the containers for samples FB-47-2.5, FB-47-5.0, and FB-47-7.5 were noted as incorrect on the Chain of Custody, and should have been 1500, 1501, and 1502), respectively (2 hours later than the times shown). This discrepancy did not impact the data quality of the analytical results, and no qualifications are needed.
- SDG 208459: Samples were received at a temperature of 25 degrees Celsius, exceeding the preservation requirement for Method 8082A of ±6 degrees Celsius. However, the samples were collected less than 1 hour before submittal to the laboratory, and did not have sufficient time to cool prior to the laboratory's temperature check of the cooler, and placement in the laboratory refrigerator. No qualification of the analytical results is needed.

All other samples were received by the laboratory at the correct temperature, in the proper containers, and within the method-specified holding time for all delivery groups.

1.3 COMPLETENESS

Completeness is expressed as the ratio of valid results to the amount of data expected to be obtained under normal conditions. Completeness is determined by assessing the number of samples for which valid results were obtained versus the number of samples submitted to the laboratory for analysis. Valid results are results determined during the data validation review process to be usable.

The completeness of this data set was 100 percent, as valid results were obtained for all analyzed samples.

2.0 SOIL POLYCHLORINATED BIPHENYL AROCLOR QUALITY ASSURANCE REVIEW

2.1 TIMELINESS

No recommended holding time is specified for EPA Method 8082A for soil and wipe samples due to the stability of PCBs in environmental samples. Part 136 of Title 40 of the Code of Federal Regulations specifies a 1-year holding time. EPA notes that many programs and laboratories default to the holding time for semivolatile organic compounds (SVOCs) of 14 days to extraction for soil and wipe samples, and 40 days to analyze after extraction. Sample holding times are shown in Table D-2. All samples were extracted within 14 days and analyzed within 40 days, with the following exception:

- SDG 205333: Samples FB-26-7.5 and FB-26-8.5 were extracted 1 day later than the 14 days specified for SVOCs. Because the extraction was so close to the 14-day period, data quality is not expected to be impacted, and no qualifications are needed.

2.2 FIELD QUALITY CONTROL SAMPLES

A rinsate blank wipe sample was collected on August 15, 2022 by wiping the interior bucket of an excavator used to remove PCB-contaminated soil, after it had been decontaminated. The wipe sample was analyzed for PCBs by Method 8082A in SDG 208222. No target analytes were detected at or exceeding laboratory reporting limits.

2.3 LABORATORY QUALITY CONTROL SAMPLES

2.3.1 Quality Control Analysis Frequency

Method blanks were analyzed at a minimum frequency of one method blank per batch. Matrix spikes and matrix spike duplicates, and spike blanks were analyzed at a minimum frequency of one per batch. These criteria were met for all delivery groups.

2.3.2 Method Blanks

No target analytes were detected at or exceeding laboratory reporting limits in the method blanks for all delivery groups.

2.3.3 Matrix Spikes, Matrix Spike Duplicates, and Spike Blanks

Recoveries and relative percent differences (RPDs) for all target analytes in the matrix spikes, matrix spike duplicates, and spike blanks were within laboratory quality control (QC) limits for all delivery groups, with the following exceptions:

- SDG 205365: The RPD between the matrix spike and the matrix spike duplicate conducted on sample FB-37-2.5 exceeded the RPD limit for Aroclor 1016. Aroclor 1016 was not detected in sample FB-37-2.5, and no qualification of sample results is needed.

- SDG 208309: A matrix spike and a matrix spike duplicate were conducted on sample A3-H2-B-8.0. The percent recoveries of Aroclor 1260 exceeded the upper control limit. Aroclor 1260 was not detected in sample A3-H2-B-8.0, and no qualification of sample results is needed.
- SDG 208323: The percent recoveries of Aroclor 1260 in the matrix spike and the matrix spike duplicate exceeded the upper control limit. However, the matrix spike and the matrix spike duplicate were conducted on a non-SDG sample, and the results are not applicable to samples in this delivery group.
- SDG 208369: The percent recovery of Aroclor 1260 in the matrix spike duplicate exceeded the upper control limit. However, the matrix spike duplicate was conducted on a non-project sample, and the results are not applicable to project samples.

2.3.4 Surrogate Recoveries

The laboratory used one surrogate spike compound for EPA Method 8082A for soil and wipe samples. Surrogate recoveries were within the laboratory QC limits for all delivery groups, with the following exceptions:

- SDG 205333: The percent recovery of the surrogate 2,4,5,6-tetrachloro-m-xylene (TCMX) exceeded the upper control limit in re-analysis of soil sample FB-15-5.0, which was diluted based on high concentrations of target analytes. The dilution impacted the recovery of the surrogate, and the percent recovery of the surrogate TCMX in the undiluted extract of sample FB-15-5.0 was within control limits. No qualification of analytical results is needed.
- SDG 208202: The percent recovery of the surrogate TCMX was outside control limits for the following diluted samples: A3-Brick-01, A3-Brick-02, A3-Brick-03 and A3-Concrete-01. The dilution impacted the recovery of the surrogate; however, the percent recovery of TCMX in the undiluted extracts of all these samples was within control limits, and no qualification of analytical results is needed.

3.0 REFERENCES

Farallon Consulting, L.L.C. 2022. Letter Regarding Work Plan for Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste, PACCAR Site, 8801 East Marginal Way South, Tukwila, Washington. From Stuart Brown and Pete Kingston. To Brett Feldhahn, U.S. Environmental Protection Agency, and Chris Kelly, Washington State Department of Ecology. July 19.

U.S. Environmental Protection Agency (EPA). 2020. *National Functional Guidelines for Organic Superfund Methods Data Review.* OLEM 9240.0-51; EPA-540-R-20-005. November.

TABLES

DATA VALIDATION REPORT
PACCAR Site
8801 East Marginal Way South
Tukwila, Washington

Farallon PN: 1353-001

Table D-1
Overview of Soil and Wipe Sample Analysis
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Identification	Matrix	Sample Date	Analytical Method
			EPA 8082A PCBs
Sample Delivery Group 205333			
FB-01-2.5	Soil	5/18/2022	X
FB-01-5.0	Soil	5/18/2022	X
FB-02-2.5	Soil	5/18/2022	X
FB-02-5.0	Soil	5/18/2022	X
FB-03-2.5	Soil	5/18/2022	X
FB-03-5.0	Soil	5/18/2022	X
FB-04-2.0	Soil	5/18/2022	X
FB-04-5.0	Soil	5/18/2022	X
FB-05-2.5	Soil	5/18/2022	X
FB-05-5.0	Soil	5/18/2022	X
FB-06-2.0	Soil	5/18/2022	X
FB-06-5.0	Soil	5/18/2022	X
FB-06-10.0	Soil	5/18/2022	X
FB-07-2.5	Soil	5/18/2022	X
FB-07-5.0	Soil	5/18/2022	X
FB-08-2.5	Soil	5/18/2022	X
FB-08-5.0	Soil	5/18/2022	X
FB-09-2.5	Soil	5/18/2022	X
FB-09-5.0	Soil	5/18/2022	X
FB-10-2.5	Soil	5/18/2022	X
FB-10-5.0	Soil	5/18/2022	X
FB-11-2.5	Soil	5/18/2022	X
FB-11-5.0	Soil	5/18/2022	X
FB-12-2.0	Soil	5/18/2022	X
FB-12-5.0	Soil	5/18/2022	X
FB-12-10.0	Soil	5/18/2022	X
FB-13-2.0	Soil	5/18/2022	X
FB-13-5.0	Soil	5/18/2022	X
FB-13-7.5	Soil	5/18/2022	X
FB-13-10.0	Soil	5/18/2022	X
FB-14-2.5	Soil	5/18/2022	X
FB-14-5.0	Soil	5/18/2022	X
FB-14-10.0	Soil	5/18/2022	X
FB-15-2.5	Soil	5/18/2022	X
FB-15-5.0	Soil	5/18/2022	X
FB-15-7.5	Soil	5/18/2022	X
FB-15-10.0	Soil	5/18/2022	X
FB-16-2.5	Soil	5/18/2022	X
FB-16-5.0	Soil	5/18/2022	X
FB-16-7.5	Soil	5/18/2022	X
FB-16-8.5	Soil	5/18/2022	X
FB-17-2.0	Soil	5/18/2022	X
FB-17-5.0	Soil	5/18/2022	X

Table D-1
Overview of Soil and Wipe Sample Analysis
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Identification	Matrix	Sample Date	Analytical Method
			EPA 8082A PCBs
FB-18-2.5	Soil	5/18/2022	X
FB-18-5.0	Soil	5/18/2022	X
FB-18-7.5	Soil	5/18/2022	X
FB-19-1.5	Soil	5/18/2022	X
FB-19-5.5	Soil	5/18/2022	X
FB-20-2.5	Soil	5/18/2022	X
FB-20-5.0	Soil	5/18/2022	X
FB-26-7.5	Soil	5/18/2022	X
FB-26-8.5	Soil	5/18/2022	X
FB-27-2.5	Soil	5/18/2022	X
FB-27-5.0	Soil	5/18/2022	X
FB-28-2.5	Soil	5/18/2022	X
FB-28-5.0	Soil	5/18/2022	X
FB-21-2.5	Soil	5/18/2022	X
FB-21-5.0	Soil	5/18/2022	X
FB-22-2.5	Soil	5/18/2022	X
FB-22-5.0	Soil	5/18/2022	X
FB-23-2.5	Soil	5/18/2022	X
FB-23-5.0	Soil	5/18/2022	X
FB-23-7.0	Soil	5/18/2022	X
FB-23-8.0	Soil	5/18/2022	X
FB-24-2.5	Soil	5/18/2022	X
FB-24-5.0	Soil	5/18/2022	X
FB-24-7.5	Soil	5/18/2022	X
FB-29-2.5	Soil	5/18/2022	X
FB-34-2.5	Soil	5/18/2022	X
FB-29-5.0	Soil	5/18/2022	X
FB-34-5.0	Soil	5/18/2022	X
FB-32-2.5	Soil	5/18/2022	X
FB-32-5.0	Soil	5/18/2022	X
FB-35-2.0	Soil	5/18/2022	X
FB-30-2.5	Soil	5/18/2022	X
FB-35-5.0	Soil	5/18/2022	X
FB-30-5.0	Soil	5/18/2022	X
FB-33-2.5	Soil	5/18/2022	X
FB-33-5.0	Soil	5/18/2022	X
FB-36-2.5	Soil	5/18/2022	X
FB-31-2.5	Soil	5/18/2022	X
FB-36-5.0	Soil	5/18/2022	X
FB-31-5.0	Soil	5/18/2022	X
FB-25-2.5	Soil	5/19/2022	X
FB-25-5.0	Soil	5/19/2022	X
FB-26-2.5	Soil	5/19/2022	X
FB-26-5.0	Soil	5/19/2022	X

Table D-1
Overview of Soil and Wipe Sample Analysis
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Identification	Matrix	Sample Date	Analytical Method
			EPA 8082A PCBs
Sample Delivery Group 205365			
FB-63-2.5	Soil	5/19/2022	X
FB-63-5.0	Soil	5/19/2022	X
FB-64-2.5	Soil	5/19/2022	X
FB-64-5.0	Soil	5/19/2022	X
FB-65-2.5	Soil	5/19/2022	X
FB-65-5.0	Soil	5/19/2022	X
FB-66-2.5	Soil	5/19/2022	X
FB-66-5.0	Soil	5/19/2022	X
FB-67-2.5	Soil	5/19/2022	X
FB-37-2.5	Soil	5/19/2022	X
FB-67-5.0	Soil	5/19/2022	X
FB-37-5.0	Soil	5/19/2022	X
FB-38-2.5	Soil	5/19/2022	X
FB-38-5.0	Soil	5/19/2022	X
FB-68-2.5	Soil	5/19/2022	X
FB-68-5.0	Soil	5/19/2022	X
FB-39-2.5	Soil	5/19/2022	X
FB-39-5.0	Soil	5/19/2022	X
FB-69-2.5	Soil	5/19/2022	X
FB-69-5.0	Soil	5/19/2022	X
FB-47-2.5	Soil	5/19/2022	X
FB-47-5.0	Soil	5/19/2022	X
FB-40-2.5	Soil	5/19/2022	X
FB-40-5.0	Soil	5/19/2022	X
FB-41-2.5	Soil	5/19/2022	X
FB-41-5.0	Soil	5/19/2022	X
FB-42-2.5	Soil	5/19/2022	X
FB-42-5.0	Soil	5/19/2022	X
FB-43-2.5	Soil	5/19/2022	X
FB-43-5.0	Soil	5/19/2022	X
FB-44-2.5	Soil	5/19/2022	X
FB-44-5.0	Soil	5/19/2022	X
FB-45-2.5	Soil	5/19/2022	X
FB-45-5.0	Soil	5/19/2022	X
FB-46-2.5	Soil	5/19/2022	X
FB-46-5.0	Soil	5/19/2022	X
FB-48-2.5	Soil	5/19/2022	X
FB-48-5.0	Soil	5/19/2022	X
FB-49-2.5	Soil	5/20/2022	X
FB-49-5.0	Soil	5/20/2022	X
FB-50-2.5	Soil	5/20/2022	X
FB-50-5.0	Soil	5/20/2022	X
FB-51-2.5	Soil	5/20/2022	X

Table D-1
Overview of Soil and Wipe Sample Analysis
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Identification	Matrix	Sample Date	Analytical Method
			EPA 8082A PCBs
FB-51-5.0	Soil	5/20/2022	X
FB-52-2.5	Soil	5/20/2022	X
FB-52-5.0	Soil	5/20/2022	X
FB-53-2.5	Soil	5/20/2022	X
FB-53-5.0	Soil	5/20/2022	X
FB-54-2.5	Soil	5/20/2022	X
FB-54-5.0	Soil	5/20/2022	X
FB-55-2.5	Soil	5/20/2022	X
FB-55-5.0	Soil	5/20/2022	X
FB-56-2.5	Soil	5/20/2022	X
FB-56-5.0	Soil	5/20/2022	X
FB-57-2.5	Soil	5/20/2022	X
FB-57-5.0	Soil	5/20/2022	X
FB-58-2.5	Soil	5/20/2022	X
FB-58-5.0	Soil	5/20/2022	X
FB-59-2.5	Soil	5/20/2022	X
FB-59-5.0	Soil	5/20/2022	X
FB-60-2.5	Soil	5/20/2022	X
FB-60-5.0	Soil	5/20/2022	X
FB-61-2.5	Soil	5/20/2022	X
FB-61-5.0	Soil	5/20/2022	X
FB-62-1.5	Soil	5/20/2022	X
Sample Delivery Group 208180			
PCB-AREA2 STRUCTURE 1	Pea Gravel	8/11/2022	X
A3-D1-NSW-2.5	Soil	8/11/2022	X
A3-D2-B-7.5	Soil	8/11/2022	X
A3-C3-NSWB-7.5	Soil	8/11/2022	X
Sample Delivery Group 208202			
A2-CONCRETE-01	Concrete	8/12/2022	X
A2-CONCRETE-02	Concrete	8/12/2022	X
A2-CONCRETE-03	Concrete	8/12/2022	X
A3-BRICK-01	Brick	8/12/2022	X
A3-BRICK-02	Brick	8/12/2022	X
A3-BRICK-03	Brick	8/12/2022	X
A3-CONCRETE-01	Concrete	8/12/2022	X
A3-CONCRETE-02	Concrete	8/12/2022	X
A3-CONCRETE-03	Concrete	8/12/2022	X
Sample Delivery Group 208222			
A3-WIPE-02	Wipe	8/15/2022	X

Table D-1
Overview of Soil and Wipe Sample Analysis
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Identification	Matrix	Sample Date	Analytical Method EPA 8082A PCBs
Sample Delivery Group 208309			
A3-H2-B-8.0	Soil	8/19/2022	X
A3-I1-ESW-5.5	Soil	8/19/2022	X
A3-I2-ESW-5.5	Soil	8/19/2022	X
A3-I3-ESW-5.0	Soil	8/19/2022	X
A3-E5-SSW-5.0	Soil	8/19/2022	X
A3-F5-SSW-5.0	Soil	8/19/2022	X
A3-G5-SSW-7.5	Soil	8/19/2022	X
A3-H5-SSW-7.5	Soil	8/19/2022	X
A3-I4-ESW-5.0	Soil	8/19/2022	X
Sample Delivery Group 208323			
A2-B3-4.0	Soil	8/22/2022	X
A2-STRUCTURE1-7.5	Soil	8/22/2022	X
Sample Delivery Group 208369			
A3-H2-10.0	Soil	8/24/2022	X
A3-I2-ESW2-5.0	Soil	8/24/2022	X
A3-I2-ESW2-7.5	Soil	8/24/2022	X
Sample Delivery Group 208459			
A3-J2-NSW-5.0	Soil	8/30/2022	X
A3-J2-ESW-5.0	Soil	8/30/2022	X
A3-J2-SSW-5.0	Soil	8/30/2022	X

NOTES:

X = denotes sample analyzed by this method.
EPA = U.S. Environmental Protection Agency
PCBs = polychlorinated biphenyls
SDG = Sample Delivery Group

Table D-2
Soil and Wipe Sample Holding Times - EPA Method 8082A
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Delivery Group	Sample Identification	Matrix	Sample Date	Date Extracted	Date Analyzed	Method Holding Time = None[1]	
						Time to Extract (days)	Time to Analyze after Extraction (days)
205333	FB-01-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.6	2.0
205333	FB-01-5.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.6	2.0
205333	FB-02-2.5	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.0
205333	FB-02-5.0	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.1
205333	FB-03-2.5	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.1
205333	FB-03-5.0	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.1
205333	FB-04-2.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.6	2.1
205333	FB-04-5.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.6	2.1
205333	FB-05-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.6	2.1
205333	FB-05-5.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.6	2.1
205333	FB-06-2.0	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.1
205333	FB-06-5.0	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.1
205333	FB-06-10.0	Soil	5/18/2022	5/26/2022	5/27/2022	7.6	1.6
205333	FB-07-2.5	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.1
205333	FB-07-5.0	Soil	5/18/2022	5/20/2022	5/24/2022	1.6	4.2
205333	FB-08-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.5	2.1
205333	FB-08-5.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.5	2.1
205333	FB-09-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.5	2.2
205333	FB-09-5.0	Soil	5/18/2022	5/25/2022	5/27/2022	6.5	2.2
205333	FB-10-2.5	Soil	5/18/2022	5/20/2022	5/24/2022	1.5	4.2
205333	FB-10-5.0	Soil	5/18/2022	5/20/2022	5/24/2022	1.5	4.2
205333	FB-11-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.5	2.2
205333	FB-11-5.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.5	2.2
205333	FB-12-2.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.5	2.2
205333	FB-12-5.0	Soil	5/18/2022	5/25/2022	5/27/2022	6.5	2.2
205333	FB-12-10.0	Soil	5/18/2022	5/26/2022	5/27/2022	7.5	1.6
205333	FB-13-2.0	Soil	5/18/2022	5/20/2022	5/24/2022	1.5	4.2
205333	FB-13-5.0	Soil	5/18/2022	5/20/2022	5/25/2022	1.5	5.9
205333	FB-13-7.5	Soil	5/18/2022	5/25/2022	5/27/2022	6.5	2.3
205333	FB-13-10.0	Soil	5/18/2022	5/26/2022	5/27/2022	7.4	1.6
205333	FB-14-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.4	2.3
205333	FB-14-5.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.4	2.3
205333	FB-14-10.0	Soil	5/18/2022	5/26/2022	5/27/2022	7.4	1.6
205333	FB-15-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.4	2.3
205333	FB-15-5.0	Soil	5/18/2022	5/25/2022	5/27/2022	6.4	2.3
205333	FB-15-7.5	Soil	5/18/2022	5/31/2022	5/31/2022	12.4	0.7
205333	FB-15-10.0	Soil	5/18/2022	5/31/2022	5/31/2022	12.4	0.8
205333	FB-16-2.5	Soil	5/18/2022	5/25/2022	5/27/2022	6.4	2.2
205333	FB-16-5.0	Soil	5/18/2022	5/25/2022	5/27/2022	6.4	2.3
205333	FB-16-7.5	Soil	5/18/2022	5/31/2022	6/2/2022	12.4	2.1
205333	FB-16-8.5	Soil	5/18/2022	5/31/2022	6/2/2022	12.4	2.1
205333	FB-17-2.0	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	1.8
205333	FB-17-5.0	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	1.8
205333	FB-18-2.5	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	1.8
205333	FB-18-5.0	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	1.9
205333	FB-18-7.5	Soil	5/18/2022	5/31/2022	5/31/2022	12.4	0.8
205333	FB-19-1.5	Soil	5/18/2022	5/26/2022	5/27/2022	7.4	1.7
205333	FB-19-5.5	Soil	5/18/2022	5/26/2022	5/27/2022	7.4	1.7
205333	FB-20-2.5	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	1.9
205333	FB-20-5.0	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	1.9
205333	FB-26-7.5	Soil	5/18/2022	6/3/2022	6/3/2022	15.4	0.7
205333	FB-26-8.5	Soil	5/18/2022	6/3/2022	6/3/2022	15.4	0.7
205333	FB-27-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.4	2.1

Table D-2
Soil and Wipe Sample Holding Times - EPA Method 8082A
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Delivery Group	Sample Identification	Matrix	Sample Date	Date Extracted	Date Analyzed	Method Holding Time = None[1]	
						Time to Extract (days)	Time to Analyze after Extraction (days)
205333	FB-27-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.4	1.8
205333	FB-28-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.4	2.1
205333	FB-28-5.0	Soil	5/18/2022	5/24/2022	5/26/2022	5.4	2.1
205333	FB-21-2.5	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	2.0
205333	FB-21-5.0	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	2.0
205333	FB-22-2.5	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	2.0
205333	FB-22-5.0	Soil	5/18/2022	5/24/2022	5/25/2022	5.4	2.0
205333	FB-23-2.5	Soil	5/18/2022	5/26/2022	5/27/2022	7.3	1.7
205333	FB-23-5.0	Soil	5/18/2022	5/20/2022	5/25/2022	1.3	5.9
205333	FB-23-7.0	Soil	5/18/2022	5/25/2022	6/3/2022	6.3	9.0
205333	FB-23-8.0	Soil	5/18/2022	5/26/2022	5/27/2022	7.3	1.6
205333	FB-24-2.5	Soil	5/18/2022	5/24/2022	5/26/2022	5.3	2.0
205333	FB-24-5.0	Soil	5/18/2022	5/20/2022	5/25/2022	1.3	6.0
205333	FB-24-7.5	Soil	5/18/2022	5/25/2022	5/27/2022	6.3	2.2
205333	FB-29-2.5	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.8
205333	FB-34-2.5	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	2.0
205333	FB-29-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.8
205333	FB-34-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	2.0
205333	FB-32-2.5	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.9
205333	FB-32-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.9
205333	FB-35-2.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	2.0
205333	FB-30-2.5	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.8
205333	FB-35-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	2.0
205333	FB-30-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.8
205333	FB-33-2.5	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.9
205333	FB-33-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.9
205333	FB-36-2.5	Soil	5/18/2022	5/23/2022	5/25/2022	4.3	2.0
205333	FB-31-2.5	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.9
205333	FB-36-5.0	Soil	5/18/2022	5/23/2022	5/25/2022	4.3	2.0
205333	FB-31-5.0	Soil	5/18/2022	5/23/2022	5/24/2022	4.3	1.9
205333	FB-25-2.5	Soil	5/19/2022	5/23/2022	5/24/2022	3.7	1.7
205333	FB-25-5.0	Soil	5/19/2022	5/23/2022	5/24/2022	3.7	1.7
205333	FB-26-2.5	Soil	5/19/2022	5/24/2022	5/26/2022	4.6	2.1
205333	FB-26-5.0	Soil	5/19/2022	5/20/2022	5/25/2022	0.6	6.0
205365	FB-63-2.5	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.8
205365	FB-63-5.0	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.7
205365	FB-64-2.5	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.7
205365	FB-64-5.0	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.8
205365	FB-65-2.5	Soil	5/19/2022	5/26/2022	6/1/2022	6.5	6.0
205365	FB-65-5.0	Soil	5/19/2022	5/26/2022	6/1/2022	6.5	6.0
205365	FB-66-2.5	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.8
205365	FB-66-5.0	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.8
205365	FB-67-2.5	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.8
205365	FB-37-2.5	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.8
205365	FB-67-5.0	Soil	5/19/2022	5/24/2022	5/25/2022	4.5	1.8
205365	FB-37-5.0	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.8
205365	FB-38-2.5	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.8
205365	FB-38-5.0	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.9
205365	FB-68-2.5	Soil	5/19/2022	5/26/2022	6/1/2022	6.5	6.1
205365	FB-68-5.0	Soil	5/19/2022	5/26/2022	6/1/2022	6.5	6.1
205365	FB-39-2.5	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.9
205365	FB-39-5.0	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.9
205365	FB-69-2.5	Soil	5/19/2022	5/26/2022	6/1/2022	6.5	6.1

Table D-2
Soil and Wipe Sample Holding Times - EPA Method 8082A
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Delivery Group	Sample Identification	Matrix	Sample Date	Date Extracted	Date Analyzed	Method Holding Time = None[1]	
						Time to Extract (days)	Time to Analyze after Extraction (days)
205365	FB-69-5.0	Soil	5/19/2022	5/26/2022	6/1/2022	6.5	6.1
205365	FB-47-2.5	Soil	5/19/2022	5/25/2022	5/27/2022	5.5	2.1
205365	FB-47-5.0	Soil	5/19/2022	5/25/2022	5/27/2022	5.5	2.1
205365	FB-40-2.5	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.9
205365	FB-40-5.0	Soil	5/19/2022	5/25/2022	5/26/2022	5.5	1.9
205365	FB-41-2.5	Soil	5/19/2022	5/25/2022	5/26/2022	5.4	1.9
205365	FB-41-5.0	Soil	5/19/2022	5/25/2022	5/26/2022	5.4	2.0
205365	FB-42-2.5	Soil	5/19/2022	5/25/2022	5/26/2022	5.4	2.0
205365	FB-42-5.0	Soil	5/19/2022	5/25/2022	5/26/2022	5.4	2.0
205365	FB-43-2.5	Soil	5/19/2022	5/25/2022	5/26/2022	5.4	2.0
205365	FB-43-5.0	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.0
205365	FB-44-2.5	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.0
205365	FB-44-5.0	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.1
205365	FB-45-2.5	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.1
205365	FB-45-5.0	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.1
205365	FB-46-2.5	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.1
205365	FB-46-5.0	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.1
205365	FB-48-2.5	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.1
205365	FB-48-5.0	Soil	5/19/2022	5/25/2022	5/27/2022	5.4	2.2
205365	FB-49-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.6
205365	FB-49-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.6
205365	FB-50-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.7
205365	FB-50-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.7
205365	FB-51-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.7
205365	FB-51-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.7
205365	FB-52-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.7
205365	FB-52-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.7	6.7
205365	FB-53-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-53-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-54-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-54-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-55-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-55-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-56-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-56-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.8
205365	FB-57-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.9
205365	FB-57-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.9
205365	FB-58-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.9
205365	FB-58-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.9
205365	FB-59-2.5	Soil	5/20/2022	5/26/2022	5/31/2022	5.6	6.0
205365	FB-59-5.0	Soil	5/20/2022	5/26/2022	5/31/2022	5.6	6.0
205365	FB-60-2.5	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.0
205365	FB-60-5.0	Soil	5/20/2022	5/26/2022	6/1/2022	5.6	6.0
205365	FB-61-2.5	Soil	5/20/2022	5/24/2022	5/25/2022	3.6	1.7
205365	FB-61-5.0	Soil	5/20/2022	5/24/2022	5/25/2022	3.6	1.7
205365	FB-62-1.5	Soil	5/20/2022	5/24/2022	5/25/2022	3.6	1.7
208180	PCB-AREA2 STRUCTURE 1	Pea Gravel	8/11/2022	8/12/2022	8/12/2022	0.6	0.8
208180	A3-D1-NSW-2.5	Soil	8/11/2022	8/12/2022	8/12/2022	0.5	0.8
208180	A3-D2-B-7.5	Soil	8/11/2022	8/12/2022	8/12/2022	0.5	0.8
208180	A3-C3-NSWB-7.5	Soil	8/11/2022	8/12/2022	8/12/2022	0.4	0.8
208202	A2-CONCRETE-01	Concrete	8/12/2022	8/15/2022	8/15/2022	2.6	0.6
208202	A2-CONCRETE-02	Concrete	8/12/2022	8/15/2022	8/15/2022	2.6	0.7
208202	A2-CONCRETE-03	Concrete	8/12/2022	8/15/2022	8/15/2022	2.5	0.7

Table D-2
Soil and Wipe Sample Holding Times - EPA Method 8082A
8801 East Marginal Way South
Tukwila, Washington
Farallon PN: 1353-001

Sample Delivery Group	Sample Identification	Matrix	Sample Date	Date Extracted	Date Analyzed	Method Holding Time = None[1]	
						Time to Extract (days)	Time to Analyze after Extraction (days)
208202	A3-BRICK-01	Brick	8/12/2022	8/15/2022	8/16/2022	2.5	1.7
208202	A3-BRICK-02	Brick	8/12/2022	8/15/2022	8/16/2022	2.5	1.7
208202	A3-BRICK-03	Brick	8/12/2022	8/15/2022	8/16/2022	2.5	1.8
208202	A3-CONCRETE-01	Concrete	8/12/2022	8/15/2022	8/17/2022	2.5	2.9
208202	A3-CONCRETE-02	Concrete	8/12/2022	8/15/2022	8/15/2022	2.4	0.8
208202	A3-CONCRETE-03	Concrete	8/12/2022	8/15/2022	8/15/2022	2.4	0.8
208222	A3-WIPE-02	Wipe	8/15/2022	8/16/2022	8/16/2022	0.4	0.7
208309	A3-H2-B-8.0	Soil	8/19/2022	8/22/2022	8/22/2022	2.7	0.7
208309	A3-I1-ESW-5.5	Soil	8/19/2022	8/22/2022	8/22/2022	2.7	0.7
208309	A3-I2-ESW-5.5	Soil	8/19/2022	8/22/2022	8/22/2022	2.6	0.7
208309	A3-I3-ESW-5.0	Soil	8/19/2022	8/22/2022	8/22/2022	2.6	0.7
208309	A3-E5-SSW-5.0	Soil	8/19/2022	8/22/2022	8/22/2022	2.6	0.8
208309	A3-F5-SSW-5.0	Soil	8/19/2022	8/22/2022	8/22/2022	2.6	0.8
208309	A3-G5-SSW-7.5	Soil	8/19/2022	8/22/2022	8/22/2022	2.5	0.8
208309	A3-H5-SSW-7.5	Soil	8/19/2022	8/22/2022	8/22/2022	2.4	0.8
208309	A3-I4-ESW-5.0	Soil	8/19/2022	8/22/2022	8/22/2022	2.4	0.8
208323	A2-B3-4.0	Soil	8/22/2022	8/23/2022	8/23/2022	0.5	0.5
208323	A2-STRUCTURE1-7.5	Soil	8/22/2022	8/23/2022	8/23/2022	0.5	0.5
208369	A3-H2-10.0	Soil	8/24/2022	8/25/2022	8/25/2022	0.6	0.8
208369	A3-I2-ESW2-5.0	Soil	8/24/2022	8/25/2022	8/26/2022	0.6	1.5
208369	A3-I2-ESW2-7.5	Soil	8/24/2022	8/25/2022	8/25/2022	0.6	0.8
208459	A3-J2-NSW-5.0	Soil	8/30/2022	8/30/2022	8/30/2022	0.3	0.2
208459	A3-J2-ESW-5.0	Soil	8/30/2022	8/30/2022	8/30/2022	0.3	0.2
208459	A3-J2-SSW-5.0	Soil	8/30/2022	8/30/2022	8/30/2022	0.3	0.2

NOTES:

[1]No recommended holding time has been established for soil samples analyzed by U.S. Environmental Protection Agency (EPA) Method 8082A (polychlorinated biphenyls) per the method. The typical default for soil is 14 days to extract, and 40 days to analyze after extraction.

APPENDIX Q: EMAIL FROM EPA REGION 10 PCB COORDINATOR

Appendix Q

Email from EPA Region 10 PCB Coordinator

From:	Feldhahn, Brett
To:	Peter Kingston
Subject:	RE: PCB Cleanup Report - CenterPoint Properties Site, 8801 East Marginal Way South, Tukwila, Washington
Date:	Friday, August 18, 2023 9:30:37 AM
Attachments:	image001.png

Hi Pete,

I reviewed the Cleanup Completion Report in February and determined that this cleanup fulfilled the approval conditions and met the requirements for self-implementing on-site cleanup and disposal of PCB remediation waste pursuant to 40 CFR 761.61(a).

Have a good weekend.

Thank you,
Brett

Brett Feldhahn, PCB Coordinator
U.S. Environmental Protection Agency | Region 10
☎ (206) 553-2899 | feldhahn.brett@epa.gov

From: Peter Kingston <pkingston@farallonconsulting.com>
Sent: Friday, August 18, 2023 8:40 AM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Subject: RE: PCB Cleanup Report - CenterPoint Properties Site, 8801 East Marginal Way South, Tukwila, Washington

Hi Brett,

I wanted to follow up on this. Have you had a chance to review?

Pete Kingston
Principal Geologist
Phone 206-200-2346

From: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Sent: Tuesday, January 31, 2023 10:29 AM
To: Peter Kingston <pkingston@farallonconsulting.com>
Cc: Fisher, Bridget <bfisher@centerpoint.com>; jlass@centerpoint.com; brian.haderlie@PACCAR.com; Meg Strong <Meg.Strong@shanwil.com>
Subject: RE: PCB Cleanup Report - CenterPoint Properties Site, 8801 East Marginal Way South, Tukwila, Washington

Pete,

Received. Thank you. I will reach out with any questions.

Best,
Brett

Brett Feldhahn, PCB Coordinator
U.S. Environmental Protection Agency | Region 10
☎ (206) 553-2899 | feldhahn.brett@epa.gov

From: Peter Kingston <pkingston@farallonconsulting.com>
Sent: Tuesday, January 31, 2023 5:44 AM
To: Feldhahn, Brett <Feldhahn.Brett@epa.gov>
Cc: Fisher, Bridget <bfisher@centerpoint.com>; jlass@centerpoint.com; brian.haderlie@PACCAR.com; Meg Strong <Meg.Strong@shanwil.com>
Subject: PCB Cleanup Report - CenterPoint Properties Site, 8801 East Marginal Way South, Tukwila, Washington

Brett,

Attached please find the Cleanup Completion Report for PCB remediation waste at 8801 East Marginal Way South in Tukwila, Washington. Please don't hesitate to reach out with any questions.

Thank you,
Pete

Pete Kingston, Principal Geologist
Farallon Consulting | 1809 7th Ave, Suite 1111 | Seattle, WA 98101
D: 425-394-4146 | C: 206-200-2346 | Bio | LinkedIn

IMPORTANT INFORMATION

Important Information

About Your Geotechnical/Environmental Report

IMPORTANT INFORMATION

CONSULTNG SERVICES ARE PERFORMED FOR SPECIFIC PURPOSES AND FOR SPECIFIC CLIENTS.

Consultants prepare reports to meet the specific needs of specific individuals. A report prepared for a civil engineer may not be adequate for a construction contractor or even another civil engineer. Unless indicated otherwise, your consultant prepared your report expressly for you and expressly for the purposes you indicated. No one other than you should apply this report for its intended purpose without first conferring with the consultant. No party should apply this report for any purpose other than that originally contemplated without first conferring with the consultant.

THE CONSULTANT'S REPORT IS BASED ON PROJECT-SPECIFIC FACTORS.

A geotechnical/environmental report is based on a subsurface exploration plan designed to consider a unique set of project-specific factors. Depending on the project, these may include the general nature of the structure and property involved; its size and configuration; its historical use and practice; the location of the structure on the site and its orientation; other improvements such as access roads, parking lots, and underground utilities; and the additional risk created by scope of service limitations imposed by the client. To help avoid costly problems, ask the consultant to evaluate how any factors that change subsequent to the date of the report may affect the recommendations. Unless your consultant indicates otherwise, your report should not be used (1) when the nature of the proposed project is changed (for example, if an office building will be erected instead of a parking garage, or if a refrigerated warehouse will be built instead of an unrefrigerated one, or chemicals are discovered on or near the site); (2) when the size, elevation, or configuration of the proposed project is altered; (3) when the location or orientation of the proposed project is modified; (4) when there is a change of ownership; or (5) for application to an adjacent site. Consultants cannot accept responsibility for problems that may occur if they are not consulted after factors that were considered in the development of the report have changed.

SUBSURFACE CONDITIONS CAN CHANGE.

Subsurface conditions may be affected as a result of natural processes or human activity. Because a geotechnical/environmental report is based on conditions that existed at the time of subsurface exploration, construction decisions should not be based on a report whose adequacy may have been affected by time. Ask the consultant to advise if additional tests are desirable before construction starts; for example, groundwater conditions commonly vary seasonally.

Construction operations at or adjacent to the site and natural events such as floods, earthquakes, or groundwater fluctuations may also affect subsurface conditions and, thus, the continuing adequacy of a geotechnical/environmental report. The consultant should be kept apprised of any such events and should be consulted to determine if additional tests are necessary.

MOST RECOMMENDATIONS ARE PROFESSIONAL JUDGMENTS.

Site exploration and testing identifies actual surface and subsurface conditions only at those points where samples are taken. The data were extrapolated by your consultant, who then applied judgment to render an opinion about overall subsurface conditions. The actual interface between materials may be far more gradual or abrupt than your report indicates. Actual conditions in areas not sampled may differ from those predicted in your report. While nothing can be done to prevent such situations, you and your consultant can work together to help reduce their impacts. Retaining

IMPORTANT INFORMATION

your consultant to observe subsurface construction operations can be particularly beneficial in this respect.

A REPORT'S CONCLUSIONS ARE PRELIMINARY.

The conclusions contained in your consultant's report are preliminary, because they must be based on the assumption that conditions revealed through selective exploratory sampling are indicative of actual conditions throughout a site. Actual subsurface conditions can be discerned only during earthwork; therefore, you should retain your consultant to observe actual conditions and to provide conclusions. Only the consultant who prepared the report is fully familiar with the background information needed to determine whether or not the report's recommendations based on those conclusions are valid and whether or not the contractor is abiding by applicable recommendations. The consultant who developed your report cannot assume responsibility or liability for the adequacy of the report's recommendations if another party is retained to observe construction.

THE CONSULTANT'S REPORT IS SUBJECT TO MISINTERPRETATION.

Costly problems can occur when other design professionals develop their plans based on misinterpretation of a geotechnical/environmental report. To help avoid these problems, the consultant should be retained to work with other project design professionals to explain relevant geotechnical, geological, hydrogeological, and environmental findings, and to review the adequacy of their plans and specifications relative to these issues.

BORING LOGS AND/OR MONITORING WELL DATA SHOULD NOT BE SEPARATED FROM THE REPORT.

Final boring logs developed by the consultant are based upon interpretation of field logs (assembled by site personnel), field test results, and laboratory and/or office evaluation of field samples and data. Only final boring logs and data are customarily included in geotechnical/environmental reports. These final logs should not, under any circumstances, be redrawn for inclusion in architectural or other design drawings, because drafters may commit errors or omissions in the transfer process.

To reduce the likelihood of boring log or monitoring well misinterpretation, contractors should be given ready access to the complete geotechnical engineering/environmental report prepared or authorized for their use. If access is provided only to the report prepared for you, you should advise contractors of the report's limitations, assuming that a contractor was not one of the specific persons for whom the report was prepared, and that developing construction cost estimates was not one of the specific purposes for which it was prepared. While a contractor may gain important knowledge from a report prepared for another party, the contractor should discuss the report with your consultant and perform the additional or alternative work believed necessary to obtain the data specifically appropriate for construction cost estimating purposes. Some clients hold the mistaken impression that simply disclaiming responsibility for the accuracy of subsurface information always insulates them from attendant liability. Providing the best available information to contractors helps

prevent costly construction problems and the adversarial attitudes that aggravate them to a disproportionate scale.

READ RESPONSIBILITY CLAUSES CLOSELY.

Because geotechnical/environmental engineering is based extensively on judgment and opinion, it is far less exact than other design disciplines. This situation has resulted in wholly unwarranted claims being lodged against consultants. To help prevent this problem, consultants have developed a number of clauses for use in their contracts, reports, and other documents. These responsibility clauses are not exculpatory clauses designed to transfer the consultant's liabilities to other parties; rather, they are definitive clauses that identify where the consultant's responsibilities begin and end. Their use helps all parties involved recognize their individual responsibilities and take appropriate action. Some of these definitive clauses are likely to appear in your report, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to your questions.

The preceding paragraphs are based on information provided by the ASFE/Association of Engineering Firms Practicing in the Geosciences, Silver Spring, Maryland

IMPORTANT INFORMATION