FARALLON CONSULTING

Washington
Issaquah | Bellingham | Seattle
Oregon
Portland | Baker City
California
Oakland | Irvine

T E C H N I C A L M E M O R A N D U M

TO: Grant Yang – Washington State Department of Ecology

cc: Brett Richer – Georgetown Crossroads, LLC

FROM: Pete Kingston, L.G., Principal Geologist

DATE: May 23, 2022

RE: **SUMMARY OF JANUARY AND APRIL 2022 COMPLIANCE GROUNDWATER MONITORING EVENTS**
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON
FARALLON PN: 1071-010
VCP PROJECT NO.: NW3050

Farallon Consulting, L.L.C. (Farallon) has prepared this Technical Memorandum on behalf of Georgetown Crossroads, LLC to provide the Washington State Department of Ecology (Ecology) with documentation of the January and April 2022 compliance groundwater monitoring events for the property at 6050 East Marginal Way South in Seattle, Washington (herein referred to as the Property) (Figure 1).

The "Site," as defined under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA), is confined within the boundaries of the Property where petroleum hydrocarbons have come to be located at concentrations exceeding applicable MTCA cleanup levels. Vinyl chloride in groundwater has migrated onto the Property from up-gradient off-Property contaminant sources. The Site is enrolled in the Ecology Voluntary Cleanup Program and has been assigned Project No. NW3050.

Redevelopment of the Property began in June 2017 for construction of a three-floor industrial warehouse with a total of approximately 590,000 square feet of space; and associated ramps, driveways, loading and unloading areas, and parking. A cleanup action was completed in conjunction with Property redevelopment in accordance with a Cleanup Action Plan[1] and an

[1] *Remedial Investigation, Focused Feasibility Study, and Cleanup Action Plan, 6050 East Marginal Way South Property, Seattle, Washington* dated February 11, 2016 prepared by Farallon.

Environmental Media Management Plan.[2] The permanent cleanup action was documented in a Cleanup Action Report.[3] Ecology reviewed the Cleanup Action Report and provided a 2018 Opinion Letter[4] indicating that the Site likely would be granted a No Further Action determination if compliance groundwater monitoring wells were installed at the Site and four quarters of groundwater compliance monitoring demonstrated that groundwater impacts at the Site had been remediated to concentrations less than applicable MTCA cleanup levels. In addition, Ecology requested the installation of an additional compliance groundwater monitoring well to evaluate the potential migration of vinyl chloride from off-Property contaminant sources located up-gradient of the Site.

Between December 2018 and November 2020, seven compliance groundwater monitoring events were conducted at the Site. Groundwater monitoring events included measuring depth to groundwater and collecting groundwater samples from the compliance monitoring well network consisting of monitoring wells MW-15 through MW-22. Compliance groundwater monitoring was documented in an April 2021 Technical Memorandum.[5]

Ecology reviewed the April 2021 Technical Memorandum and provided the 2021 Opinion Letter,[6] which included comments and requests for additional information concerning the Property. Farallon provided responses to Ecology's 2021 Opinion Letter in an October 2021 Technical Memorandum.[7]

In a series of emails between Grant Yang of Ecology and Pete Kingston of Farallon on January 11, 2022,[8] Ecology concurred with the October 2021 Technical Memorandum that vinyl chloride in groundwater has migrated onto the Property from up-gradient off-Property contaminant sources and that the groundwater to surface water pathway is incomplete for the Site. However, Ecology requested additional groundwater monitoring to support a No Further Action determination. Farallon provided Ecology with a scope of work for additional compliance groundwater

[2] *Environmental Media Management Plan, 6050 East Marginal Way South Property, Seattle, Washington* dated February 11, 2016 prepared by Farallon.
[3] *Cleanup Action Closure Report, 6050 East Marginal Way South, Seattle, Washington* dated July 25, 2018 prepared by Farallon.
[4] Letter Regarding Opinion on Proposed Cleanup of the Following Site: Site Name: Consolidated Freightways Seattle, Site Address: 6050 E. Marginal Way, Seattle, WA 98108, Facility/Site No.: 54757868, VCP Project No.: NW3050 dated October 9, 2018 from Grant Yang of Ecology to Janet Frentzel of Georgetown Crossroads, LLC.
[5] Technical Memorandum Regarding the Summary of Compliance Monitoring Well Installation and Groundwater Compliance Monitoring Results, 6050 East Marginal Way South, Seattle, Washington dated April 6, 2021 from Pete Kingston and Scott Allin of Farallon to Grant Yang of Ecology.
[6] Letter Regarding Opinion Pursuant to WAC 173-340-515(5) on Remedial Action for the following Hazardous Waste Site: Site Name: Consolidated Freightways Seattle; Site Address: 6050 E. Marginal Way, Seattle, WA 98108; Facility/Site No.: 54757868; Cleanup Site ID No.: 6262; VCP Project No.: NW3050 dated July 15, 2021 from Grant Yang of Ecology to Brett Richer of Georgetown Crossroads, LLC.
[7] Technical Memorandum Regarding Response to Ecology Opinion Letter dated July 15, 2021, 6050 East Marginal Way South, Seattle, Washington dated October 7, 2021 from Pete Kingston and Scott Allin of Farallon to Grant Yang of Ecology.
[8] Email Thread Regarding Issue Remained at Conventional Freightways Seattle and Response to Ecology Comments - VCP NW3050 dated January 11, 2022 from Grant Yang of Ecology to Pete Kingston of Farallon.

monitoring, which included collection of groundwater samples from all compliance groundwater monitoring wells in January 2022, and from a subset of monitoring wells in April 2022. Ecology approved the proposed scope of work via email on January 11, 2022.

2022 GROUNDWATER MONITORING EVENTS

The compliance groundwater monitoring events were conducted in January and April 2022 in accordance with the scope of work approved by Ecology. The January 2022 groundwater monitoring event included measuring depth to groundwater and collecting groundwater samples from monitoring wells MW-15 through MW-22. The April 2022 groundwater monitoring event included measuring depth to groundwater from monitoring wells MW-15 through MW-22 and collecting groundwater samples from monitoring wells MW-19 through MW-21.

Purging and sampling were conducted in accordance with U.S. Environmental Protection Agency low-flow sampling procedures. Following purging, groundwater samples were collected directly from the pump outlet tubing upstream of the flow-through cell and placed into laboratory prepared sample containers. The sample containers were placed in an iced cooler and transported under standard chain-of-custody protocols to Apex Laboratories, LLC of Tigard, Oregon for laboratory analysis for total petroleum hydrocarbons as diesel-range organics and as oil-range organics (DRO and ORO, respectively) by Northwest Method NWTPH-Dx.

RESULTS

Tables 1 and 2 provide updated groundwater elevations and analytical results. Figures 2 and 3 show updated contours and analytical results. Laboratory analytical reports are included in Attachment A.

During the compliance groundwater monitoring events, shallow groundwater was encountered at depths ranging from approximately 5 to 9.5 feet below ground surface. Synoptic depth-to-groundwater measurements from the monitoring wells on the Property and corresponding calculated groundwater elevations are provided in Table 1. Based on groundwater contours developed using the synoptic measurements, the interpreted groundwater flow direction of the shallow groundwater-bearing zone is toward the southwest (Figure 2).

Figure 3 and Table 2 include the sum of DRO and ORO analyzed using Ecology Method NWTPH-Dx (herein referred to collectively as NWTPH-Dx). NWTPH-Dx concentrations were less than the applicable MTCA Method A cleanup level in groundwater samples collected from all monitoring wells during compliance groundwater monitoring events conducted in January and April 2022. The complete analytical laboratory reports are provided in Attachment A.

The results from the January and April 2022 compliance groundwater monitoring events confirm that groundwater meets the cleanup standards for the Site.

CLOSING

Farallon, on behalf of Georgetown Crossroads, LLC, requests that Ecology issue a No Further Action determination for the Site.

If you have questions or require additional information, please contact Pete Kingston at (425) 394-4146. Thank you in advance for your assistance with this project.

Attachments: Figure 1, *Site Vicinity Map*
Figure 2, *Groundwater Flow Direction, April 11, 2022*
Figure 3, *Groundwater Analytical Results for NWTPH-Dx*
Table 1, *Groundwater Elevations*
Table 2, *Groundwater Analytical Results for NWTPH-Dx*
Attachment A, Laboratory Analytical Reports

PK:eh

FIGURES

SUMMARY OF JANUARY AND APRIL 2022 COMPLIANCE
GROUNDWATER MONITORING EVENTS
6050 East Marginal Way South
Seattle, Washington

Farallon PN: 1071-010

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

0 5,000
SCALE IN FEET

N

FARALLON CONSULTING

Your Challenges. Our Priority. | farallonconsulting.com

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

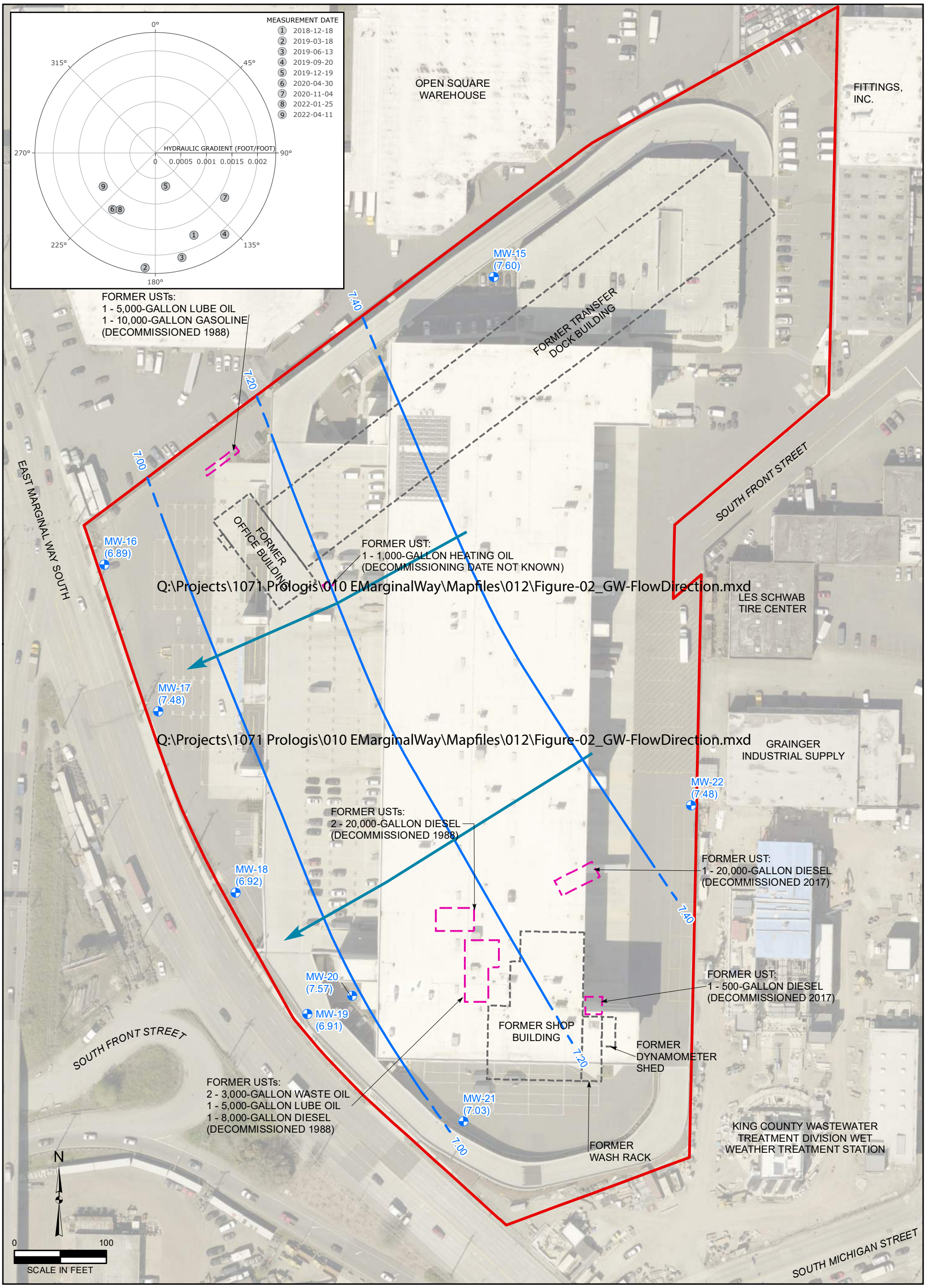
California
Oakland | Irvine

FIGURE 1

SITE VICINITY MAP
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: vpehlivan Checked By: PK Date: 5/4/2022 Disc Reference:
Path: Q:\Projects\1071 Prologis\010 EMarginalWay\Mapfiles\012\Figure-01_SiteVicinityMap.mxd



LEGEND

- MONITORING WELL (FARALLON, 2018)
- FORMER BUILDING
- FORMER UNDERGROUND STORAGE TANK(s) (UST)
- PROPERTY BOUNDARY
- INFERRED GROUNDWATER FLOW DIRECTION
- 7.50 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (6.89) GROUNDWATER ELEVATION IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988

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

FARALLON CONSULTING

Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

Your Challenges. Our Priority. | farallonconsulting.com

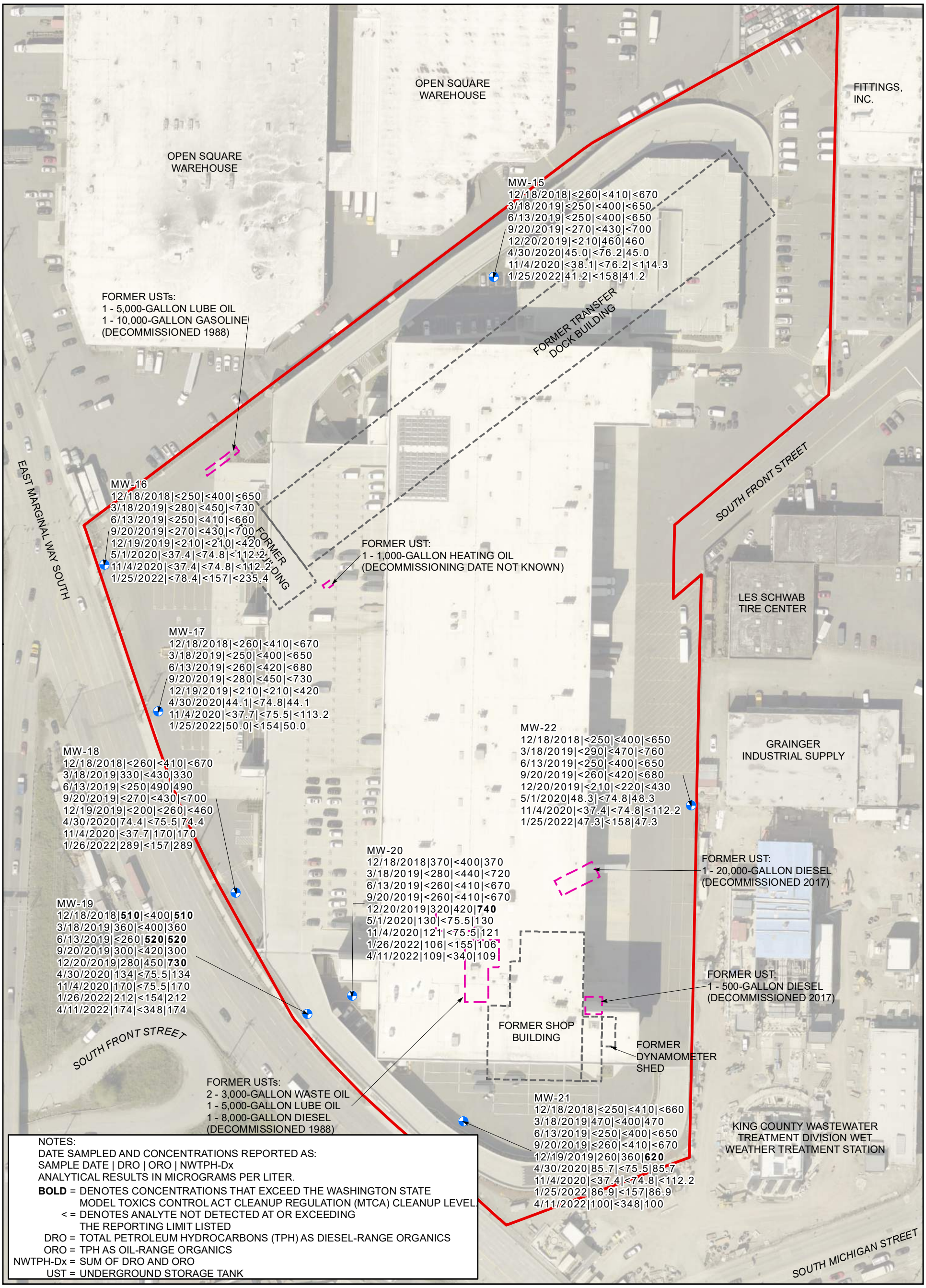
FIGURE 3

GROUNDWATER FLOW DIRECTION
APRIL 11, 2022
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: vpehlivan | Checked By: PK | Date: 5/18/2022 | Disc Reference:

Path: Q:\Projects\1071 Prologis\010 EMarginalWay\Mapfiles\012\Figure-02_GW-FlowDirection.mxd



NOTES:
DATE SAMPLED AND CONCENTRATIONS REPORTED AS:
SAMPLE DATE | DRO | ORO | NWTPH-Dx
ANALYTICAL RESULTS IN MICROGRAMS PER LITER.
BOLD = DENOTES CONCENTRATIONS THAT EXCEED THE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) CLEANUP LEVEL.
< = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE REPORTING LIMIT LISTED
DRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS
ORO = TPH AS OIL-RANGE ORGANICS
NWTPH-Dx = SUM OF DRO AND ORO
UST = UNDERGROUND STORAGE TANK

LEGEND

- MONITORING WELL (FARALLON, 2018)
- FORMER BUILDING
- FORMER UST(s)
- PROPERTY BOUNDARY

0 100
SCALE IN FEET

N

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 3

GROUNDWATER ANALYTICAL RESULTS
FOR NWTPH-DX
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: vpehlivan | Checked By: PK | Date: 5/18/2022 | Disc Reference:

Path: Q:\Projects\1071 Prologis\010 EMarginalWay\Mapfiles\012\Figure-03_GW-DRO-ORO.mxd

TABLES

SUMMARY OF JANUARY AND APRIL 2022 COMPLIANCE
GROUNDWATER MONITORING EVENTS
6050 East Marginal Way South
Seattle, Washington

Farallon PN: 1071-010

Table 1
Groundwater Elevations
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Location	Top of Casing Elevation (feet NAVD88)[1]	Monitoring Date	Depth to Water (feet)[2]	Water Level Elevation (feet NAVD88)[1]
MW-15	16.17	12/18/2018	9.39	6.78
		3/18/2019	9.58	6.59
		6/13/2019	10.92	5.25
		9/20/2019	10.92	5.25
		12/19/2019	9.53	6.64
		4/30/2020	9.34	6.83
		11/4/2020	9.30	6.87
		1/25/2022	8.28	7.89
		4/11/2022	8.57	7.60
MW-16	15.44	12/18/2018	8.66	6.78
		3/18/2019	9.38	6.06
		6/13/2019	11.23	4.21
		9/20/2019	10.32	5.12
		12/19/2019	8.55	6.89
		4/30/2020	9.15	6.29
		11/4/2020	8.47	6.97
		1/25/2022	7.87	7.57
		4/11/2022	8.55	6.89
MW-17	15.40	12/18/2018	8.76	6.64
		3/18/2019	9.85	5.55
		6/13/2019	10.49	4.91
		9/20/2019	10.69	4.71
		12/19/2019	8.81	6.59
		4/30/2020	9.15	6.25
		11/4/2020	6.82	8.58
		1/25/2022	7.01	8.39
		4/11/2022	7.92	7.48
MW-18	16.06	12/18/2018	9.84	6.22
		3/18/2019	10.42	5.64
		6/13/2019	11.88	4.18
		9/20/2019	11.67	4.39
		12/19/2019	9.65	6.41
		4/30/2020	10.13	5.93
		11/4/2020	9.45	6.61
		1/25/2022	8.88	7.18
		4/11/2022	9.14	6.92

Table 1
Groundwater Elevations
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Location	Top of Casing Elevation (feet NAVD88)[1]	Monitoring Date	Depth to Water (feet)[2]	Water Level Elevation (feet NAVD88)[1]
MW-19	14.30	12/18/2018	8.31	5.99
		3/18/2019	8.95	5.35
		6/13/2019	10.53	3.77
		9/20/2019	8.80	5.50
		12/19/2019	8.08	6.22
		4/30/2020	8.51	5.79
		11/4/2020	7.89	6.41
		1/25/2022	7.30	7.00
		4/11/2022	7.39	6.91
MW-20	12.93	12/18/2018	7.04	5.89
		3/18/2019	8.64	4.29
		6/13/2019	9.21	3.72
		9/20/2019	8.80	4.13
		12/19/2019	6.68	6.25
		4/30/2020	7.09	5.84
		11/4/2020	6.51	6.42
		1/25/2022	5.85	7.08
		4/11/2022	5.36	7.57
MW-21	16.22	12/18/2018	11.15	5.07
		3/18/2019	11.77	4.45
		6/13/2019	13.22	3.00
		9/20/2019	13.35	2.87
		12/19/2019	10.00	6.22
		4/30/2020	10.30	5.92
		11/4/2020	9.79	6.43
		1/25/2022	9.11	7.11
		4/11/2022	9.19	7.03
MW-22	14.73	12/18/2018	8.47	6.26
		3/18/2019	8.84	5.89
		6/13/2019	10.78	3.95
		9/20/2019	10.58	4.15
		12/19/2019	8.13	6.60
		4/30/2020	8.12	6.61
		11/4/2020	8.04	6.69
		1/25/2022	7.00	7.73
		4/11/2022	7.25	7.48

Notes:

[1] In feet above mean sea level.

[2] In feet below top of well casing.

NAVD88 = North American Vertical Datum of 1988

Table 2
Groundwater Analytical Results for NWTPH-Dx
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]		
			DRO	ORO	NWTPH-Dx[2]
MW-15	12/18/2018	MW-15-121818	< 260	< 410	< 670
	3/18/2019	MW-15-031819	< 250	< 400	< 650
	6/13/2019	MW-15-061319	< 250	< 400	< 650
	9/20/2019	MW-15-092019	< 270	< 430	< 700
	12/20/2019	MW-15-122019	< 210	460	460
	4/30/2020	MW-15-042020	45.0 J	< 76.2	45.0 J
	11/4/2020	MW-15-110420	< 38.1	< 76.2	< 114.3
	1/25/2022	MW-15-012522	41.2 J	< 158	41.2 J
MW-16	12/18/2018	MW-16-121818	< 250	< 400	< 650
	3/18/2019	MW-16-031819	< 280	< 450	< 730
	6/13/2019	MW-16-061319	< 250	< 410	< 660
	9/20/2019	MW-16-092019	< 270	< 430	< 700
	12/19/2019	MW-16-121919	< 210	< 210	< 420
	5/1/2020	MW-16-052020	< 37.4	< 74.8	< 112.2
	11/4/2020	MW-16-110420	< 37.4	< 74.8	< 112.2
	1/25/2022	MW-16-012522	< 78.4	< 157	< 235.4
MW-17	12/18/2018	MW-17-121818	< 260	< 410	< 670
	3/18/2019	MW-17-031819	< 250	< 400	< 650
	6/13/2019	MW-17-061319	< 260	< 420	< 680
	9/20/2019	MW-17-092019	< 280	< 450	< 730
	12/19/2019	MW-17-121919	< 210	< 210	< 420
	4/30/2020	MW-17-042020	44.1 J	< 74.8	44.1 J
	11/4/2020	MW-17-110420	< 37.7	< 75.5	< 113.2
	1/25/2022	MW-17-012522	50.0 J	< 154	50.0 J
MTCA Method A Cleanup Level for Groundwater[3]			**500**	**500**	**500**

Table 2
Groundwater Analytical Results for NWTPH-Dx
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]		
			DRO	ORO	NWTPH-Dx[2]
MW-18	12/18/2018	MW-18-121818	< 260	< 410	< 670
	3/18/2019	MW-18-031819	330	< 430	330
	6/13/2019	MW-18-061319	< 250	490	490
	9/20/2019	MW-18-092019	< 270	< 430	< 700
	12/19/2019	MW-18-121919	< 200	< 260	< 460
	4/30/2020	MW-18-042020	74.4 J	< 75.5	74.4 J
	11/4/2020	MW-18-110420	< 37.7	170	170
	1/26/2022	MW-18-012622	289	< 157	289
MW-19	12/18/2018	MW-19-121818	**510**	< 400	**510**
	3/18/2019	MW-19-031819	360	< 400	360
	6/13/2019	MW-19-061319	< 260	**520**	**520**
	9/20/2019	MW-19-092019	300	< 420	300
	12/20/2019	MW-19-122019	280	450	**730**
	4/30/2020	MW-19-042020	134	< 75.5	134
	11/4/2020	MW19-110420	170	< 75.5	170
	1/26/2022	MW-19-012622	212	< 154	212
	4/11/2022	MW-19-041122	174	< 348	174
MW-20	12/18/2018	MW-20-121818	370	< 400	370
	3/18/2019	MW-20-031819	< 280	< 440	< 720
	6/13/2019	MW-20-061319	< 260	< 410	< 670
	9/20/2019	MW-20-092019	< 260	< 410	< 670
	12/20/2019	MW-20-122019	320	420	**740**
	5/1/2020	MW-20-052020	130	< 75.5	130
	11/4/2020	MW20-110420	121	< 75.5	121
	1/26/2022	MW-20-012622	106	< 155	106
	4/11/2022	MW-20-041122	109 J	< 340	109 J
MTCA Method A Cleanup Level for Groundwater[3]			**500**	**500**	**500**

Table 2
Groundwater Analytical Results for NWTPH-Dx
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]		
			DRO	ORO	NWTPH-Dx[2]
MW-21	12/18/2018	MW-21-121818	< 250	< 410	< 660
	3/18/2019	MW-21-031819	470	< 400	470
	6/13/2019	MW-21-061319	< 250	< 400	< 650
	9/20/2019	MW-21-092019	< 260	< 410	< 670
	12/19/2019	MW-21-121919	260	360	**620**
	4/30/2020	MW-21-042020	85.7	< 75.5	85.7
	11/4/2020	MW21-110420	< 37.4	< 74.8	< 112.2
	1/25/2022	MW-21-012522	86.9	< 157	86.9
	4/11/2022	MW-21-041122	100 J	< 348	100 J
MW-22	12/18/2018	MW-22-121818	< 250	< 400	< 650
	3/18/2019	MW-22-031819	< 290	< 470	< 760
	6/13/2019	MW-22-061319	< 250	< 400	< 650
	9/20/2019	MW-22-092019	< 260	< 420	< 680
	12/20/2019	MW-22-122019	< 210	< 220	< 430
	5/1/2020	MW-22-052020	48.3 J	< 74.8	48.3 J
	11/4/2020	MW22-110420	< 37.4	< 74.8	< 112.2
	1/25/2022	MW-22-012522	47.3 J	< 158	47.3 J
MTCA Method A Cleanup Level for Groundwater[3]			**500**	**500**	**500**

NOTES:

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

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

[1]Analyzed by Northwest Method NWTPH-Dx.

[2]Sum of DRO and ORO.

[3]Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended 2013.

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

J = result is an estimate

ORO = TPH as oil-range organics

ATTACHMENT A
LABORATORY ANALYTICAL REPORTS

SUMMARY OF JANUARY AND APRIL 2022 COMPLIANCE
GROUNDWATER MONITORING EVENTS
6050 East Marginal Way South
Seattle, Washington

Farallon PN: 1071-010

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

ANALYTICAL REPORT

Wednesday, February 2, 2022

Pete Kingston
Farallon-Seattle
1809 7th Ave Suite 1111
Seattle, WA 98101

RE: A2A0951 - Georgetown Crossroads - 1071-010

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

Enclosed are the results of analyses for work order A2A0951, which was received by the laboratory on 1/27/2022 at 8:00:00AM.

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

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

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	3.3 degC	Cooler #2	1.9 degC

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

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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

Apex Laboratories, LLC

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-15-012522	A2A0951-01	Water	01/25/22 10:59	01/27/22 08:00
MW-16-012522	A2A0951-02	Water	01/25/22 11:48	01/27/22 08:00
MW-17-012522	A2A0951-03	Water	01/25/22 13:04	01/27/22 08:00
MW-21-012522	A2A0951-04	Water	01/25/22 14:09	01/27/22 08:00
MW-22-012522	A2A0951-05	Water	01/25/22 15:07	01/27/22 08:00
MW-18-012622	A2A0951-06	Water	01/26/22 09:20	01/27/22 08:00
MW-19-012622	A2A0951-07	Water	01/26/22 10:19	01/27/22 08:00
MW-20-012622	A2A0951-08	Water	01/26/22 11:09	01/27/22 08:00

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-15-012522 (A2A0951-01)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	**41.2**	39.6	79.2	ug/L	1	01/31/22 07:40	NWTPH-Dx LL	**J**
Oil	ND	79.2	158	ug/L	1	01/31/22 07:40	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 90 %*		*Limits: 50-150 %*	*1*	*01/31/22 07:40*	*NWTPH-Dx LL*	
MW-16-012522 (A2A0951-02)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	ND	39.2	78.4	ug/L	1	01/31/22 08:01	NWTPH-Dx LL	
Oil	ND	78.4	157	ug/L	1	01/31/22 08:01	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 96 %*		*Limits: 50-150 %*	*1*	*01/31/22 08:01*	*NWTPH-Dx LL*	
MW-17-012522 (A2A0951-03)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	**50.0**	38.5	76.9	ug/L	1	01/31/22 08:21	NWTPH-Dx LL	**J**
Oil	ND	76.9	154	ug/L	1	01/31/22 08:21	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 89 %*		*Limits: 50-150 %*	*1*	*01/31/22 08:21*	*NWTPH-Dx LL*	
MW-21-012522 (A2A0951-04)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	**86.9**	39.2	78.4	ug/L	1	01/31/22 08:41	NWTPH-Dx LL	**F-11**
Oil	ND	78.4	157	ug/L	1	01/31/22 08:41	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 93 %*		*Limits: 50-150 %*	*1*	*01/31/22 08:41*	*NWTPH-Dx LL*	
MW-22-012522 (A2A0951-05)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	**47.3**	39.6	79.2	ug/L	1	01/31/22 09:02	NWTPH-Dx LL	**J**
Oil	ND	79.2	158	ug/L	1	01/31/22 09:02	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 98 %*		*Limits: 50-150 %*	*1*	*01/31/22 09:02*	*NWTPH-Dx LL*	
MW-18-012622 (A2A0951-06)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	**289**	39.2	78.4	ug/L	1	01/31/22 09:22	NWTPH-Dx LL	**F-11**
Oil	ND	78.4	157	ug/L	1	01/31/22 09:22	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 94 %*		*Limits: 50-150 %*	*1*	*01/31/22 09:22*	*NWTPH-Dx LL*	
MW-19-012622 (A2A0951-07)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	**212**	38.5	76.9	ug/L	1	01/31/22 09:42	NWTPH-Dx LL	**F-11**
Oil	ND	76.9	154	ug/L	1	01/31/22 09:42	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 95 %*		*Limits: 50-150 %*	*1*	*01/31/22 09:42*	*NWTPH-Dx LL*	

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-20-012622 (A2A0951-08)				**Matrix: Water**		**Batch: 22A1042**		
Diesel	**106**	38.8	77.7	ug/L	1	01/31/22 10:03	NWTPH-Dx LL	**F-11**
Oil	ND	77.7	155	ug/L	1	01/31/22 10:03	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 98 %*		*Limits: 50-150 %*	*1*	*01/31/22 10:03*	*NWTPH-Dx LL*	

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A1042 - EPA 3510C (Fuels/Acid Ext.)									Water			
Blank (22A1042-BLK1)				Prepared: 01/28/22 12:23		Analyzed: 01/31/22 07:40						
NWTPH-Dx LL												
Diesel	ND	36.4	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	72.7	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 92 %*	*Limits: 50-150 %*		*Dilution: 1x*						
LCS (22A1042-BS1)				Prepared: 01/28/22 12:23		Analyzed: 01/31/22 08:01						
NWTPH-Dx LL												
Diesel	445	40.0	80.0	ug/L	1	500	---	89	36-132%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 92 %*	*Limits: 50-150 %*		*Dilution: 1x*						
LCS Dup (22A1042-BSD1)				Prepared: 01/28/22 12:23		Analyzed: 01/31/22 08:21						**Q-19**
NWTPH-Dx LL												
Diesel	433	40.0	80.0	ug/L	1	500	---	87	36-132%	3	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 94 %*	*Limits: 50-150 %*		*Dilution: 1x*						

Apex Laboratories

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

Philip Nerenberg, Lab Director

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3510C (Fuels/Acid Ext.)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22A1042							
A2A0951-01	Water	NWTPH-Dx LL	01/25/22 10:59	01/28/22 13:00	1010mL/2mL	1000mL/2mL	0.99
A2A0951-02	Water	NWTPH-Dx LL	01/25/22 11:48	01/28/22 13:00	1020mL/2mL	1000mL/2mL	0.98
A2A0951-03	Water	NWTPH-Dx LL	01/25/22 13:04	01/28/22 13:00	1040mL/2mL	1000mL/2mL	0.96
A2A0951-04	Water	NWTPH-Dx LL	01/25/22 14:09	01/28/22 13:00	1020mL/2mL	1000mL/2mL	0.98
A2A0951-05	Water	NWTPH-Dx LL	01/25/22 15:07	01/28/22 13:00	1010mL/2mL	1000mL/2mL	0.99
A2A0951-06	Water	NWTPH-Dx LL	01/26/22 09:20	01/28/22 13:00	1020mL/2mL	1000mL/2mL	0.98
A2A0951-07	Water	NWTPH-Dx LL	01/26/22 10:19	01/28/22 13:00	1040mL/2mL	1000mL/2mL	0.96
A2A0951-08	Water	NWTPH-Dx LL	01/26/22 11:09	01/28/22 13:00	1030mL/2mL	1000mL/2mL	0.97

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

QUALIFIER DEFINITIONS

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

Apex Laboratories

F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
J	Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

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

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

NR Result Not Reported

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

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

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

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

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

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

QC Source:

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

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

Miscellaneous Notes:

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

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

Blanks:

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

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

Apex Laboratories

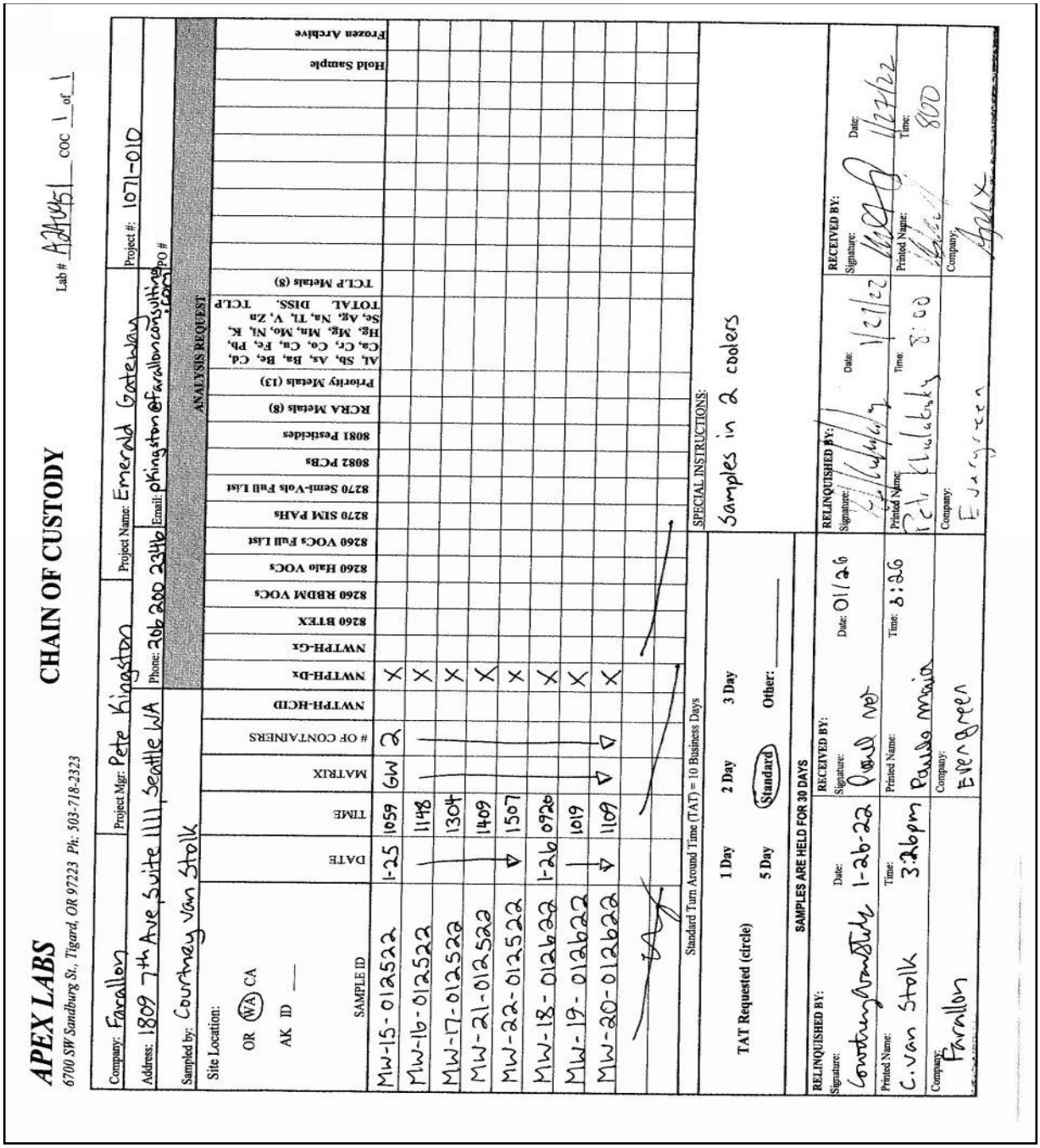
Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**



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

CHAIN OF CUSTODY — Lab # A2A0951 COC 1 of 1

Company: Farallon | Project Mgr: Pete Kingston | Project Name: Emerald Gateways | Project #: 1071-010
Address: 1809 7th Ave, Suite 1111, Seattle WA | Phone: 206 200 2346 | Email: pkingston@farallonconsulting.com | PO #
Sampled by: Courtney Van Stolk

Site Location: OR (WA) CA AK ID —

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
MW-15-012522	1-25	1059	GW	2		X															
MW-16-012522		1148				X															
MW-17-012522		1304				X															
MW-21-012522		1409				X															
MW-22-012522	▽	1507	▽	▽		X															
MW-18-012622	1-26	0920				X															
MW-19-012622		1019				X															
MW-20-012622	▽	1109	▽	▽		X															

Standard Turn Around Time (TAT) = 10 Business Days

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

SPECIAL INSTRUCTIONS: Samples in 2 coolers

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Printed Name: C. van Stolk	Printed Name: Paula Mauro	Printed Name:	Printed Name:
Company: Farallon	Company: Evergreen	Company:	Company:
Date: 1-26-22	Date: 01/26	Date: 1/27/22	Date: 1/27/22
Time: 3:26pm	Time: 8:26	Time: 8:00	Time: 800

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

Philip Nerenberg

Philip Nerenberg, Lab Director

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Georgetown Crossroads**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2A0951 - 02 02 22 1027**

APEX LABS COOLER RECEIPT FORM

Client: ~~Farallon~~ 1/27 Farallon Element WO#: A2A0951

Project/Project #: Emerald Gateway / 1071-010

Delivery Info:

Date/time received: 1/27/22 @ 800 By: [illegible]

Delivered by: Apex____Client____ESS____FedEx____UPS____Swift____Senvoy____SDS____Other Evergreen

Cooler Inspection Date/time inspected: 1/27/22 @ 800 By: [illegible]

Chain of Custody included? Yes X No _____ Custody seals? Yes X ~~No~~ X 1/27

Signed/dated by client? Yes X No _____

Signed/dated by Apex? Yes X No _____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.3	1.9					
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	Y	Y					
Ice type: (Gel/Real/Other)	Real	→					
Condition:	Good	→					

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

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

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 1/27/22 @ 16:25 By: ZAM

All samples intact? Yes X No ___ Comments: _____

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

COC/container discrepancies form initiated? Yes ___ No X

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

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

Comments _____

Water samples: pH checked: Yes X No___NA___ pH appropriate? Yes X No___NA____

Comments: _____

Additional information: _____

Labeled by: ZAM Witness: MS Cooler Inspected by: ZAM

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

Philip Nerenberg

Philip Nerenberg, Lab Director

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

ANALYTICAL REPORT

Thursday, April 21, 2022

Pete Kingston
Farallon-Seattle
1809 7th Ave Suite 1111
Seattle, WA 98101

RE: A2D0542 - Seattle 3 - 1071-010

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

Enclosed are the results of analyses for work order A2D0542, which was received by the laboratory on 4/13/2022 at 7:50:00AM.

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

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

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	4.0 degC

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

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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

Apex Laboratories, LLC

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-19-041122	A2D0542-01	Water	04/11/22 10:05	04/13/22 07:50
MW-20-041122	A2D0542-02	Water	04/11/22 10:40	04/13/22 07:50
MW-21-041122	A2D0542-03	Water	04/11/22 12:00	04/13/22 07:50

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-19-041122 (A2D0542-01)				**Matrix: Water**		**Batch: 22D0650**		
Diesel	**174**	87.0	174	ug/L	1	04/19/22 02:41	NWTPH-Dx LL	
Oil	ND	174	348	ug/L	1	04/19/22 02:41	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 110 %*	*Limits: 50-150 %*		*1*	*04/19/22 02:41*	*NWTPH-Dx LL*	
MW-20-041122 (A2D0542-02)				**Matrix: Water**		**Batch: 22D0650**		
Diesel	**109**	85.1	170	ug/L	1	04/19/22 03:03	NWTPH-Dx LL	**J**
Oil	ND	170	340	ug/L	1	04/19/22 03:03	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 102 %*	*Limits: 50-150 %*		*1*	*04/19/22 03:03*	*NWTPH-Dx LL*	
MW-21-041122 (A2D0542-03)				**Matrix: Water**		**Batch: 22D0650**		
Diesel	**100**	87.0	174	ug/L	1	04/19/22 03:26	NWTPH-Dx LL	**J**
Oil	ND	174	348	ug/L	1	04/19/22 03:26	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 109 %*	*Limits: 50-150 %*		*1*	*04/19/22 03:26*	*NWTPH-Dx LL*	

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22D0650 - EPA 3510C (Fuels/Acid Ext.)									Water			
Blank (22D0650-BLK1)				Prepared: 04/18/22 11:01		Analyzed: 04/18/22 21:50						
NWTPH-Dx LL												
Diesel	ND	36.4	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	72.7	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 109 %*	*Limits: 50-150 %*		*Dilution: 1x*						
LCS (22D0650-BS1)				Prepared: 04/18/22 11:01		Analyzed: 04/18/22 22:12						
NWTPH-Dx LL												
Diesel	518	40.0	80.0	ug/L	1	500	---	104	36-132%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 114 %*	*Limits: 50-150 %*		*Dilution: 1x*						
LCS Dup (22D0650-BSD1)				Prepared: 04/18/22 11:01		Analyzed: 04/18/22 22:35						**Q-19**
NWTPH-Dx LL												
Diesel	503	40.0	80.0	ug/L	1	500	---	101	36-132%	3	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 110 %*	*Limits: 50-150 %*		*Dilution: 1x*						

Apex Laboratories

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

Philip Nerenberg, Lab Director

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3510C (Fuels/Acid Ext.)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22D0650							
A2D0542-01	Water	NWTPH-Dx LL	04/11/22 10:05	04/18/22 12:30	460mL/2mL	1000mL/2mL	2.17
A2D0542-02	Water	NWTPH-Dx LL	04/11/22 10:40	04/18/22 12:30	470mL/2mL	1000mL/2mL	2.13
A2D0542-03	Water	NWTPH-Dx LL	04/11/22 12:00	04/18/22 12:30	460mL/2mL	1000mL/2mL	2.17

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

QUALIFIER DEFINITIONS

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

Apex Laboratories

J	Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

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

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

NR Result Not Reported

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

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

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

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

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

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

QC Source:

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

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

Miscellaneous Notes:

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

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

Blanks:

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

Apex Laboratories

Philip Nerenberg, Lab Director

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

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

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

Apex Laboratories

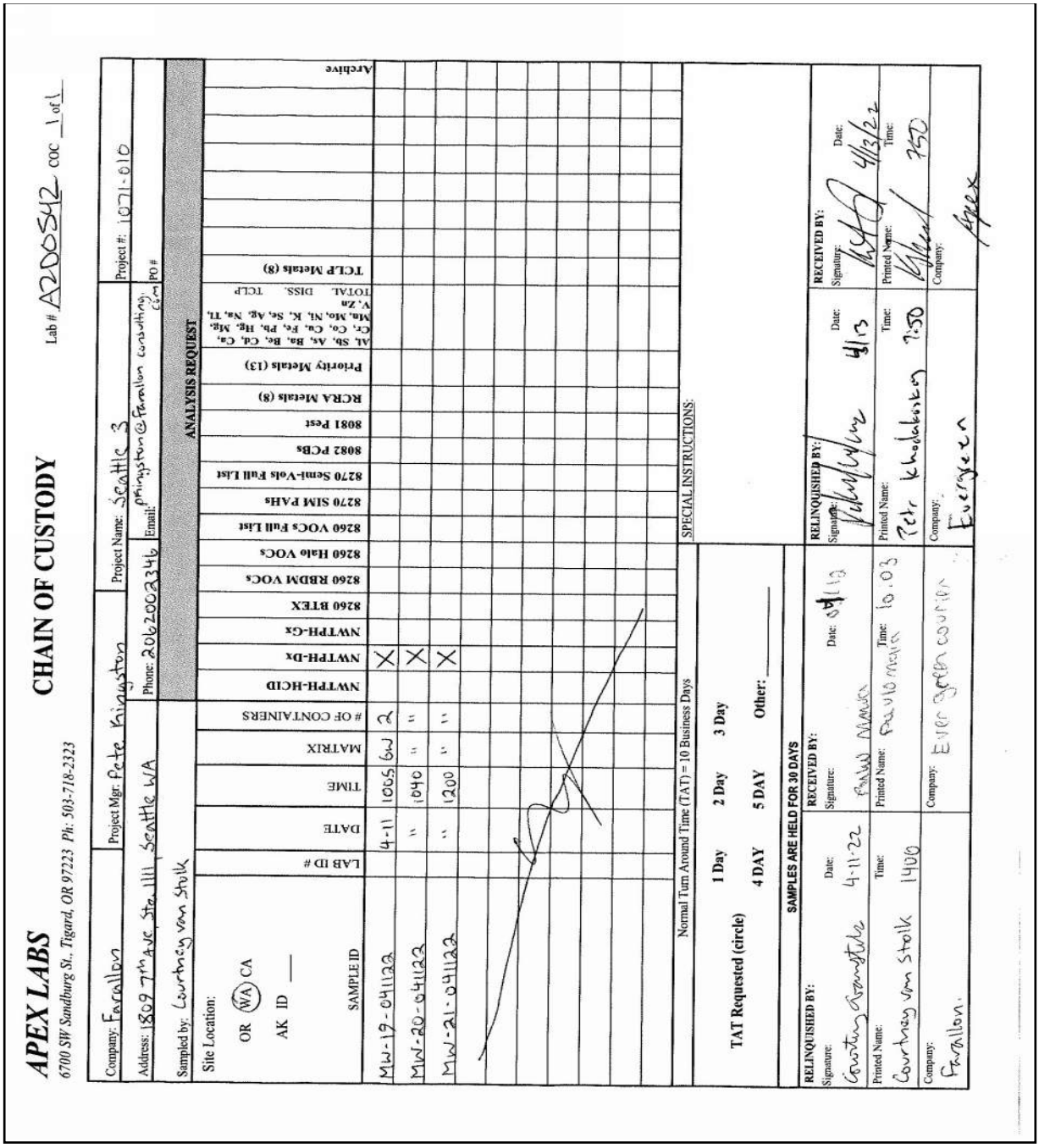
Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**



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

CHAIN OF CUSTODY

Lab # A200542 COC 1 of 1

Company: Farallon | Project Mgr: Pete Kingston | Project Name: Seattle 3 | Project #: 1071-010
Address: 1809 7th Ave, Ste 1111, Seattle WA | Phone: 2062003346 | Email: pkingston@farallonconsulting.com | PO #
Sampled by: Courtney van Stolk

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Archive
MW-19-041122		4-11	1055	GW	2		X														
MW-20-041122		"	1040	"	"		X														
MW-21-041122		"	1200	"	"		X														

Site Location: OR (WA) CA AK ID ___

Normal Turn Around Time (TAT) = 10 Business Days
TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: ___

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Courtney Stolk Date: 4-11-22 Time: 1400 Printed Name: Courtney van Stolk Company: Farallon
RECEIVED BY: Signature: Date: 04/11/22 Time: 10:03 Printed Name: Paulo Nunes Company: Eurofins Calscience

RELINQUISHED BY: Signature: Date: 4/13 Time: 7:50 Printed Name: Peter Kingston Company: Evergreen
RECEIVED BY: Signature: Date: 4/13/22 Time: 750 Printed Name: Company: Apex

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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

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

ANALYTICAL REPORT

Farallon-Seattle	Project: **Seattle 3**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A2D0542 - 04 21 22 1807**

APEX LABS COOLER RECEIPT FORM

Client: Farallon Element WO#: A2 D0542

Project/Project #: Seattle 3

Delivery Info:

Date/time received: 4/13/22 @ 750 By: HS

Delivered by: Apex ___ Client ___ ESS ___ FedEx ___ UPS ___ Swift ___ Senvoy ___ SDS ___ Other Evergreen

Cooler Inspection Date/time inspected: 4/13/22 @ 750 By: HS

Chain of Custody included? Yes X No ___ Custody seals? Yes ___ No X

Signed/dated by client? Yes X No ___

Signed/dated by Apex? Yes X No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	4.0						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition:	Good						

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

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

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 4/14/22 @ 1407 By: HAS

All samples intact? Yes X No ___ Comments: ___

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

COC/container discrepancies form initiated? Yes ___ No X

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

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

Comments ___

Water samples: pH checked: Yes X No ___ NA ___ pH appropriate? Yes X No ___ NA ___

Comments: ___

Additional information: ___

Labeled by: HAS Witness: DSS / PAK Cooler Inspected by: HAS

Apex Laboratories

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

Philip Nerenberg

Philip Nerenberg, Lab Director