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M E M O R A N D U M

TO: Washington State Department of Ecology **DATE**: August 8, 2023

FROM: Levi Fernandes, PE, SoundEarth Strategies, Inc.
Thomas Cammarata, LG, LHG, SoundEarth Strategies, Inc.

SUBJECT: **PPCD Second Quarter 2023 Progress Report**
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington
Project No.: 0731-004

SoundEarth Strategies, Inc. (SoundEarth) has prepared this Progress Report to summarize activities completed during the second quarter of 2023 at the Troy Laundry Seattle Site (Site), Cleanup Site ID No. 11690, which encompasses the property located at 300 Boren Avenue North and 399 Fairview Avenue North in Seattle, Washington (the Property; Figure 1). The work summarized below was conducted under Prospective Purchaser Consent Decree No. 19-2-07344-6 SEA (PPCD) between the Washington State Department of Ecology (Ecology) and Ponte Gadea Seattle LLC. This Progress Report is provided pursuant to Section IV.H. of the PPCD.

SITE ACTIVITIES—SECOND QUARTER 2023

The following section summarizes activities completed at the Site during the second quarter of 2023.

Second Quarter 2023 Groundwater Monitoring Event

The second quarter 2023 semiannual groundwater monitoring event was completed between June 20 and 23, 2023. The groundwater monitoring event was conducted pursuant to Exhibit A (Scope of Work and Schedule) of the PPCD.[1]

On June 20, 2023, groundwater elevations measured in the Site groundwater monitoring wells ranged from 15.14 feet North American Vertical Datum of 1988 (NAVD88; at monitoring well MW23) to 17.66 feet NAVD88 (at monitoring well MW34). Between June 20 and 23, 2023, groundwater samples were collected from Site groundwater monitoring wells, including the following:

- On the Property: MW18, MW19, MW21, MW22, MW24, MW25, IW04, IW06, IW50, and IW61

[1] As set forth in Exhibit A to the PPCD, the groundwater monitoring results will be used to evaluate the effectiveness of the groundwater treatment program that has been implemented as part of SoundEarth's *Interim Action Plan, Troy Laundry Property, 307 Fairview Avenue North, Seattle, Washington* dated August 21, 2013, which was prepared for the Site and was approved by Ecology on October 10, 2013.

- Harrison Street right-of-way (ROW): MW01, MW26, MW32, and MW33
- Boren Avenue North ROW: MW04, MW07, MW13, MW27, and MW31
- Thomas Street ROW: MW28
- Terry Avenue North: MW34

Groundwater elevation measurements from the second quarter 2023 groundwater monitoring event are shown in Table 1, and a groundwater elevation contour map of measurements collected on June 20, 2023, is shown on Figure 2.

Groundwater samples from the second quarter 2023 groundwater monitoring event were submitted to Friedman & Bruya, Inc., of Seattle, Washington, or shipped to SiREM of Knoxville, Tennessee, under standard chain-of-custody protocols.

Final Feasibility Study

The Final Feasibility Study (FS) Report was submitted to Ecology on July 11, 2023.

DEVIATIONS FROM SAMPLING RESULTS NORMS

No deviations from the sampling results were noted for samples collected during the second quarter 2023 groundwater monitoring event.

DEVIATIONS FROM REQUIRED TASKS, SCOPE OF WORK, OR SCHEDULE

No deviations from the scope, schedule, or required tasks outlined in the PPCD were noted for the second quarter of 2023.

DATA AND DESCRIPTION OF UNDERLYING SAMPLES COLLECTED

Samples from all compliance wells and select Site wells were submitted for analysis for chlorinated volatile organic compounds (CVOCs), including tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride by US Environmental Protection Agency (EPA) Method 8260D. Select groundwater samples were additionally analyzed for petroleum hydrocarbons and/or one or more of the following geochemical parameters:

- Gasoline-range petroleum hydrocarbons (GRPH) by Method Northwest Total Petroleum Hydrocarbon (NWTPH)-Gx
- Diesel-range petroleum hydrocarbons (DRPH) and oil-range petroleum hydrocarbons (ORPH) by Method NWTPH-Dx
- Sulfate and nitrate by EPA Method 300.0
- Total iron and manganese by EPA Method 200.8
- Alkalinity by EPA Method SM 2320B
- Ferrous iron by EPA Method SM3500-Fe B
- Methane, ethene, and ethane by EPA Method RSK 175

- Total organic carbon by SM5310C
- Volatile fatty acids by EPA Methods 300.0 and 300.0 Modified

Laboratory analytical reports (raw data) from the second quarter 2023 groundwater monitoring event are included as Attachment A. Groundwater analytical results for CVOCs are summarized in Tables 2 and 2A and presented on Figure 3. Groundwater analytical results for GRPH, DRPH, and ORPH are summarized in Table 3. Natural attenuation parameters and geochemical and water quality parameters are summarized in Tables 4 and 5, respectively. Groundwater analytical results for volatile fatty acids are summarized in Table 6.

PLANNED ACTIVITIES—THIRD AND FOURTH QUARTER 2023

The following section summarizes activities planned at the Site for the third and fourth quarters of 2023 under the PPCD.

Draft Cleanup Action Plan

The draft Cleanup Action Plan will be prepared for Ecology's review and comment.

Groundwater Monitoring and Sampling (MW29R and MW35)

Groundwater monitoring wells MW29R and MW35 were installed on the former Seattle Times Property in April 2023. Due to redevelopment construction activities, monitoring wells MW29R and MW35 were not sampled in June 2023. It is anticipated that groundwater samples will be collected from monitoring wells MW29R and MW35 and submitted for chemical analysis of CVOCs in the third quarter of 2023.

Fourth Quarter 2023 Groundwater Monitoring Event

The fourth quarter 2023 semiannual groundwater monitoring event is scheduled for December 2023. The sampling event is contingent upon Ecology's approval of the Final FS Report prior to December 2023. The Final FS Report states that compliance groundwater monitoring will occur annually.

Data Tabulation and Review

Once SoundEarth receives and reviews data from the fourth quarter 2023 groundwater monitoring event, updated groundwater data tables and figures will be prepared. The fourth quarter 2023 groundwater monitoring event results will be communicated to Ecology and presented in the 2023 Annual Groundwater Monitoring Report.

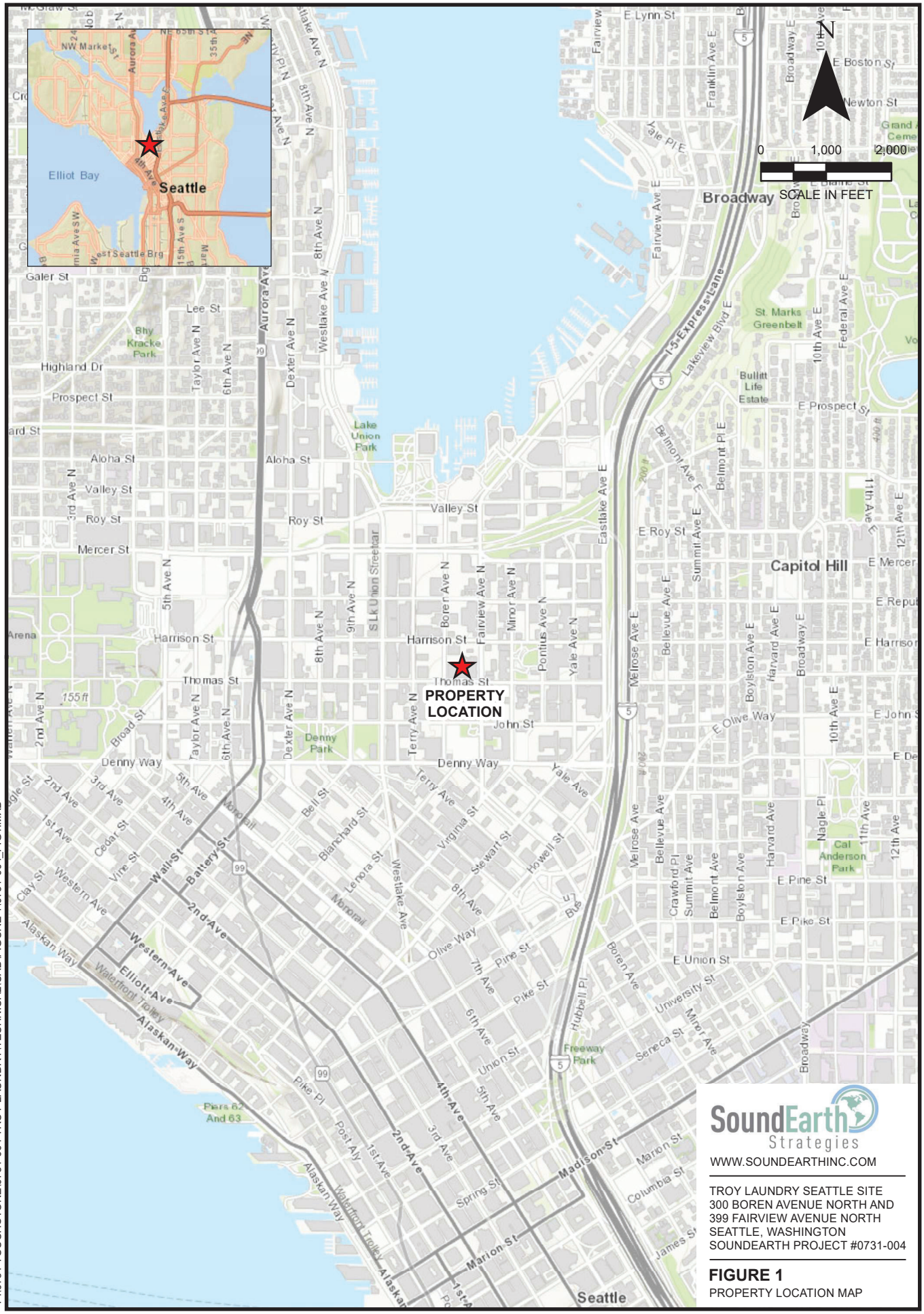
Requested Change in Groundwater Compliance Monitoring

SoundEarth requests to discontinue analyzing groundwater samples collected from monitoring wells MW13, MW21, MW22, and MW28 for petroleum hydrocarbons, although GRPH and DRPH concentrations detected in the samples continue to exceed applicable cleanup levels. Benzene has not been detected at concentrations above laboratory reporting limits or groundwater cleanup levels in groundwater samples collected from monitoring wells MW13, MW21, MW22, and MW28. GRPH, DRPH, and ORPH detected in groundwater samples are attributable to the presence of EOS and its polar breakdown products in groundwater. This conclusion is supported by the detection of petroleum hydrocarbons in groundwater samples being flagged by the laboratory as having a chromatographic pattern that did not match the fuel standard used for quantification.

Attachments: Figure 1, Property Location Map
Figure 2, Groundwater Contour Map with Rose Diagram (June 20, 2023)
Figure 3, Groundwater Analytical Results for Chlorinated Volatile Organic Compounds
Table 1, Summary of Groundwater Elevations
Table 2, Groundwater Analytical Results for CVOCs
Table 2A, Groundwater CVOCs Results Summary
Table 3, Groundwater Analytical Results for Petroleum Hydrocarbons
Table 4, Natural Attenuation Parameters
Table 5, Geochemical and Water Quality Parameters
Table 6, Groundwater Analytical Results for Volatile Fatty Acids
A, Laboratory Analytical Reports
Friedman & Bruya, Inc. #306324
Friedman & Bruya, Inc. #306390
Friedman & Bruya, Inc. #306391
SiREM Laboratory #S-9880

LMF/TJC:kak

FIGURES



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TROY LAUNDRY SEATTLE SITE
300 BOREN AVENUE NORTH AND
399 FAIRVIEW AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #0731-004

FIGURE 1
PROPERTY LOCATION MAP

P:\0731 TOUCHSTONE\0731-004 TROY LAUNDRY\TECHNICAL\CAD\FIGURE 1\0731-004_FIG1.MXD

7/25/2023

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N

0 40 80

APPROXIMATE SCALE IN FEET

HARRISON STREET

TERRY AVENUE NORTH

BOREN AVENUE NORTH

FAIRVIEW AVENUE NORTH

THOMAS STREET

TROY LAUNDRY PROPERTY

BRAVEHORSE TAVERN

AMAZON BUILDING

SOUTH LAKE UNION HOTEL LLC

SEATTLE TIMES SITE

HISTORICAL BUILDING FACADE

B56/MW31 (17.43')

B58/MW33 (17.51')

B08/MW01 (17.04')

MW26 (15.37')

B59/MW02

B57/MW32 (15.28')

B10/MW03

B11/MW04 (17.57')

B15/MW07 (17.17')

MW17 (15.33')

MW18 (15.19')

B31/MW12

B13/MW06

MW19 (15.22')

MW20 (15.17')

B28/MW10

MW24 (15.29')

B30/MW11

B26/MW08

MW34 (17.66')

B49/MW15

MW27 (15.24')

B12/MW05

MW25 (15.32')

IW50

MW21 (15.15')

MW22 (15.15')

B37/MW13 (15.49')

IW61

B27/MW09

MW23 (15.14')

IW91

B38/MW14

B50/MW16

MW28 (15.25')

B55/MW30

MW29R

B54/MW29

MW35

ONNI MW-9

ONNI MW-4

ONNI MW-5

17'

16.5'

16'

15.5'

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- REDEVELOPMENT EXCAVATION AREA
- MW20 — MONITORING WELL
- IW91 — INJECTION WELL CONVERTED TO MONITORING WELL
- IW61 — INJECTION WELL (SAMPLED)
- DECOMMISSIONED/DESTROYED MONITORING WELL
- INJECTION WELL
- ANGLED INJECTION WELL
- MONUMENT AND HORIZONTAL PIPING FOR INJECTION WELL SCREEN ACCESS
- GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- (15.15') — GROUNDWATER ELEVATION
- GROUNDWATER FLOW DIRECTION (JUNE 20, 2023)

N 0° 45° 90° E 135° 180° S 225° 270° W 315°

0.012 0.010 0.008 0.006 0.004 0.002 0

1	05/31/11	21	06/25/20
2	10/20/11	22	12/09/20
3	12/10/12	23	06/22/21
4	08/29/13	24	12/14/21
5	05/05/15	25	06/06/22
6	08/03/15	26	12/13/22
7	12/07/15	27	06/20/23
8	03/07/16		
9	07/12/16		
10	10/18/16		
11	01/24/17		
12	05/31/17		
13	09/21/17		
14	12/14/17		
15	03/08/18		
16	06/28/18		
17	09/22/18		
18	12/13/18		
19	06/13/19		
20	12/04/19		

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TROY LAUNDRY PROPERTY
300 BOREN AVENUE NORTH AND
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FIGURE 2
GROUNDWATER CONTOUR MAP WITH ROSE DIAGRAM (JUNE 20, 2023)

7/25/2023

P:\0731 TOUCHSTONE\0731-004 TROY LAUNDRY\TECHNICAL\CAD\2023\2023 GW REPORT\Q2\0731-004_2023_PPCD_GAR-CVOCS.DWG

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW01	12/15/21	<1	0.50	<1	<1	<0.2
	06/07/22	<1	0.73	<1	<1	<0.02
	12/14/22	<1	<1	<1	<1	<0.02
	06/21/23	<1	<0.5	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW31	12/15/21	<1	6.3	<1	<1	<0.2
	06/07/22	<1	4.2	<1	<1	<0.02
	12/14/22	<1	3.5	<1	<1	<0.02
	06/21/23	<1	4.1	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW26	12/15/21	<1	7.9	<1	<1	<0.2
	06/08/22	<1	3.5	<1	<1	0.038
	12/14/22	<1	10	<1	<1	0.038
	06/22/23	<1	11	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW32	12/15/21	<1	<0.5	<1	<1	<0.2
	06/08/22	<1	<0.5	<1	<1	<0.02
	12/14/22	<1	<0.5	<1	<1	<0.02
	06/21/23	<1	<0.5	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	DCE	DCE	Chloride
MW33	12/16/21	<1	<0.5	<1	<1	<0.2
	06/07/22	<1	<0.5	<1	<1	<0.02
	12/13/22	<1	<0.5	<1	<1	<0.02
	06/20/23	<1	<0.5	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
IW04	12/17/21	<1	<0.5	1.1	<1	0.34
	06/09/22	<1	<0.5	<1	<1	0.34
	12/15/22	<1	<0.5	<1	<1	0.28
	06/22/23	<1	<0.5	<1	<1	0.26

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW04	12/15/21	<1	7.8	<1	<1	<0.2
	06/07/22	<1	9.2	<1	<1	<0.02
	12/14/22	<1	8.2	<1	<1	<0.02
	06/22/23	<1	9.3	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
IW06	12/17/21	<1	<0.5	<1	<1	<0.2
	06/09/22	<1	<0.5	<1	<1	<0.02
	12/15/22	1.7	<0.5	<1	<1	<0.02
	06/22/23	1.1	<0.5	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW17	06/27/20	<1	<1	<1	<1	<0.2
	12/12/20	<1	<1	<1	<1	<0.2
	06/25/21	<1	1.7	<1	<1	<0.2
	12/17/21	<1	1.5	<1	<1	<0.2
	Well not sampled 2022 or 2023					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW18	12/17/21	<1	<0.5	<1	<1	1.8
	06/09/22	<1	<0.5	<1	<1	1.6
	12/15/22	<1	<0.5	<1	<1	1.1
	6/22/23	<1	<0.5	<1	<1	1.4

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW20	06/27/20	<1	1.2	6.1	<1	<0.2
	12/12/20	<1	1.3	6.0	<1	<0.2
	06/25/21	<1	1.6	5.3	<1	<0.2
	12/17/21	<1	0.94	5.2	<1	<0.2
	Well not sampled 2022 or 2023					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW07	12/15/21	2.0	7.2	<1	<1	<0.2
	06/07/22	2.9	6.5	<1	<1	<0.02
	12/14/22	2.5	5.9	<1	<1	<0.02
	06/22/23	2.4	5.1	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW19	12/17/21	<1	<0.5	<1	<1	1.5
	06/09/22	<1	<0.5	<1	<1	1.9
	12/16/22	<1	<0.5	<1	<1	1.9
	6/22/23	<1	<0.5	<1	<1	0.3

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
IW50	12/17/21	<1	<0.5	2.9	<1	0.80
	06/09/22	<1	<0.5	6.9	<1	2.4
	12/16/22	4.7	2.1	35	<1	6.4
	06/23/23	1.8	0.79	18	<1	5.8

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW34	12/16/21	<1	5.3	<1	<1	<0.2
	06/07/22	<1	5.9	<1	<1	<0.02
	12/14/22	<1	5.2	<1	<1	<0.02
	06/21/23	<1	4.8	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW21	12/17/21	<1	<0.5	12	<1	1.3
	06/09/22	<1	<0.5	12	<1	1.9
	12/15/22	<1	<0.5	12	<1	1.4
	06/23/23	<1	<0.5	1.4	<1	2.0

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW24	12/17/21	<1	<0.5	46	<1	0.71
	06/09/22	<1	<0.5	74	<1	1.1
	12/16/22	<1	<0.5	64	<1	6.1
	06/23/23	<1	<0.5	<1	<1	1.5

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW22	12/17/21	<1	0.51	52	<1	1.2
	06/09/22	<1	<0.5	52	<1	1.3
	12/16/22	<1	0.52	58	<1	1.1
	06/23/23	<1	<0.5	21	<1	0.5

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW27	12/15/21	<1	28	8.2	<1	<0.2
	06/08/22	<1	16	2.7	<1	<0.02
	12/15/22	<1	16	4.6	<1	<0.02
	06/21/23	<1	15	5.3	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
IW61	12/17/21	<1	<0.5	41	<1	3.8
	06/09/22	<1	<0.5	25	<1	3.2
	12/16/22	<1	<0.5	57	<1	2.7
	06/23/23	<1	<0.5	36	<1	2.7

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW25	12/17/21	<1	0.52	13	<1	3.6
	06/09/22	1.3	1.3	9.6	<1	4.1
	12/16/22	3.2	3.8	5.9	<1	2.2
	6/23/23	2.7	3.2	2.2	<1	1.3

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
IW91	06/27/20	<1	<1	<1	<1	<0.2
	12/12/20	<1	<1	<1	<1	<0.2
	06/25/21	<1	<1	<1	<1	<0.2
	12/17/21	<1	<0.5	<1	<2	<0.2
	Well not sampled 2022 or 2023					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW13	12/16/21	5.2	1.0	<1	<1	<0.2
	06/08/22	5.0	0.86	<1	<1	<0.02
	12/15/22	4.8	0.57	<1	<1	<0.02
	06/22/23	4.3	<0.5	<1	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW28	12/04/19	8.4	4.9	52	<1	0.27
	06/26/20	9.1	5.1	22	<1	<0.2
	12/11/20	8.3	4.9	19	<1	<0.2
	05/21/21	9.2	4.3	17	<1	<0.2
	06/23/21	7.0	3.5	14	<1	<0.2
	08/17/21	7.6	3.9	18	<1	<0.2
	09/21/21	7.5	3.4	15	<1	0.10
	12/16/21	5.2	2.8	17	<1	<0.2
	06/09/22	2.7	1.4	23	<1	0.082
	12/15/22	2.9	1.2	17	<1	0.067
	06/21/23	<1	<0.5	5.6	<1	<0.02

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW23	06/27/20	<1	<1	30	<1	0.76
	12/12/20	<1	<1	30	<1	0.85
	06/25/21	<1	<1	26	<1	0.97
	12/17/21	<1	<0.5	15	<1	3.7
	Well not sampled 2022 or 2023					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW29	12/10/20	18	13	18	<1	<0.2
	06/22/21	14	11	16	<1	<0.2
	12/15/21	15	12	14	<1	<0.2
	06/08/22	20	15	10	<1	0.13
	WELL DECOMMISSIONED 2022					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MW30	12/10/20	<1	2.4	13	<1	<0.2
	06/23/21	<1	2.0	7.4	<1	<0.2
	12/15/21	<1	2.2	5.2	<1	<0.2
	06/06/22	<1	2.3	3.5	<1	0.029
	WELL DECOMMISSIONED 2022					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
ONNI-MW-9	12/14/21	<1	<0.5	1.3	<1	<0.2
	06/06/22	<1	<0.5	1.3	<1	<0.02
	WELL DECOMMISSIONED 2022					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
ONNI-MW-4	06/25/20	<1	<1	<1	<1	<0.2
	12/10/20	<1	<1	<1	<1	<0.2
	06/22/21	<1	<1	<1	<1	<0.2
	12/15/21	<1	<0.5	<1	<1	<0.2
	WELL DECOMMISSIONED 2022					

Sample Location	Sample Date	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
ONNI-MW-5	06/25/20	<1	<1	<1	<1	<0.2
	12/09/20	<1	<1	<1	<1	<0.2
	06/23/21	<1	<1	<1	<1	<0.2
	12/14/21	<1	<0.5	<1	<1	<0.2
	WELL DECOMMISSIONED 2022					

B56/MW31
B58/MW33
B08/ MW01
MW26
B09/ MW02
B57/MW32
B10/ MW03
HARRISON STREET
IW06
IW04
B11/MW04
B15/MW07
MW17
MW18
TROY LAUNDRY PROPERTY
BOREN AVENUE NORTH
FAIRVIEW AVENUE NORTH
B31/ MW12
B13/ MW06
MW19
B28/ MW10
MW20
MW24
B30/ MW11
B26/ MW08
MW34 B49/MW15
MW27
MW25
IW50
MW21
B12/ MW05
MW22
B37/MW13
IW61
MW23
B27/ MW08
IW91
B38/ MW14
THOMAS STREET
MW28
MW29R
B54/MW29
B55/MW30
SEATTLE TIMES SITE
MW35
ONNI MW-9
ONNI MW-4
ONNI MW-5

N

0 40 80

APPROXIMATE SCALE IN FEET

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- REDEVELOPMENT EXCAVATION AREA
- MW20 MONITORING WELL
- MW-5 MONITORING WELL (ENVIRONMENTAL PARTNERS INC)
- IW91 INJECTION WELL CONVERTED TO MONITORING WELL
- IW61 INJECTION WELL (SAMPLED)
- DECOMMISSIONED/ DESTROYED MONITORING WELL
- INJECTION WELL
- ANGLED INJECTION WELL
- MONUMENT AND HORIZONTAL PIPING FOR INJECTION WELL SCREEN ACCESS

DCE	DICHLOROETHENE
PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
MTCA	WASHINGTON STATE MODEL TOXICS CONTROL ACT
<	NOT DETECTED AT A CONCENTRATION EXCEEDING LABORATORY REPORTING LIMIT
RED	DENOTES CONCENTRATIONS EXCEEDING THE MTCA METHOD CLEANUP LEVEL FOR GROUNDWATER

	Analytical Results (micrograms per liter) PCE	TCE	cis-1-2-DCE	trans-1-2-DCE	Vinyl Chloride
MTCA Method A	5	5	16	160	0.2

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

TROY LAUNDRY SEATTLE SITE
300 BOREN AVENUE NORTH AND
399 FAIRVIEW AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #0731-004

FIGURE 3

GROUNDWATER ANALYTICAL RESULTS FOR CHLORINATED VOLATILE ORGANIC COMPOUNDS

TABLES

Table 1
Summary of Groundwater Elevations
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
Troy Laundry Property								
MW06	74.78	60	75	15	0	05/31/11	58.70	16.08
						10/20/11	58.91	15.87
						12/13/12	58.71	16.07
						08/29/13	60.30	14.48
	DECOMMISSIONED 2013							
MW08	92.88	105	110	-12	-17	10/20/11	77.18	15.70
						08/29/13	78.10	14.78
	DECOMMISSIONED 2013							
MW09	92.92	105	110	-12	-17	10/20/11	77.24	15.68
						08/29/13	78.51	14.41
	DECOMMISSIONED 2013							
MW10	92.73	75	90	18	3	10/20/11	77.14	15.59
						12/13/12	77.01	15.72
						08/29/13	78.28	14.45
	DECOMMISSIONED 2013							
MW11	88.23	68	83	20	5	10/20/11	72.43	15.80
						12/13/12	72.29	15.94
						08/29/13	73.78	14.45
	DECOMMISSIONED 2013							
MW12	74.44	95	100	-21	-26	10/20/11	58.71	15.73
						08/29/13	59.99	14.45
	DECOMMISSIONED 2013							
MW17	35.72	22	37	14	-1	05/05/15	25.26	10.46
						08/03/15	24.82	10.90
						12/07/15	25.49	10.23
						03/07/16	24.98	10.74
						07/12/16	24.61	11.11
						10/18/16	23.14	12.58
						01/24/17	20.84	14.88
						05/31/17	22.75	12.97
						09/21/17	25.73	9.99
						12/14/17	25.14	10.58
						03/08/18	23.04	12.68
						06/28/18	22.00	13.72
						09/19/18	21.64	14.08
						12/13/18	21.42	14.30
						06/13/19	20.93	14.79
						10/09/19	21.30	14.42
						12/04/19	22.04	13.68
						06/25/20	24.13	11.59
						12/09/20	24.74	10.98
						06/22/21	23.38	12.34
						12/14/21	21.12	14.60
						06/06/22	21.00	14.72
						12/13/22	20.70	15.02
						06/20/23	20.39	15.33

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Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
MW18	35.34	35	55	0	-20	05/05/15	24.92	10.42
						08/03/15	24.49	10.85
						12/07/15	25.21	10.13
						03/07/16	24.64	10.70
						07/12/16	24.23	11.11
						10/18/16	22.81	12.53
						01/24/17	20.98	14.36
						05/31/17	22.49	12.85
						09/21/17	25.36	9.98
						12/14/17	24.70	10.64
						03/08/18	22.60	12.74
						06/28/18	21.70	13.64
						09/19/18	21.34	14.00
						12/13/18	21.12	14.22
						06/13/19	20.62	14.72
						10/09/19	20.50	14.84
						12/04/19	22.15	13.19
						06/25/20	23.81	11.53
						12/09/20	24.42	10.92
						06/22/21	23.01	12.33
						12/14/21	21.81	13.53
						06/06/22	20.73	14.61
						12/13/22	20.44	14.90
						06/20/23	20.15	15.19
MW19	37.69	35	55	3	-17	05/05/15	27.24	10.45
						08/03/15	26.82	10.87
						12/07/15	27.51	10.18
						03/07/16	26.97	10.72
						07/12/16	26.57	11.12
						10/18/16	25.12	12.57
						01/24/17	22.97	14.72
						05/31/17	24.74	12.95
						09/21/17	27.60	10.09
						12/14/17	26.97	10.72
						03/08/18	24.89	12.80
						06/28/18	24.00	13.69
						09/19/18	23.65	14.04
						12/13/18	25.41	12.28
						06/13/19	22.95	14.74
						10/09/19	27.60	10.09
						12/04/19	23.33	14.36
						06/25/20	26.16	11.53
						12/09/20	26.76	10.93
						06/22/20	25.31	12.38
						12/14/21	24.13	13.56
						06/06/22	23.04	14.65
						12/13/22	22.74	14.95
						06/20/23	22.47	15.22

Table 1
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Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
MW20	35.63	35	55	1	-19	05/05/15	25.24	10.39
						08/03/15	24.44	11.19
						12/07/15	25.50	10.13
						03/07/16	24.94	10.69
						07/12/16	24.62	11.01
						10/18/16	23.13	12.50
						01/24/17	21.32	14.31
						05/31/17	22.70	12.93
						09/21/17	25.53	10.10
						12/14/17	24.91	10.72
						03/08/18	22.89	12.74
						06/28/18	22.01	13.62
						09/19/18	21.67	13.96
						12/13/18	21.43	14.20
						06/13/19	20.95	14.68
						10/09/19	24.25	11.38
						12/04/19	21.45	14.18
						06/25/20	23.99	11.64
						12/09/20	24.63	11.00
						06/22/21	23.27	12.36
						12/14/21	22.12	13.51
						06/06/22	21.04	14.59
						12/13/22	20.74	14.89
						06/20/23	20.46	15.17
MW21	35.58	35	55	1	-19	05/05/15	25.21	10.37
						08/03/15	24.82	10.76
						12/07/15	25.49	10.09
						03/07/16	24.90	10.68
						07/12/16	24.56	11.02
						10/18/16	23.00	12.58
						01/24/17	21.54	14.04
						05/31/17	23.37	12.21
						09/21/17	25.96	9.62
						12/14/17	25.20	10.38
						03/08/18	24.10	11.48
						06/28/18	22.89	12.69
						09/19/18	INACCESSIBLE	
						12/13/18	22.59	12.99
						06/13/19	23.70	11.88
						10/09/19	26.52	9.06
						12/04/19	20.50	15.08
						06/25/20	23.83	11.75
						12/09/20	24.60	10.98
						06/22/21	23.21	12.37
						12/14/21	22.08	13.50
						06/06/22	20.99	14.59
						12/13/22	20.70	14.88
						06/20/23	20.43	15.15

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Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
MW22	35.47	35	55	0	-20	05/05/15	25.14	10.33
						08/03/15	24.75	10.72
						12/07/15	25.41	10.06
						03/07/16	24.86	10.61
						07/12/16	24.52	10.95
						10/18/16	23.05	12.42
						01/24/17	21.68	13.79
						05/31/17	23.45	12.02
						09/21/17	26.20	9.27
						12/14/17	25.60	9.87
						03/08/18	23.65	11.82
						06/28/18	23.30	12.17
						09/19/18	INACCESSIBLE	
						12/13/18	21.62	13.85
						06/13/19	--	--
						10/09/19	20.73	14.74
						12/04/19	20.18	15.29
						06/25/20	23.75	11.72
						12/09/20	24.39	11.08
						06/22/21	23.10	12.37
						12/14/21	21.94	13.53
						06/06/22	20.79	14.68
						12/13/22	20.61	14.86
						06/20/23	20.32	15.15
MW23	35.43	36	56	-1	-21	05/05/15	25.08	10.35
						08/03/15	24.72	10.71
						12/07/15	25.34	10.09
						03/07/16	24.77	10.66
						07/12/16	24.54	10.89
						10/18/16	22.98	12.45
						01/24/17	21.06	14.37
						05/31/17	22.41	13.02
						09/21/17	25.11	10.32
						12/14/17	24.65	10.78
						03/08/18	22.69	12.74
						06/28/18	21.03	14.40
						09/19/18	21.50	13.93
						12/13/18	21.22	14.21
						06/13/19	20.80	14.63
						10/09/19	22.03	13.40
						12/04/19	21.22	14.21
						06/25/20	23.75	11.68
						12/09/20	24.40	11.03
						06/22/21	23.07	12.36
						12/14/21	21.89	13.54
						06/06/22	20.84	14.59
						12/13/22	20.57	14.86
						06/20/23	20.29	15.14

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MW24	34.88	35	55	0	-20	05/05/15	24.47	10.41
						08/03/15	24.06	10.82
						12/07/15	24.72	10.16
						03/07/16	24.12	10.76
						07/12/16	23.76	11.12
						10/18/16	22.19	12.69
						01/24/17	19.95	14.93
						05/31/17	23.29	11.59
						09/21/17	INACCESSIBLE	
						12/14/17	24.22	10.66
						03/08/18	22.10	12.78
						06/28/18	21.98	12.90
						09/19/18	20.81	14.07
						12/13/18	20.65	14.23
						06/13/19	20.18	14.70
						10/09/19	21.65	13.23
						12/04/19	21.40	13.48
						06/25/20	23.27	11.61
						12/09/20	23.91	10.97
						06/22/21	22.52	12.36
						12/14/21	21.37	13.51
						06/06/22	20.27	14.61
						12/13/22	19.98	14.90
						06/20/23	19.59	15.29
MW25	41.38	35.5	55.5	6	-14	05/05/15	30.85	10.53
						08/03/15	30.60	10.78
						12/07/15	31.30	10.08
						03/07/16	30.71	10.67
						07/12/16	30.44	10.94
						10/18/16	28.95	12.43
						01/24/17	27.07	14.31
						05/31/17	28.24	13.14
						09/21/17	31.09	10.29
						12/14/17	30.52	10.86
						03/08/18	28.54	12.84
						06/28/18	27.69	13.69
						09/19/18	27.32	14.06
						12/13/18	27.12	14.26
						06/13/19	26.64	14.74
						10/09/19	27.79	13.59
						12/04/19	26.63	14.75
						06/25/20	29.70	11.68
						12/09/20	30.33	11.05
						06/22/21	28.97	12.41
						12/14/21	27.78	13.60
						06/06/22	26.70	14.68
						12/13/22	26.45	14.93
						06/20/23	26.06	15.32

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IW91	35.82	20	55	16	-19	05/05/15	25.56	10.26
						08/03/15	25.19	10.63
						12/07/15	25.84	9.98
						03/07/16	25.24	10.58
						07/12/16	24.90	10.92
						10/18/16	23.41	12.41
						01/24/17	21.61	14.21
						05/31/17	22.79	13.03
						09/21/17	25.42	10.40
						12/14/17	24.96	10.86
						03/08/18	23.08	12.74
						06/28/18	22.30	13.52
						09/19/18	21.95	13.87
						12/13/18	21.69	14.13
						06/13/19	21.23	14.59
						10/09/19	23.90	11.92
						12/04/19	21.11	14.71
						06/25/20	23.98	11.84
						12/09/20	24.63	11.19
						06/22/21	23.45	12.37
						12/14/21	22.31	13.51
						06/06/22	21.33	14.49
						12/13/22	21.03	14.79
Boren Avenue North								
MW04	70.69	50	65	21	6	05/27/11	52.22	18.47
						10/20/11	52.82	17.87
						12/10/12	52.88	17.81
						08/29/13	57.25	13.44
	70.82					05/05/15	58.22	12.60
						08/03/15	56.87	13.95
						12/07/15	58.82	12.00
						03/07/16	59.25	11.57
						07/12/16	58.49	12.33
						10/18/16	57.02	13.80
						01/24/17	54.06	16.76
						05/31/17	55.59	15.23
						09/21/17	62.08	8.74
						12/14/17	62.03	8.79
						03/08/18	57.70	13.12
						06/28/18	54.94	15.88
						09/19/18	54.38	16.44
						12/13/18	54.26	16.56
						06/13/19	53.61	17.21
						10/09/19	55.40	15.42
						12/04/19	54.04	16.78
						06/25/20	62.05	8.77
						12/09/20	62.18	8.64
						06/22/21	60.06	10.76
						12/14/21	55.94	14.88
						06/06/22	53.67	17.15
						12/13/22	53.63	17.19
						06/20/23	53.25	17.57

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MW05	84.04	65	80	19	4	05/27/11	67.40	16.64
						10/20/11	67.91	16.13
						12/10/12	68.54	15.50
						08/29/13	69.72	14.32
						05/05/15	INACCESSIBLE	
						08/03/15	INACCESSIBLE	
	DECOMMISSIONED 2015							
MW07	74.55	55	70	20	5	05/31/11	56.33	18.22
						10/20/11	56.87	17.68
						12/10/12	56.96	17.59
						08/29/13	60.95	13.60
	74.68					05/05/15	62.69	11.99
						08/03/15	61.67	13.01
						12/07/15	63.19	11.49
						03/07/16	63.22	11.46
						07/12/16	62.82	11.86
						10/18/16	61.26	13.42
						01/24/17	58.41	16.27
						05/31/17	59.90	14.78
						09/21/17	65.17	9.51
						12/14/17	INACCESSIBLE	
						03/08/18	61.76	12.92
						06/28/18	59.45	15.23
						09/19/18	59.07	15.61
						12/13/18	58.87	15.81
						06/13/19	57.93	16.75
						10/09/19	61.02	13.66
						12/04/19	58.38	16.30
						06/30/20	64.92	9.76
						12/09/20	65.28	9.40
						06/22/21	63.21	11.47
						12/14/21	60.22	14.46
						06/06/22	58.00	16.68
						12/13/22	57.85	16.83
						06/20/23	57.51	17.17

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MW13	90.66	70	85	21	-15	10/20/11	74.69	15.97
						12/10/12	75.38	15.28
						08/29/13	76.23	14.43
	90.86					05/05/15	INACCESSIBLE	
						08/03/15	80.07	10.79
						12/07/15	80.73	10.13
						03/07/16	80.07	10.79
						07/12/16	80.03	10.83
						10/18/16	78.16	12.70
						01/24/17	75.56	15.30
						05/31/17	77.40	13.46
						09/21/17	80.46	10.40
						12/14/17	80.19	10.67
						03/08/18	78.13	12.73
						06/28/18	77.01	13.85
						09/19/18	76.68	14.18
						12/13/18	76.52	14.34
						06/13/19	76.00	14.86
						10/09/19	81.45	9.41
						12/04/19	76.00	14.86
						06/25/20	79.24	11.62
						12/09/20	79.98	10.88
						06/22/21	78.58	12.28
						12/14/21	77.21	13.65
						06/06/22	75.95	14.91
						12/13/22	75.75	15.11
						06/20/23	75.37	15.49
MW27	83.82	90	105	-6	-21	12/07/15	73.86	9.96
						03/07/16	73.23	10.59
						07/12/16	73.01	10.81
						10/18/16	71.38	12.44
						01/24/17	69.57	14.25
						05/31/17	70.89	12.93
						09/21/17	73.87	9.95
						12/14/17	73.25	10.57
						03/08/18	71.10	12.72
						06/28/18	70.20	13.62
						09/19/18	69.85	13.97
						12/13/18	69.69	14.13
						06/13/19	69.19	14.63
						10/09/19	70.30	13.52
						12/04/19	69.11	14.71
						06/30/20	72.38	11.44
						12/09/20	73.10	10.72
						06/22/21	71.61	12.21
						12/14/21	70.32	13.50
						06/06/22	69.25	14.57
						12/13/22	68.91	14.91
						06/20/23	68.58	15.24

Table 1
Summary of Groundwater Elevations
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
MW31	60.75	40	60	21	1	10/09/19	46.49	14.26
						12/04/19	44.16	16.59
						06/30/20	55.35	5.40
						12/09/20	55.66	5.09
						06/22/21	49.39	11.36
						12/14/21	45.72	15.03
						06/06/22	43.74	17.01
						12/13/22	43.68	17.07
						06/20/23	43.32	17.43
Terry Avenue North								
MW15	58.79	41	56	18	3	12/10/12	40.78	18.01
						08/29/13	45.37	13.42
	58.89					05/05/15	45.86	13.03
						08/03/15	44.81	14.08
						12/07/15	47.08	11.81
						03/07/16	47.58	11.31
						07/12/16	46.73	12.16
						10/18/16	44.97	13.92
						01/24/17	42.05	16.84
						05/31/17	43.08	15.81
						09/21/17	49.62	9.27
						12/14/17	49.92	8.97
						03/08/18	45.80	13.09
						06/28/18	42.95	15.94
						09/19/18	42.35	16.54
						12/13/18	42.26	16.63
						06/13/19	41.65	17.24
						10/09/19	41.80	17.09
						12/04/19	42.00	16.89
						06/25/20	51.75	7.14
						12/09/20	52.94	5.95
						06/22/21	NM	NM
	WELL DAMAGED 2021							
MW34	59.09	40	55	19	4	12/14/21	44.19	14.90
						06/06/22	41.89	17.20
						12/13/22	41.74	17.35
						06/20/23	41.43	17.66
Thomas Street								
MW14	104.4	90	105	14	-1	10/20/11	88.81	15.59
						12/13/12	88.66	15.74
						08/29/13	89.99	14.41
	DECOMMISSIONED 2013							
MW16	99.02	91	106	8	-7	12/10/12	83.47	15.55
						08/29/13	84.59	14.43
	99.18					05/05/15	88.87	10.31
						08/03/15	88.53	10.65
						12/07/15	89.15	10.03
						03/07/16	88.54	10.64
						07/12/16	88.41	10.77
						10/18/16	86.74	12.44
						01/24/17	84.71	14.47
						05/31/17	86.04	13.14
						09/21/17	88.85	10.33
						12/14/17	88.43	10.75
						03/08/18	86.51	12.67
	WELL DAMAGED 2018							

Table 1
Summary of Groundwater Elevations
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
MW28	99.18	90	105	9.18	-5.82	06/13/19	84.54	14.64
						10/08/19	84.75	14.43
						12/04/19	84.48	14.70
						06/25/20	87.38	11.80
						12/09/20	88.1	11.08
						05/21/21	87.23	11.95
						06/22/21	86.77	12.41
						08/17/21	86.65	12.53
						09/21/21	86.56	12.62
						12/14/21	85.49	13.69
						06/06/22	84.44	14.74
						12/13/22	84.29	14.89
						06/20/23	83.93	15.25
Fairview Avenue North								
MW-C	107.75	85	100	23	8	08/29/13	93.32	14.43
						05/05/15	97.64	10.11
Harrison Street								
MW01	68.68	45	60	24	9	05/25/11	50.59	18.09
						10/20/11	51.03	17.65
						12/10/12	51.24	17.44
						08/29/13	54.35	14.33
	68.82					05/05/15	58.11	10.71
						08/03/15	INACCESSIBLE	
						12/07/15	58.60	10.22
						03/07/16	57.69	11.13
	68.65					07/12/16	57.42	11.23
						10/18/16	55.65	13.00
						01/24/17	52.27	16.38
						05/31/17	54.69	13.96
						09/21/17	58.91	9.74
						12/14/17	58.14	10.51
						03/08/18	55.84	12.81
						06/28/18	54.20	14.45
						09/19/18	53.93	14.72
						12/13/18	53.05	15.60
						06/13/19	52.34	16.31
						10/09/19	56.65	12.00
						12/04/19	52.76	15.89
						06/25/20	57.08	11.57
						12/09/20	57.84	10.81
						06/22/21	56.32	12.33
						12/14/21	54.79	13.86
						06/06/22	52.9	15.75
						12/13/22	52.22	16.43
						06/20/23	51.56	17.09
MW02	70.92	55	70	16	1	05/25/11	54.84	16.08
						10/20/11	55.08	15.84
						12/10/12	55.27	15.65
						08/29/13	56.48	14.44
						05/05/15	INACCESSIBLE	
						08/03/15	INACCESSIBLE	
	DECOMMISSIONED 2015							

Table 1
Summary of Groundwater Elevations
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
MW03	84.65	65	80	20	5	05/27/11	68.75	15.90
						10/20/11	68.97	15.68
						12/10/12	69.21	15.44
						08/29/13	70.21	14.44
						05/05/15	INACCESSIBLE	
						08/03/15	INACCESSIBLE	
	DECOMMISSIONED 2015							
MW26	70.57	75	90	-4	-19	12/07/15	60.42	10.15
						03/07/16	59.82	10.75
						07/12/16	59.52	11.05
						10/18/16	58.10	12.47
						01/24/17	56.10	14.47
						05/31/17	57.79	12.78
						09/21/17	60.94	9.63
						12/14/17	60.11	10.46
						03/08/18	57.79	12.78
						06/28/18	56.83	13.74
						09/19/18	56.50	14.07
						12/13/18	56.34	14.23
						06/13/19	55.82	14.75
						10/09/19	57.28	13.29
						12/04/09	55.80	14.77
						06/25/20	59.19	11.38
						12/09/20	59.85	10.72
						06/22/21	58.25	12.32
						12/14/21	56.99	13.58
						06/06/22	55.90	14.67
						12/13/22	55.65	14.92
						06/20/23	55.20	15.37
MW32	78.38	60	75	18	3	10/09/19	65.80	12.58
						12/04/19	62.63	15.75
						06/25/20	66.88	11.50
						12/09/20	67.40	10.98
						06/22/21	66.19	12.19
						12/14/21	64.93	13.45
						06/06/22	63.75	14.63
						12/13/22	63.46	14.92
						06/20/23	63.10	15.28
MW33	56.62	31	51	26	6	10/09/19	40.30	16.32
						12/04/19	39.93	16.69
						06/30/20	50.69	5.93
						12/09/20	WELL DRY	
						06/22/21	46.00	10.62
						12/14/21	41.70	14.92
						06/06/22	39.52	17.10
						12/13/22	39.50	17.12
						06/20/23	39.11	17.51
SMW01	49.45	30	40	19	9	08/29/13	36.78	12.67
SMW02	49.26	30	40	19	9	08/29/13	36.67	12.59
SMW06	48.63	30	40	19	9	08/29/13	36.39	12.24
SMW08	49.30	30	40	19	9	08/29/13	36.69	12.61

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Troy Laundry Seattle Site
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Seattle, Washington

Well	TOC Elevation[1] (feet)	Depth to Top of Well Screen (feet approximate)	Depth to Bottom of Well Screen (feet approximate)	Top of Well Screen Elevation (feet NAVD88 approximate)	Bottom of Well Screen Elevation (feet NAVD88 approximate)	Date	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet NAVD88)
Westlake Avenue North								
SMW09	48.25	30	40	18	8	08/29/13	35.84	12.41
South-Adjoining Property								
MW29	101.72	82	102	20	0	10/09/19	86.91	14.81
						12/04/19	87.03	14.69
						06/25/20	89.84	11.88
						12/09/20	90.57	11.15
						06/22/21	89.29	12.43
						12/14/21	88.09	13.63
						06/06/22	87.06	14.66
	DECOMMISSIONED 2022							
MW30	101.97	84	104	18	-2	10/09/19	87.95	14.02
						12/04/19	87.25	14.72
						06/25/20	90.12	11.85
						12/09/20	91.10	10.87
						06/22/21	89.62	12.35
						12/14/21	88.31	13.66
						06/06/22	88.28	13.69
	DECOMMISSIONED 2022							
ONNI-MW-4	108.84	93	105	16	4	06/25/20	97.13	11.71
						12/09/20	97.83	11.01
						06/22/21	96.63	12.21
						12/14/21	95.43	13.41
						06/06/22	94.26	14.58
	DECOMMISSIONED 2022							
ONNI-MW-5	112.78	93	105	20	8	02/06/20	93.10	19.68
						06/25/20	95.65	17.13
						12/09/20	96.30	16.48
						06/22/21	95.14	17.64
						12/14/21	94.04	18.74
						06/06/22	97.95	14.83
	DECOMMISSIONED 2022							
ONNI-MW-9	107.10	95	110	12	-3	12/14/21	93.60	13.50
						06/06/22	92.68	14.42
	DECOMMISSIONED 2022							
North-Adjoining Property								
SLU-MW01[2]	53.43	35	45	18	8	08/29/13	40.00	13.43
	DECOMMISSIONED 2013							
SLU-MW02[2]	52.76	30	40	23	13	08/29/13	WELL DRY	--
	DECOMMISSIONED 2013							

NOTES:

[1]TOC elevations surveyed relative to NAVD88.

[2]Groundwater elevation data compiled from reports on file at the Washington State Department of Ecology.

-- = not analyzed, measured, or calculated

NAVD88 = North American Vertical Datum of 1988

TOC = top of casing

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
Troy Laundry Property								
MW06	MW06-20110531	05/31/11	SoundEarth	3.1	8.2	150[ve]	<1	0.76
	MW06-20111012	10/12/11	SoundEarth	3.6	11	120	<1	0.76
	MW06-20130909	09/09/13	SoundEarth	3.8	4.5	150	<1	0.93
	DECOMMISSIONED 2013							
MW08	MW08-20111013	10/13/11	SoundEarth	<1	<1	<1	<1	<0.2
	MW08-20130910	09/10/13	SoundEarth	<1	<1	<1	<1	<0.2
	DECOMMISSIONED 2013							
MW09	MW09-20111013	10/13/11	SoundEarth	<1	16	22	<1	<0.2
	MW09-20130910	09/10/13	SoundEarth	1.6	15	2.0	<1	<0.2
	DECOMMISSIONED 2013							
MW10	MW10-20111012	10/12/11	SoundEarth	<1	<1	<1	<1	<0.2
	MW10-20130909	09/09/13	SoundEarth	<1	<1	<1	<1	<0.2
	DECOMMISSIONED 2013							
MW11	MW11-20111013	10/13/11	SoundEarth	21	2.6	5.6	<1	<0.2
	MW11-20130909	09/09/13	SoundEarth	39	3.8	3.6	<1	<0.2
	DECOMMISSIONED 2013							
MW12	MW12-20111017	10/17/11	SoundEarth	<1	19	1.3	<1	<0.2
	MW12-20130909	09/09/13	SoundEarth	<1	20	<1	<1	<0.2
	DECOMMISSIONED 2013							
MW17	MW17-20150506	05/06/15	SoundEarth	<1	2.2	<1	<1	<0.2
	MW17-20150804	08/07/15	SoundEarth	<1	1.5	<1	<1	<0.2
	MW17-20151207	12/07/15	SoundEarth	<1	1.5	<1	<1	<0.2
	MW17-20160308	03/08/16	SoundEarth	<1	<1	<1	<1	<0.2
	MW17-20160714	07/14/16	SoundEarth	<1	1.2	<1	<1	<0.2
	MW17-20161020	10/20/16	SoundEarth	<1	2.1	<1	<1	<0.2
	MW17-20170126	01/26/17	SoundEarth	<1	1.9	<1	<1	<0.2
	MW17-20170601	06/01/17	SoundEarth	<1	2.5	<1	<1	<0.2
	MW17-20170923	09/23/17	SoundEarth	<1	2.1	1.2	<1	<0.2
	MW17-20171216	12/16/17	SoundEarth	<1	2.5	1.7	<1	<0.2
	MW17-20180310	03/10/18	SoundEarth	<1	2.6	1.5	<1	<0.2
	MW17-20180630	06/30/18	SoundEarth	<1	2.8	2.2	<1	<0.2
	MW17-20180922	09/22/18	SoundEarth	<1	2.7	2.0	<1	<0.2
	MW17-20181215	12/15/18	SoundEarth	<1	2.9	2.2	<1	<0.2
	MW17-20190615	06/15/19	SoundEarth	<1	3.4	2.2	<1	<0.2
	MW17-20191207	12/07/19	SoundEarth	<1	3.9	2.2	<1	<0.2
	MW17-20200627	06/27/20	SoundEarth	<1	<1	<1	<1	<0.2
	MW17-20201212	12/12/20	SoundEarth	<1	<1	<1	<1	<0.2
	MW17-20210625	06/25/21	SoundEarth	<1	1.7	<1	<1	<0.2
	MW17-20211217	12/17/21	SoundEarth	<1	1.5	<1	<1	<0.2
MW18	MW18-20150506	05/06/15	SoundEarth	<1	46	5.2	<1	<0.2
	MW18-20150803	08/03/15	SoundEarth	<1	51	4.6	<1	<0.2
	MW18-20151208	12/08/15	SoundEarth	<1	51	9.9	<1	<0.2
	MW18-20160308	03/08/16	SoundEarth	<1	44	8.1	<1	<0.2
	MW18-20160714	07/14/16	SoundEarth	<1	3.3	1.7	<1	<0.2
	MW18-20161020	10/20/16	SoundEarth	<1	6.5	4.0	<1	<0.2
	MW18-20170126	01/26/17	SoundEarth	<1	7.7	14	<1	0.25
	MW18-20170601	06/01/17	SoundEarth	<1	3.3	14	<1	0.31
	MW18-20170923	09/23/17	SoundEarth	<1	<1	22	<1	0.38
	MW18-20171216	12/16/17	SoundEarth	<1	<1	22	<1	0.24
	MW18-20180310	03/10/18	SoundEarth	<1	<1	27	<1	0.40
	MW18-20180630	06/30/18	SoundEarth	<1	<1	27	<1	0.43
	MW18-20180922	09/22/18	SoundEarth	<1	<1	21	<1	0.42
	MW18-20181215	12/15/18	SoundEarth	<1	<1	24	<1	0.49
	MW18-20190615	06/15/19	SoundEarth	<1	<1	28	<1	0.44
	MW18-20191207	12/07/19	SoundEarth	<1	<1	28	<1	0.55
	MW18-20200627	06/27/20	SoundEarth	<1	<1	27	<1	1.5
	MW18-20201212	12/12/20	SoundEarth	<1	<1	15	<1	2.4
	MW18-20210625	06/25/21	SoundEarth	<1	<1	1.9	<1	1.7
	MW18-20211217	12/17/21	SoundEarth	<1	<0.5	<1	<1	1.8
	MW18-20220609	06/09/22	SoundEarth	<1	<0.5	<1	<1	1.6
	MW18-20221215	12/15/22	SoundEarth	<1	<0.5	<1	<1	1.1
	MW18-20230622	06/22/23	SoundEarth	<1	<0.5	<1	<1	1.4
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
MW19	MW19-20150507	05/07/15	SoundEarth	<1	69	15	<1	<0.2
	MW19-20150803	08/03/15	SoundEarth	<1	61	20	<1	<0.2
	MW19-20151207	12/07/15	SoundEarth	<1	65	23	<1	<0.2
	MW19-20160308	03/08/16	SoundEarth	<1	52	26	<1	<0.2
	MW19-20160713	07/13/16	SoundEarth	<1	4.6	10	<1	<0.2
	MW19-20161021	10/21/16	SoundEarth	<1	10	4.4	<1	0.40
	MW19-20170125	01/25/17	SoundEarth	<1	5.5	3.9	<1	0.30
	MW19-20170601	06/01/17	SoundEarth	<1	5.7	3.5	<1	0.44
	MW19-20170923	09/23/17	SoundEarth	<1	1.7	3.4	<1	0.97
	MW19-20171216	12/16/17	SoundEarth	<1	1.1	13	<1	0.97
	MW19-20180310	03/10/18	SoundEarth	<1	<1	12	<1	0.78
	MW19-20180630	06/30/18	SoundEarth	<1	<1	12	<1	0.96
	MW19-20180922	09/22/18	SoundEarth	<1	<1	16	<1	0.86
	MW19-20190615	06/15/19	SoundEarth	<1	<1	27	<1	0.79
	MW19-20191207	12/07/19	SoundEarth	<1	<1	35	<1	0.98
	MW19-20200627	06/27/20	SoundEarth	<1	<1	41	<1	0.78
	MW19-20201212	12/12/20	SoundEarth	<1	<1	22	<1	2.6
	MW19-20210625	06/25/21	SoundEarth	<1	<1	<1	<1	1.0
	MW19-20211217	12/17/21	SoundEarth	<1	<0.5	<1	<1	1.5
	MW19-20220609	06/09/22	SoundEarth	<1	<0.5	<1	<1	1.9
	MW19-20221216	12/16/22	SoundEarth	<1	<0.5	<1	<1	1.9
	MW19-20230622	06/22/23	SoundEarth	<1	<0.5	<1	<1	0.25
MW20	MW20-20150506	05/06/15	SoundEarth	<1	<1	1.5	<1	<0.2
	MW20-20150803	08/03/15	SoundEarth	<1	<1	1.2	<1	<0.2
	MW20-20151207	12/07/15	SoundEarth	<1	<1	<1	<1	<0.2
	MW20-20160309	03/09/16	SoundEarth	<1	<1	<1	<1	<0.2
	MW20-20160715	07/15/16	SoundEarth	<1	<1	<1	<1	<0.2
	MW20-20161020	10/20/16	SoundEarth	<1	<1	<1	<1	<0.2
	MW20-20170125	01/25/17	SoundEarth	<1	<1	4.1	<1	<0.2
	MW20-20170601	06/01/17	SoundEarth	<1	<1	1.2	<1	<0.2
	MW20-20170924	09/24/17	SoundEarth	<1	<1	9.5	<1	<0.2
	MW20-20171216	12/16/17	SoundEarth	<1	1.3	15	<1	0.35
	MW20-20180310	03/10/18	SoundEarth	<1	<1	11	<1	<0.2
	MW20-20180630	06/30/18	SoundEarth	<1	<1	7	<1	<0.2
	MW20-20180922	09/22/18	SoundEarth	<1	<1	5.3	<1	<0.2
	MW20-20181215	12/15/18	SoundEarth	<1	<1	4.4	<1	<0.2
	MW20-20190615	06/15/19	SoundEarth	<1	<1	3.8	<1	<0.2
	MW20-20191207	12/07/19	SoundEarth	<1	<1	3.0	<1	<0.2
	MW20-20200627	06/27/20	SoundEarth	<1	1.2	6.1	<1	<0.2
	MW20-20201212	12/12/20	SoundEarth	<1	1.3	6.0	<1	<0.2
	MW20-20210625	06/25/21	SoundEarth	<1	1.6	5.3	<1	<0.2
	MW20-20211217	12/17/21	SoundEarth	<1	0.94	5.2	<1	<0.2
MW21	MW21-20150506	05/06/15	SoundEarth	5.1	1.6	7.2	<1	<0.2
	MW21-20150804	08/04/15	SoundEarth	4.9	1.4	4.5	<1	<0.2
	MW21-20151208	12/08/15	SoundEarth	7.3	2.0	6.7	<1	<0.2
	MW21-20160309	03/09/16	SoundEarth	5.3	1.4	7.9	<1	<0.2
	MW21-20160713	07/13/16	SoundEarth	<1	<1	1.2	<1	<0.2
	MW21-20161020	10/20/16	SoundEarth	<1	<1	1.7	<1	<0.2
	MW21-20170126	01/26/17	SoundEarth	<1	<1	2.4	<1	<0.2
	MW21-20170601	06/01/17	SoundEarth	<1	<1	2.4	<1	<0.2
	MW21-20170923	09/23/17	SoundEarth	<1	<1	3.7	<1	<0.2
	MW21-20171216	12/16/17	SoundEarth	<1	<1	14	<1	0.49
	MW21-20180310	03/10/18	SoundEarth	<1	<1	14	<1	0.43
	MW21-20180630	06/30/18	SoundEarth	<1	<1	6.0	<1	0.29
	MW21-20180922	09/22/18	SoundEarth	<1	<1	6.9	<1	0.30
	MW21-20181215	12/15/18	SoundEarth	<1	<1	16	<1	0.96
	MW21-20190615	06/15/19	SoundEarth	<1	<1	29	<1	1.1
	MW21-20191207	12/07/19	SoundEarth	<1	<1	34	<1	1.3
	MW21-20200627	06/27/20	SoundEarth	<1	<1	13	<1	0.49
	MW21-20201212	12/12/20	SoundEarth	<1	<1	10	<1	1.8
	MW21-20210625	06/25/21	SoundEarth	<1	<1	11	<1	0.86
	MW21-20211217	12/17/21	SoundEarth	<1	<0.5	12	<1	1.3
	MW21-20220609	06/09/22	SoundEarth	<1	<0.5	12	<1	1.9
	MW21-20221215	12/15/22	SoundEarth	<1	<0.5	12	<1	1.4
	MW21-20230623	06/23/23	SoundEarth	<1	<0.5	1.4	<1	2.0
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
MW22	MW22-20150506	05/06/15	SoundEarth	**11**	2.2	**27**	<1	<0.2
	MW22-20150804	08/04/15	SoundEarth	**17**	3.0	**34**	<1	<0.2
	MW22-20151208	12/08/15	SoundEarth	**19**	3.7	**42**	<1	<0.2
	MW22-20160308	03/08/16	SoundEarth	**28**	4.5	**52**	<1	**0.35**
	MW22-20160713	07/13/16	SoundEarth	<1	<1	5.5	<1	<0.2
	MW22-20161020	10/20/16	SoundEarth	<1	<1	6.7	<1	**0.65**
	MW22-20170126	01/26/17	SoundEarth	<1	<1	8.5	<1	**0.51**
	MW22-20170601	06/01/17	SoundEarth	<1	<1	10	<1	**1.5**
	MW22-20170923	09/23/17	SoundEarth	<1	<1	**18**	<1	**1.4**
	MW22-20171216	12/16/17	SoundEarth	<1	<1	**22**	<1	**1.2**
	MW22-20180310	03/10/18	SoundEarth	<1	<1	**22**	<1	**1.3**
	MW22-20180630	06/30/18	SoundEarth	<1	<1	**28**	<1	**1.2**
	MW22-20180922	09/22/18	SoundEarth	<1	<1	**33**	<1	**0.90**
	MW22-20181215	12/15/18	SoundEarth	<1	<1	**37**	<1	**1.2**
	MW22-20190615	06/15/19	SoundEarth	1.1	1.1	**49**	<1	**1.0**
	MW22-20191207	12/07/19	SoundEarth	1.3	1.3	**48**	<1	**1.0**
	MW22-20200627	06/27/20	SoundEarth	1.4	1.3	**42**	<1	**0.99**
	MW22-20201212	12/12/20	SoundEarth	<1	<1	**44**	<1	**1.1**
	MW22-20210625	06/25/21	SoundEarth	1.1	<1	**43**	<1	**0.82**
	MW22-20211217	12/17/21	SoundEarth	<1	0.51	**52**	<1	**1.2**
	MW22-20220609	06/09/22	SoundEarth	<1	<0.5	**52**	<1	**1.3**
	MW22-20221216	12/16/22	SoundEarth	<1	0.52	**58**	<1	**1.1**
	MW22-20230623	06/23/23	SoundEarth	<1	<0.5	**21**	<1	**0.51**
MW23	MW23-20150507	05/07/15	SoundEarth	**6.1**	**18**	13	<1	<0.2
	MW23-20150804	08/04/15	SoundEarth	**6.1**	**24**	**20**	<1	0.20
	MW23-20151208	12/08/15	SoundEarth	3.8	**16**	**120**	<1	**0.57**
	MW23-20160308	03/08/16	SoundEarth	4.1	**14**	**95**	<1	**0.64**
	MW23-20160714	07/14/16	SoundEarth	<1	1.6	14	<1	**2.2**
	MW23-20161020	10/20/16	SoundEarth	<1	2.1	9.9	<1	**0.48**
	MW23-20170126	01/26/17	SoundEarth	<1	2.9	**41**	<1	**1.4**
	MW23-20170601	06/01/17	SoundEarth	<1	2.7	**23**	<1	**0.74**
	MW23-20170923	09/23/17	SoundEarth	<1	1.7	**16**	<1	**0.50**
	MW23-20171216	12/16/17	SoundEarth	<1	1.3	14	<1	**0.51**
	MW23-20180310	03/10/18	SoundEarth	<1	<1	**20**	<1	**0.52**
	MW23-20180630	06/30/18	SoundEarth	<1	<1	14	<1	**0.53**
	MW23-20180922	09/22/18	SoundEarth	<1	<1	16	<1	**0.53**
	MW23-20181215	12/15/18	SoundEarth	<1	<1	**17**	<1	<0.2
	MW23-20190615	06/15/19	SoundEarth	<1	<1	**25**	<1	**0.72**
	MW23-20191207	12/07/19	SoundEarth	<1	<1	**38**	<1	**0.89**
	MW23-20200627	06/27/20	SoundEarth	<1	<1	**30**	<1	**0.76**
	MW23-20201212	12/12/20	SoundEarth	<1	<1	**30**	<1	**0.85**
	MW23-20210625	06/25/21	SoundEarth	<1	<1	**26**	<1	**0.97**
	MW23-20211217	12/17/21	SoundEarth	<1	<0.5	15	<1	**3.7**
MW24	MW24-20150506	05/06/15	SoundEarth	2.5	**31**	**72**	<1	**0.26**
	MW24-20150804	08/04/15	SoundEarth	**5.5**	**28**	**75**	<1	<0.2
	MW24-20151208	12/08/15	SoundEarth	**11**	**28**	**54**	<1	<0.2
	MW24-20160309	03/09/16	SoundEarth	**11**	**23**	**45**	<1	<0.2
	MW24-20160715	07/15/16	SoundEarth	<1	1.7	12	<1	<0.2
	MW98-20160715 (DUP)			<1	1.8	12	<1	<0.2
	MW24-20161020	10/20/16	SoundEarth	<1	2.7	12	<1	**0.26**
	MW24-20170125	01/25/17	SoundEarth	<1	3.5	**20**	<1	**0.81**
	MW24-20170601	06/01/17	SoundEarth	1.1	4.8	**35**	<1	**1.0**
	MW24-20170924	09/24/17	SoundEarth	<1	1.8	**33**	<1	**0.36**
	MW24-20171216	12/16/17	SoundEarth	<1	1.3	**30**	<1	**0.38**
	MW24-20180310	03/10/18	SoundEarth	<1	<1	**25**	<1	**0.36**
	MW24-20180630	06/30/18	SoundEarth	1.5	1.9	**41**	<1	**2.1**
	MW24-20180922	09/22/18	SoundEarth	<1	<1	**35**	<1	**0.37**
	MW24-20181215	12/15/18	SoundEarth	<1	<1	**43**	<1	**0.51**
	MW24-20190615	06/15/19	SoundEarth	<1	<1	**84**	<1	**1.0**
	MW24-20191207	12/07/19	SoundEarth	<1	<1	**83**	<1	**0.94**
	MW24-20200627	06/27/20	SoundEarth	<1	<1	**61**	<1	**0.76**
	MW24-20201212	12/12/20	SoundEarth	<1	<1	**45**	<1	**0.61**
	MW24-20210625	06/25/21	SoundEarth	<1	<1	**37**	<1	**0.67**
	MW24-20211217	12/17/21	SoundEarth	<1	<0.5	**46**	<1	**0.71**
	MW24-20220609	06/09/22	SoundEarth	<1	<0.5	**74**	<1	**1.1**
	MW24-20221216	12/16/22	SoundEarth	<1	<0.5	**64**	<1	**6.1**
	MW24-20230623	06/23/23	SoundEarth	<1	<0.5	<1	<1	**1.5**
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

SoundEarth Strategies

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
MW25	MW25-20150507	05/07/15	SoundEarth	<1	**68**	5.2	<1	<0.2
	MW99-20150507 (DUP)			<1	**69**	5.3	<1	<0.2
	MW25-20150805	08/05/15	SoundEarth	3.0	**75**	7.9	<1	<0.2
	MW99-20150805 (DUP)			2.9	**73**	7.8	<1	<0.2
	MW25-20151209	12/09/15	SoundEarth	**11**	**71**	8.4	<1	<0.2
	MW99-20151209 (DUP)			**11**	**72**	8.3	<1	<0.2
	MW25-20160308	03/08/16	SoundEarth	**24**	**50**	12	<1	<0.2
	MW99-20160308(DUP)			**25**	**50**	12	<1	<0.2
	MW25-20160713	07/13/16	SoundEarth	**6.1**	4.8	**23**	<1	**0.70**
	MW25-20161019	10/19/16	SoundEarth	1.8	**5.1**	15	<1	**0.96**
	MW99-20161019 (DUP)			1.7	5.0	16	<1	**1.0**
	MW25-20170125	01/25/17	SoundEarth	1.0	3.6	**44**	<1	**0.89**
	MW99-20170125 (DUP)			1.1	3.7	**44**	<1	**0.92**
	MW25-20170601	06/01/17	SoundEarth	<1	1.2	15	<1	**0.31**
	MW99-20170601 (DUP)			<1	1.3	15	<1	**0.41**
	MW25-20170923	09/23/17	SoundEarth	<1	<1	15	<1	**0.40**
	MW99-20170923 (DUP)			<1	<1	15	<1	**0.34**
	MW25-20171216	12/16/17	SoundEarth	<1	<1	**23**	<1	**0.41**
	MW99-20171216 (DUP)			<1	<1	**23**	<1	**0.40**
	MW25-20180310	03/10/18	SoundEarth	<1	<1	**25**	<1	**0.32**
	MW99-20180310 (DUP)			<1	<1	**25**	<1	**0.30**
	MW25-20180630	06/30/18	SoundEarth	<1	<1	**31**	<1	**0.52**
	MW99-20180630 (DUP)			<1	<1	**32**	<1	**0.49**
	MW25-20180922	09/22/18	SoundEarth	<1	<1	**37**	<1	**0.46**
	MW99-20180922 (DUP)			<1	<1	**36**	<1	**0.51**
	MW25-20181215	12/15/18	SoundEarth	<1	<1	**40**	<1	**0.60**
	MW99-20181215 (DUP)			<1	<1	**39**	<1	**0.57**
	MW25-20190615	06/15/19	SoundEarth	<1	<1	**45**	<1	**0.54**
	MW99-20190615 (DUP)			<1	<1	**43**	<1	**0.50**
	MW25-20191207	12/07/19	SoundEarth	<1	<1	**40**	<1	**0.63**
	MW99-20191207 (DUP)			<1	<1	**36**	<1	**0.58**
	MW25-20200627	6/27/2020	SoundEarth	<1	<1	**40**	<1	**0.73**
	MW99-20200627 (DUP)			<1	<1	**37**	<1	**0.67**
	MW25-20201212	12/12/20	SoundEarth	<1	<1	**35**	<1	**0.43**
	MW99-20201212 (DUP)			<1	<1	**34**	<1	**0.43**
	MW25-20210625	06/25/21	SoundEarth	<1	<1	**48**	<1	**0.79**
	MW99-20210625 (DUP)			<1	<1	**47**	<1	**0.90**
	MW25-20211217	12/17/21	SoundEarth	<1	0.52	13	<1	**3.6**
	MW99-20211217 (DUP)			<1	0.53	13	<1	**3.7**
	MW25-20220609	06/09/22	SoundEarth	1.3	1.3	9.6	<1	**4.1**
	MW99-20220609 (DUP)			1.3	1.3	9.5	<1	**4.0**
	MW25-20221216	12/16/22	SoundEarth	3.2	3.8	5.9	<1	**2.2**
	MW99-20221216 (DUP)			3.0	3.7	5.7	<1	**2.1**
	MW25-20230623	06/23/23	SoundEarth	2.7	3.2	2.2	<1	**1.3**
	MW99-20230623 (DUP)			2.8	3.4	2.3	<1	**1.3**
IW04	IW04-20150508	05/08/15	SoundEarth	<1	**15**	1.9	<1	<0.2
	IW04-20160309	03/09/16	SoundEarth	<1	2.5	11	<1	<0.2
	IW04-20160714	07/14/16	SoundEarth	<1	<1	<1	<1	<0.2
	IW04-20161021	10/21/16	SoundEarth	<1	<1	1.8	<1	<0.2
	IW04-20170126	01/26/17	SoundEarth	<1	1.1	4.8	<1	<0.2
	IW04-20170601	06/01/17	SoundEarth	<1	1.2	12	<1	**0.21**
	IW04-20170923	09/23/17	SoundEarth	<1	<1	14	<1	**0.22**
	IW04-20171216	12/16/17	SoundEarth	<1	<1	**19**	<1	**0.54**
	IW04-20180310	03/10/18	SoundEarth	<1	<1	9.0	<1	**0.65**
	IW04-20180630	06/30/18	SoundEarth	<1	<1	5.3	<1	**0.68**
	IW04-20180922	09/22/18	SoundEarth	<1	<1	<1	<1	<0.2
	IW04-20181215	12/15/18	SoundEarth	<1	<1	1.9	<1	**1.6**
	IW04-20190615	06/15/19	SoundEarth	<1	<1	1.7	<1	**1.0**
	IW04-20191207	12/07/19	SoundEarth	<1	<1	1.4	<1	**1.1**
	IW04-20200627	06/27/20	SoundEarth	<1	<1	1.1	<1	**0.77**
	IW04-20201212	12/12/20	SoundEarth	<1	<1	1.0	<1	**0.64**
	IW04-20210625	06/25/21	SoundEarth	<1	<1	<1	<1	**0.46**
	IW04-20211217	12/17/21	SoundEarth	<1	<0.5	1.1	<1	**0.34**
	IW04-20220609	06/09/22	SoundEarth	<1	<0.5	<1	<1	**0.34**
	IW04-20221215	12/15/22	SoundEarth	<1	<0.5	<1	<1	**0.28**
	IW04-20230622	06/22/23	SoundEarth	<1	<0.5	<1	<1	**0.26**
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

SoundEarth Strategies

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
IW06	IW06-20150507	05/07/15	SoundEarth	**6.3**	**13**	<1	<1	<0.2
	IW06-20180310	03/10/18	SoundEarth	<1	<1	1.6	<1	<0.2
	IW06-20180630	06/30/18	SoundEarth	<1	<1	<1	<1	<0.2
	IW06-20181215	12/15/18	SoundEarth	1.0	<1	<1	<1	<0.2
	IW06-20190615	06/15/19	SoundEarth	1.7	<1	<1	<1	<0.2
	IW06-20191207	12/07/19	SoundEarth	1.4	<1	<1	<1	<0.2
	IW06-20200627	06/27/20	SoundEarth	<1	<1	5.2	<1	<0.2
	IW06-20201212	12/12/20	SoundEarth	<1	<1	3.3	<1	<0.2
	IW06-20210625	06/25/21	SoundEarth	<1	<1	3.6	<1	**0.59**
	IW06-20211217	12/17/21	SoundEarth	<1	<0.5	<1	<1	<0.2
	IW06-20220609	06/09/22	SoundEarth	<1	<0.5	<1	<1	<0.02
	IW06-20221215	12/15/22	SoundEarth	1.7	<0.5	<1	<1	<0.02
	IW06-20230622	06/22/23	SoundEarth	1.1	<0.5	<1	<1	<0.02
IW50	IW50-20150803	08/03/15	SoundEarth	4.1	8.1	**44**	<1	<0.2
	IW50-20151208	12/08/15	SoundEarth	<1	<1	**140**	<1	**1.8**
	IW50-20160309	03/09/16	SoundEarth	<1	<1	**110**	<1	**1.9**
	IW50-20160715	07/15/16	SoundEarth	3.7	<1	**38**	<1	**2.5**
	IW50-20161021	10/21/16	SoundEarth	3.7	<1	**23**	<1	**1.0**
	IW50-20170126	01/26/17	SoundEarth	**13**	2.1	**34**	<1	**0.74**
	IW50-20170602	06/02/17	SoundEarth	<1	<1	**81**	<1	**0.95**
	IW50-20170924	09/24/17	SoundEarth	<1	<1	**26**	<1	**2.6**
	IW50-20171216	12/16/17	SoundEarth	<1	<1	15	<1	**2.2**
	IW50-20180310	03/10/18	SoundEarth	<1	<1	8.0	<1	**3.6**
	IW50-20180630	06/30/18	SoundEarth	<1	<1	4.5	<1	**2.5**
	IW50-20180922	09/22/18	SoundEarth	<1	<1	5.1	<1	**2.9**
	IW50-20181215	12/15/18	SoundEarth	1.6	<1	15	<1	**4.5**
	IW50-20190615	06/15/19	SoundEarth	**5.2**	2.0	**54**	<1	**7.1**
	IW50-20191207	12/07/19	SoundEarth	4.5	1.6	**55**	<1	**7.4**
	IW50-20200627	06/27/20	SoundEarth	3.9	<1	2.7	<1	**1.1**
	IW50-20201212	12/12/20	SoundEarth	<1	<1	<1	<1	<0.2
	IW50-20210625	06/25/21	SoundEarth	3.7	<1	1.7	<1	**0.85**
	IW50-20211217	12/17/21	SoundEarth	<1	<0.5	2.9	<1	**0.80**
	IW50-20220609	06/09/22	SoundEarth	<1	<0.5	6.9	<1	**2.4**
	IW50-20221216	12/16/22	SoundEarth	4.7	2.1	**35**	<1	**6.4**
	IW50-20230623	06/23/23	SoundEarth	1.8	0.79	**18**	<1	**5.8**
IW61	IW61-20151208	12/08/15	SoundEarth	**10**	2.8	**120**	<1	**0.86**
	IW61-20160309	03/09/16	SoundEarth	**23**	4.2	**140**	<1	**1.7**
	IW61-20160714	07/14/16	SoundEarth	**8.3**	1.6	**24**	<1	**1.6**
	IW61-20161021	10/21/16	SoundEarth	**9.5**	2.8	**34**	<1	**0.96**
	IW61-20170126	01/26/17	SoundEarth	**8.3**	2.9	**32**	<1	**0.96**
	IW61-20170602	06/02/17	SoundEarth	**9.9**	3.4	**41**	<1	**1.3**
	IW61-20170923	09/23/17	SoundEarth	**12**	3.2	**45**	<1	**1.2**
	IW61-20171216	12/16/17	SoundEarth	**15**	3.2	**65**	<1	**1.2**
	IW61-20180310	03/10/18	SoundEarth	**15**	2.7	**71**	<1	**1.1**
	IW61-20180323*	03/23/18	SoundEarth	**15**	2.9	**82**	<1	**1.3**
	IW61-20180630	06/30/18	SoundEarth	**16**	2.5	**67**	<1	**1.7**
	IW61-20180922	09/22/18	SoundEarth	**13**	2.1	**63**	<1	**1.8**
	IW61-20181215	12/15/18	SoundEarth	**15**	2.1	**58**	<1	**2.0**
	IW61-20190615	06/15/19	SoundEarth	**13**	2.4	**71**	<1	**2.9**
	IW61-20191207	12/07/19	SoundEarth	**6.8**	1.7	**65**	<1	**4.0**
	IW61-20200627	06/27/20	SoundEarth	**5.3**	1.1	**63**	<1	**4.5**
	IW61-20201212	12/12/20	SoundEarth	<1	<1	**30**	<1	**4.1**[ca]
	IW61-20210625	06/25/21	SoundEarth	<1	<1	**25**	<20	**1.8**
	IW61-20211217	12/17/21	SoundEarth	<1	<0.5	**41**	<1	**3.8**
	IW61-20220609	06/09/22	SoundEarth	<1	<0.5	**25**	<1	**3.2**
	IW61-20221216	12/16/22	SoundEarth	<1	<0.5	**57**	<1	**2.7**
	IW61-20230623	06/23/23	SoundEarth	<1	<0.5	**36**	<1	**2.7**
MTCA Cleanup Level				**5**[2]	**5**[2]	**16**[3]	**160**[3]	**0.2**[2]

SoundEarth Strategies

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
IW91	IW91-20150506	05/06/15	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20150804	08/04/15	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20151208	12/08/15	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20160309	03/09/16	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20160714	07/14/16	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20161020	10/20/16	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20170126	01/26/17	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20170601	06/01/17	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20170923	09/23/17	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20171216	12/16/17	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20180310	03/10/18	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20180630	06/30/18	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20180922	09/22/18	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20181215	12/15/18	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20190615	06/15/19	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20191207	12/07/19	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20200627	06/27/20	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20201212	12/12/20	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20210625	06/25/21	SoundEarth	<1	<1	<1	<1	<0.2
	IW91-20211217	12/17/21	SoundEarth	<1	<0.5	<1	<2	<0.2
Boren Avenue North								
MW04	MW04-20110527	05/27/11	SoundEarth	<1	**15**	<1	<1	<0.2
	MW04-20111012	10/12/11	SoundEarth	<1	**15**	<1	<1	<0.2
	MW04-20130909	09/09/13	SoundEarth	<1	**22**	15	<1	<0.2
	MW04-20150508	05/08/15	SoundEarth	1.4	**13**	4.2	<1	<0.2
	MW04-20150806	08/06/15	SoundEarth	<1	**6.9**	1.0	<1	<0.2
	MW04-20151209	12/09/15	SoundEarth	<1	**9.2**	<1	<1	<0.2
	MW04-20160308	03/08/16	SoundEarth	<1	**9.6**	1.1	<1	<0.2
	MW04-20160713	07/13/16	SoundEarth	1.0	**8.9**	1.3	<1	<0.2
	MW04-20161019	10/19/16	SoundEarth	<1	**5.5**	<1	<1	<0.2
	MW04-20170124	01/24/17	SoundEarth	<1	**9.4**	<1	<1	<0.2
	MW04-20170531	05/31/17	SoundEarth	<1	**9.3**	<1	<1	<0.2
	MW04-20170921	09/21/17	SoundEarth	<1	**5.7**	3.2	<1	<0.2
	MW04-20171214	12/14/17	SoundEarth	<1	**8.0**	2.4	<1	<0.2
	MW04-20180309	03/09/18	SoundEarth	<1	**8.6**	<1	<1	<0.2
	MW04-20180629	06/29/18	SoundEarth	<1	**9.4**	<1	<1	<0.2
	MW04-20180920	09/20/18	SoundEarth	<1	**9.4**	<1	<1	<0.2
	MW04-20181214	12/14/18	SoundEarth	<1	**10**	<1	<1	<0.2
	MW04-20190614	06/14/19	SoundEarth	<1	**11**	<1	<1	<0.2
	MW04-20191205	12/05/19	SoundEarth	<1	**11**	<1	<1	<0.2
	MW04-20200626	06/26/20	SoundEarth	<1	**10**	<1	<1	<0.2
	MW04-20201211	12/11/20	SoundEarth	<1	**9.2**	<1	<1	<0.2
	MW04-20210624	06/24/21	SoundEarth	<1	**11**	<1	<1	<0.2
	MW04-20211215	12/15/21	SoundEarth	<1	**7.8**	<1	<1	<0.2
	MW04-20220607	06/07/22	SoundEarth	<1	**9.2**	<1	<1	<0.02
	MW04-20221214	12/14/22	SoundEarth	<1	**8.2**	<1	<1	<0.02
	MW04-20230622	06/22/23	SoundEarth	<1	**9.3**	<1	<1	<0.02
MW05	MW05-20110527	05/27/11	SoundEarth	**39**	**16**	1.8	<1	<0.2
	MW05-20111012	10/12/11	SoundEarth	**29**	**14**	1.5	<1	<0.2
	MW05-20130910	09/10/13	SoundEarth	**21**	**13**	1.9	<1	<0.2
	DECOMMISSIONED 2015							
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
MW07	MW07-20110531	05/31/11	SoundEarth	1.4	**12**	2.3	<1	<0.2
	MW07-20111012	10/12/11	SoundEarth	2.2	**11**	1.8	<1	<0.2
	MW07-20130909	09/09/13	SoundEarth	1.5	**33**	5.4	<1	<0.2
	MW07-20150508	05/08/15	SoundEarth	2.5	**15**	4.8	<1	<0.2
	MW07-20150805	08/05/15	SoundEarth	1.8	**12**	3.2	<1	<0.2
	MW07-20151209	12/09/15	SoundEarth	2.3	**14**	4.1	<1	<0.2
	MW07-20160308	03/08/16	SoundEarth	2.6	**13**	3.8	<1	<0.2
	MW07-20160713	07/13/16	SoundEarth	3.0	**18**	5.7	<1	<0.2
	MW07-20161019	10/19/16	SoundEarth	3.5	**13**	2.3	<1	<0.2
	MW07-20170124	01/24/17	SoundEarth	4.8	**8.1**	<1	<1	<0.2
	MW07-20170531	05/31/17	SoundEarth	4.7	**8.6**	<1	<1	<0.2
	MW07-20180308	03/08/18	SoundEarth	2.6	**11**	1.1	<1	<0.2
	MW07-20180629	06/29/18	SoundEarth	3.3	**7.3**	<1	<1	<0.2
	MW07-20180920	09/20/18	SoundEarth	2.8	**6.0**	<1	<1	<0.2
	MW07-20181214	12/14/18	SoundEarth	3.3	**6.7**	<1	<1	<0.2
	MW07-20190614	06/14/19	SoundEarth	3.9	**5.9**	<1	<1	<0.2
	MW07-20191205	12/05/19	SoundEarth	3.3	**5.9**	<1	<1	<0.2
	MW07-20200630	06/30/20	SoundEarth	<1	**5.8**	<1	<1	<0.2
	MW07-20201210	12/10/20	SoundEarth	1.7	**18**	3.2	<1	<0.2
	MW07-20210623	06/23/21	SoundEarth	1.8	**15**	3.4	<1	<0.2
	MW07-20211215	12/15/21	SoundEarth	2.0	**7.2**	<1	<1	<0.2
	MW07-20220607	06/07/22	SoundEarth	2.9	**6.5**	<1	<1	<0.02
	MW07-20221214	12/14/22	SoundEarth	2.5	**5.9**	<1	<1	<0.02
	MW07-20230622	06/22/23	SoundEarth	2.4	**5.1**	<1	<1	<0.02
MW13	MW13-20111020	10/20/11	SoundEarth	**5.1**	1.2	<1	<1	<0.2
	MW13-20130910	09/10/13	SoundEarth	**11**	1.4	<1	<1	<0.2
	MW13-20150511	05/11/15	SoundEarth	4.6[ct]	1.7[ct]	<1[ct]	<1[ct]	<0.2[ct]
	MW13-20150805	08/05/15	SoundEarth	**5.4**	2.3	<1	<1	<0.2
	MW13-20151215	12/15/15	SoundEarth	**5.6**	1.6	<1	<1	<0.2
	MW13-20160307	03/07/16	SoundEarth	**6.6**	1.6	<1	<1	<0.2
	MW13-20160712	07/12/16	SoundEarth	**6.5**	1.6	<1	<1	<0.2
	MW13-20161019	10/19/16	SoundEarth	**10**	2.2	<1	<1	<0.2
	MW13-20170124	01/24/17	SoundEarth	**6.4**	1.0	<1	<1	<0.2
	MW13-20170531	05/31/17	SoundEarth	**10**	1.5	<1	<1	<0.2
	MW13-20170921	09/21/17	SoundEarth	**8.4**	1.8	<1	<1	<0.2
	MW13-20171214	12/14/17	SoundEarth	**5.2**	1.4	<1	<1	<0.2
	MW13-20180308	03/08/18	SoundEarth	**8.0**	1.4	<1	<1	<0.2
	MW13-20180629	06/29/18	SoundEarth	**4.4**	<1	<1	<1	<0.2
	MW13-20180920	09/20/18	SoundEarth	**6.5**	1.3	<1	<1	<0.2
	MW13-20181214	12/14/18	SoundEarth	**7.8**	1.4	<1	<1	<0.2
	MW13-20190614	06/14/19	SoundEarth	**7.0**	1.1	<1	<1	<0.2
	MW13-20191205	12/05/19	SoundEarth	**7.7**	1.1	<1	<1	<0.2
	MW13-20200626	06/26/20	SoundEarth	**9.1**	1.8	<1	<1	<0.2
	MW13-20201210	12/10/20	SoundEarth	**7.2**	1.6	<1	<1	<0.2
	MW13-20210623	06/23/21	SoundEarth	4.1	<1	<1	<1	<0.2
	MW13-20211216	12/16/21	SoundEarth	**5.2**	1.0	<1	<1	<0.2
	MW13-20220608	06/08/22	SoundEarth	5.0	0.86	<1	<1	<0.02
	MW13-20221214	12/114/22	SoundEarth	4.8	0.57	<1	<1	<0.02
	MW13-20230622	06/22/23	SoundEarth	4.3	<0.5	<1	<1	<0.02
MW27	MW27-20151210	12/10/15	SoundEarth	<1	**21**	2.5	<1	<0.2
	MW27-20160307	03/07/16	SoundEarth	<1	**21**	3.8	<1	<0.2
	MW27-20160713	07/13/16	SoundEarth	<1	**18**	4.5	<1	<0.2
	MW27-20161019	10/19/16	SoundEarth	<1	**23**	4.8	<1	<0.2
	MW27-20170124	01/24/17	SoundEarth	<1	**33**	13	<1	<0.2
	MW27-20170531	05/31/17	SoundEarth	<1	**18**	5.5	<1	<0.2
	MW27-20170921	09/21/17	SoundEarth	<1	**16**	4.0	<1	<0.2
	MW27-20171214	12/14/17	SoundEarth	<1	**81**	4.4	<1	<0.2
	MW27-20171229	12/29/17	SoundEarth	<1	**60**	3.5	<1	<0.2
	MW27-20180308	03/08/18	SoundEarth	<1	**13**	<1	<1	<0.2
	MW27-20180628	06/28/18	SoundEarth	<1	**37**	3.4	<1	<0.2
	MW27-20180920	09/20/18	SoundEarth	<1	**21**	3.7	<1	<0.2
	MW27-20181214	12/14/18	SoundEarth	<1	**17**	4.3	<1	<0.2
	MW27-20190614	06/14/19	SoundEarth	<1	**14**	2.3	<1	<0.2
	MW27-20191205	12/05/19	SoundEarth	<1	**15**	2.2	<1	<0.2
	MW27-20200626	06/26/20	SoundEarth	<1	**30**	2.9	<1	<0.2
	MW27-20201210	12/10/20	SoundEarth	<1	**69**	3.7	<1	<0.2
	MW27-20210623	06/23/21	SoundEarth	<1	**80**	4.3	<1	<0.2
	MW27-20211215	12/15/21	SoundEarth	<1	**28**	8.2	<1	<0.2
	MW27-20220608	06/08/22	SoundEarth	<1	**16**	2.7	<1	<0.02
	MW27-20221215	12/15/22	SoundEarth	<1	**16**	4.6	<1	<0.02
	MW27-20230621	06/21/23	SoundEarth	<1	**15**	5.3	<1	<0.02
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
MW31	MW31-20191009	10/09/19	SoundEarth	<1	1.8	<1	<1	<0.2
	MW31-20191205	12/05/19	SoundEarth	<1	3.3	<1	<1	<0.2
	MW31-20200701	07/01/20	SoundEarth	<1	**12**	<1	<1	<0.2
	MW31-20201211	12/11/20	SoundEarth	<1	**17**	<1	<1	<0.2
	MW31-20210624	06/24/21	SoundEarth	<1	5.0	<1	<1	<0.2
	MW31-20211215	12/15/21	SoundEarth	<1	**6.3**	<1	<1	<0.2
	MW31-20220607	06/07/22	SoundEarth	<1	4.2	<1	<1	<0.02
	MW31-20221214	12/14/22	SoundEarth	<1	3.5	<1	<1	<0.02
	MW31-2023021	06/21/23	SoundEarth	<1	4.1	<1	<1	<0.02
Terry Avenue North								
MW15	MW15-20121211	12/11/12	SoundEarth	<1	**8.2**	<1	<1	<0.2
	MW15-20121221	12/21/12	SoundEarth	<1	**7.2**	<1	<1	<0.2
	MW15-20130910	09/10/13	SoundEarth	<1	**8.6**	<1	<1	<0.2
	MW15-20150508	05/08/15	SoundEarth	<1	**6.5**	<1	<1	<0.2
	MW15-20150805	08/05/15	SoundEarth	<1	**5.3**	<1	<1	<0.2
	MW15-20151209	12/09/15	SoundEarth	<1	**6.8**	<1	<1	<0.2
	MW15-20160308	03/08/16	SoundEarth	<1	**6.7**	<1	<1	<0.2
	MW15-20160713	07/13/16	SoundEarth	<1	**5.8**	<1	<1	<0.2
	MW15-20161018	10/18/16	SoundEarth	<1	**5.3**	<1	<1	<0.2
	MW15-20170125	01/25/17	SoundEarth	<1	**7.4**	<1	<1	<0.2
	MW15-20170531	05/31/17	SoundEarth	<1	**7.9**	<1	<1	<0.2
	MW15-20170922	09/22/17	SoundEarth	<1	3.9	<1	<1	<0.2
	MW15-20171215	12/15/17	SoundEarth	<1	3.0	<1	<1	<0.2
	MW15-20180309	03/09/18	SoundEarth	<1	3.3	<1	<1	<0.2
	MW15-20180629	06/29/18	SoundEarth	<1	5.1	<1	<1	<0.2
	MW15-20180920	09/20/18	SoundEarth	<1	**6.9**	<1	<1	<0.2
	MW15-20181214	12/14/18	SoundEarth	<1	**7.0**	<1	<1	<0.2
	MW15-20190613	06/13/19	SoundEarth	<1	**6.8**	<1	<1	<0.2
	MW15-20191205	12/05/19	SoundEarth	<1	4.9	<1	<1	<0.2
	MW15-20200626	06/26/20	SoundEarth	<1	1.2	<1	<1	<0.2
	MW15-20201211	12/11/20	SoundEarth	<1	<1	<1	<1	<0.2
	WELL DAMAGED 2021							
MW34	MW34-20211216	12/16/21	SoundEarth	<1	**5.3**	<1	<1	<0.2
	MW34-20220607	06/07/22	SoundEarth	<1	**5.9**	<1	<1	<0.02
	MW34-20221214	12/14/22	SoundEarth	<1	**5.2**	<1	<1	<0.02
	MW34-20230621	06/21/23	SoundEarth	<1	4.8	<1	<1	<0.02
Thomas Street								
MW14	MW14-20111020	10/20/11	SoundEarth	<1	<1	<1	<1	<0.2
	MW14-20130911	09/11/13	SoundEarth	<1	<1	<1	<1	<0.2
	DECOMMISSIONED 2013							
MW16	MW16-20121211	12/11/12	SoundEarth	**16**	**12**	**220**	<1	**0.69**
	MW16-20130911	09/11/13	SoundEarth	**6.4**	**5.0**	**610**	<1	**1.9**
	MW16-20150508	05/08/15	SoundEarth	**7.5**	**7.6**	**640**	<1	**2.8**
	MW16-20150805	08/05/15	SoundEarth	**7.8**	**7.3**	**550**	<1	**2.4**
	MW16-20151210	12/10/15	SoundEarth	**5.3**	4.5	**510**	<1	**3.2**
	MW16-20160308	03/08/16	SoundEarth	3.7	2.0	**190**	<1	**1.3**
	MW16-20160712	07/12/16	SoundEarth	<1	<1	**160**	<1	**2.0**
	MW16-20161019	10/19/16	SoundEarth	5.0	**5.4**	**170**	<1	**1.2**
	MW16-20170125	01/25/17	SoundEarth	**6.4**	**6.8**	**220**	<1	**0.98**
	MW16-20170531	05/31/17	SoundEarth	**5.7**	4.4	**100**	<1	**0.49**
	MW16-20170922	09/22/17	SoundEarth	**5.4**	**5.2**	**78**	<1	**0.40**
	MW16-20171229	12/29/17	SoundEarth	**7.2**	**6.4**	**150**	<1	**0.89**
	MW16-20180309	03/09/18	SoundEarth	**7.3**	**5.5**	**80**	<1	**0.35**
	WELL DAMAGED 2018							
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

SoundEarth Strategies

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
MW28	MW28-20190315	03/15/19	SoundEarth	**7.7**	4.7	**67**	<1	**0.47**
	MW28-20190613	06/13/19	SoundEarth	**9.0**	**5.7**	**80**	<1	**0.35**
	MW28-20191009	10/09/19	SoundEarth	**8.7**	**6.1**	**72**	<1	**0.31**
	MW28-20191204	12/04/19	SoundEarth	**8.4**	**4.9**	**52**	<1	**0.27**
	MW28-20200626	06/26/20	SoundEarth	**9.1**	**5.1**	**22**	<1	<0.2
	MW28-20201211	12/11/20	SoundEarth	**8.3**	4.9	**19**	<1	<0.2
	MW28-20210521	05/21/21	SoundEarth	**9.2**	4.3	**17**	<1	<0.2
	MW28-20210623	06/23/21	SoundEarth	**7.0**	3.5	14	<1	<0.2
	MW28-20210817	08/17/21	SoundEarth	**7.6**	3.9	**18**	<1	<0.2
	MW28-20210921	09/21/21	SoundEarth	**7.5**	3.4	15	<1	0.10
	MW28-20211216	12/16/21	SoundEarth	**5.2**	2.8	**17**	<1	<0.2
	MW28-20220609	06/09/22	SoundEarth	2.7	1.4	**23**	<1	0.082
	MW28-20221215	12/15/22	SoundEarth	2.9	1.2	**17**	<1	0.067
	MW28-20230621	06/21/23	SoundEarth	<1	<0.5	5.6	<1	<0.02
Fairview Avenue North								
MW-C	MW-C-20130911	09/11/13	SoundEarth	<1	<1	<1	<1	<0.2
Harrison Street								
MW01	MW01-20110525	05/25/11	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20111011	10/11/11	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20130910	09/10/13	SoundEarth	<1	1.4	<1	<1	<0.2
	MW01-20150806	08/06/15	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20160308	03/08/16	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20160712	07/12/16	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20161018	10/18/16	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20170124	01/24/17	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20170531	05/31/17	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20171214	12/14/17	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20180309	03/09/18	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20180628	06/28/18	SoundEarth	<1	1.1	<1	<1	<0.2
	MW01-20180920	09/20/18	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20181214	12/14/18	SoundEarth	<1	1.1	<1	<1	<0.2
	MW01-20190614	06/14/19	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20191205	12/05/19	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20200626	06/26/20	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20201211	12/11/20	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20210624	06/24/21	SoundEarth	<1	<1	<1	<1	<0.2
	MW01-20211215	12/15/21	SoundEarth	<1	0.50	<1	<1	<0.2
	MW01-20220607	06/07/22	SoundEarth	<1	0.73	<1	<1	<0.02
	MW01-20221214	12/14/22	SoundEarth	<1	<0.5	<1	<1	<0.02
	MW01-20230621	06/21/23	SoundEarth	<1	<0.5	<1	<1	<0.02
MW02	MW02-20110525	05/25/11	SoundEarth	<1	**5.2**	<1	<1	<0.2
	MW02-20111011	10/11/11	SoundEarth	<1	3.0	<1	<1	<0.2
	MW02-20130911	09/11/13	SoundEarth	<1	3.6	<1	<1	<0.2
	DECOMMISSIONED 2015							
MW03	MW03-20110527	05/27/11	SoundEarth	<1	<1	<1	<1	<0.2
	MW03-20111011	10/11/11	SoundEarth	<1	<1	<1	<1	<0.2
	MW03-20130911	09/11/13	SoundEarth	<1	<1	<1	<1	<0.2
	DECOMMISSIONED 2015							
MW26	MW26-20151210	12/10/15	SoundEarth	<1	**11**	<1	<1	<0.2
	MW26-20160307	03/07/16	SoundEarth	<1	**10**	<1	<1	<0.2
	MW26-20160712	07/12/16	SoundEarth	<1	**12**	<1	<1	<0.2
	MW26-20161018	10/18/16	SoundEarth	<1	**12**	<1	<1	<0.2
	MW26-20170124	01/24/17	SoundEarth	<1	**13**	<1	<1	<0.2
	MW26-20170531	05/31/17	SoundEarth	<1	**7.9**	<1	<1	<0.2
	MW26-20170921	09/21/17	SoundEarth	<1	**7.1**	<1	<1	<0.2
	MW26-20171214	12/14/17	SoundEarth	<1	**15**	1.4	<1	<0.2
	MW26-20180309	03/09/18	SoundEarth	<1	**6.0**	<1	<1	<0.2
	MW26-20180628	06/28/18	SoundEarth	<1	**18**	<1	<1	<0.2
	MW26-20180920	09/20/18	SoundEarth	<1	**18**	<1	<1	<0.2
	MW26-20181214	12/14/18	SoundEarth	<1	**20**	<1	<1	<0.2
	MW26-20190614	06/14/19	SoundEarth	<1	**20**	<1	<1	<0.2
	MW26-20191205	12/05/19	SoundEarth	<1	**13**	<1	<1	<0.2
	MW26-20200626	06/26/20	SoundEarth	<1	**13**	<1	<1	<0.2
	MW26-20201211	12/11/20	SoundEarth	<1	4.0	<1	<1	<0.2
	MW26-20210624	06/24/21	SoundEarth	<1	**6.6**	<1	<1	<0.2
	MW26-20211215	12/15/21	SoundEarth	<1	**7.9**	<1	<1	<0.2
	MW26-20220608	06/08/22	SoundEarth	<1	3.5	<1	<1	0.038
	MW26-20221214	12/14/22	SoundEarth	<1	**10**	<1	<1	<0.2
	MW26-20230622	06/22/23	SoundEarth	<1	**11**	<1	<1	<0.02
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

SoundEarth Strategies

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
MW32	MW32-20191009	10/09/19	SoundEarth	<1	<1	<1	<1	<0.2
	MW32-20191205	12/05/19	SoundEarth	<1	<1	<1	<1	<0.2
	MW32-20200626	06/26/20	SoundEarth	<1	<1	<1	<1	<0.2
	MW32-20201212	12/12/20	SoundEarth	<1	<1	<1	<1	<0.2
	MW32-20210624	06/24/21	SoundEarth	<1	<1	<1	<1	<0.2
	MW32-20211215	12/15/21	SoundEarth	<1	<0.5	<1	<1	<0.2
	MW32-20220607	06/07/22	SoundEarth	<1	<0.5	<1	<1	<0.02
	MW32-20221214	12/14/22	SoundEarth	<1	<0.5	<1	<1	<0.02
	MW32-20230621	06/21/23	SoundEarth	<1	<0.5	<1	<1	<0.02
MW33	MW33-20191009	10/09/19	SoundEarth	<1	<1	<1	<1	<0.2
	MW33-20191205	12/05/19	SoundEarth	<1	<1	<1	<1	<0.2
	--	06/26/20	SoundEarth	Well dry, unable to sample				
	--	12/10/20	SoundEarth	Well dry, unable to sample				
	MW33-20210624	06/24/21	SoundEarth	<1	<1	<1	<1	<0.2
	MW33-20211216	12/16/21	SoundEarth	<1	<0.5	<1	<1	<0.2
	MW33-20220607	06/07/22	SoundEarth	<1	<0.5	<1	<1	<0.02
	MW33-20221213	12/13/22	SoundEarth	<1	<0.5	<1	<1	<0.02
	MW33-20230620	06/20/23	SoundEarth	<1	<0.5	<1	<1	<0.02
SMW06	SMW06-20130910	09/10/13	SoundEarth	<1	<1	<1	<1	<0.2
Westlake Avenue North								
SMW09	SMW09-20130910	09/10/13	SoundEarth	<1	<1	<1	<1	<0.2
South-Adjoining Property								
MW29	MW29-20191008	10/08/19	SoundEarth	**8.6**	**9.4**	**52**	<1	**0.64**
	MW29-20191204	12/04/19	SoundEarth	**16**	**12**	**26**	<1	**0.40**
	MW29-20200626	06/26/20	SoundEarth	**18**	**13**	**16**	<1	0.20
	MW29-20201210	12/10/20	SoundEarth	**18**	**13**	**18**	<1	<0.2
	MW29-20210622	06/22/21	SoundEarth	**14**	**11**	16	<1	<0.2
	MW29-20211215	12/15/21	SoundEarth	**15**	**12**	14	<1	<0.2
	MW29-20220607	06/07/22	SoundEarth	**20**	**15**	10	<1	0.13
	DECOMMISSIONED 2022							
MW30	MW30-20191008	10/08/19	SoundEarth	<1	3.6	**24**	<1	<0.2
	MW30-20191204	12/04/19	SoundEarth	<1	2.0	11	<1	<0.2
	MW30-20200626	06/26/20	SoundEarth	<1	1.0	3.6	<1	<0.2
	MW30-20201210	12/10/20	SoundEarth	<1	2.4	13	<1	<0.2
	MW30-20210623	06/23/21	SoundEarth	<1	2.0	7.4	<1	<0.2
	MW30-20211215	12/15/21	SoundEarth	<1	2.2	5.2	<1	<0.2
	MW30-20220606	06/06/22	SoundEarth	<1	2.3	3.5	<1	0.029
	DECOMMISSIONED 2022							
ONNI-MW-4	ONNI-MW-4-20191208	12/08/19	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-4-20200625	06/25/20	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-4-20201210	12/10/20	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-4-20210622	06/22/21	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-4-20211215	12/15/21	SoundEarth	<1	<0.5	<1	<1	<0.2
	DECOMMISSIONED 2022							
ONNI-MW-5	ONNI-MW-5-20191208	12/08/19	SoundEarth	<1	<1	<1	<1	**0.28**
	ONNI-MW-5-20200206	02/06/20	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-5-20200625	06/25/20	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-5-20201209	12/09/20	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-5-20210623	06/23/21	SoundEarth	<1	<1	<1	<1	<0.2
	ONNI-MW-5-20211214	12/14/21	SoundEarth	<1	<0.5	<1	<1	<0.2
	DECOMMISSIONED 2022							
ONNI-MW-9	ONNI-MW-9-20211214	12/14/21	SoundEarth	<1	<0.5	1.3	<1	<0.2
	ONNI-MW-9-20220606	06/06/22	SoundEarth	<1	<0.5	<1	<1	<0.02
	DECOMMISSIONED 2022							
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

Table 2
Groundwater Analytical Results for CVOCs
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	PCE[1] (µg/L)	TCE[1] (µg/L)	cis-1-2-DCE[1] (µg/L)	trans-1-2-DCE[1] (µg/L)	Vinyl Chloride[1] (µg/L)
North-Adjoining Property								
SLU-MW01	MW01-20120229	02/29/12[4]	SoundEarth	<1	<1	<1	<1	<0.2
	DECOMMISSIONED 2013							
SLU-MW02	MW02-20120229	02/29/12[4]	SoundEarth	<1	<1	<1	<1	<0.2
	DECOMMISSIONED 2013							
MTCA Cleanup Level				**5[2]**	**5[2]**	**16[3]**	**160[3]**	**0.2[2]**

NOTES:

Red denotes concentrations exceeding the MTCA Method cleanup level for groundwater.

[1]Analyzed by EPA Method 8260C, 8021B, or 8240.

[2]MTCA Method A Cleanup Levels, Table 720-1 of WAC 173-340-900.

[3]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Groundwater, Method B, Non-Carcinogen, Standard Formula Value, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[4]Sample data compiled from reports on file at the Washington State Department of Ecology.

Laboratory Notes:

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

[cf]The sample was centrifuged prior to analysis.

[ve]Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

*The sample was collected with a passive diffusion bag.

< = not detected at a concentration exceeding laboratory reporting limit

µg/L = micrograms per liter

CLARC = Cleanup Levels and Risk Calculations

CVOC = chlorinated volatile organic compound

DCE = dichloroethene

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene

WAC = Washington Administrative Code

SoundEarth Strategies

Table 2A
Groundwater CVOCs Results Summary
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Groundwater CVOCs Analytical Results[1]

Sampling Event		On-Property Wells																															
		MW17				MW18				MW19				MW20				MW21				MW22				MW23				MW24			
Year	Quarter	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC
2015	2																																
	3																																
	4																																
2016	1																																
	3																																
	4																																
2017	1																																
	2																																
	3																																
	4																																
2018	1																																
	2																																
	3																																
	4																																
2019	2																																
	4																																
2020	2																																
	4																																
2021	2																																
	4																																
2022	2																																
	4																																
2023	2																																

Sampling Event		On-Property Wells																								Boren Avenue North							
		MW25				IW04				IW06				IW50				IW61				IW91				MW04				MW07			
Year	Quarter	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC
2015	2																																
	3																																
	4																																
2016	1																																
	3																																
	4																																
2017	1																																
	2																																
	3																																
	4																																
2018	1																																
	2																																
	3																																
	4																																
2019	2																																
	4																																
2020	2																																
	4																																
2021	2																																
	4																																
2022	2																																
	4																																
2023	2																																

Sampling Event		Boren Avenue North												Terry Avenue North								Thomas Street								Harrison Street			
		MW13				MW27				MW31				MW15[4]				MW34[4]				MW16[3]				MW28[3]				MW01			
Year	Quarter	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC
2015	2																																
	3																																
	4																																
2016	1																																
	3																																
	4																																
2017	1																																
	2																																
	3																																
	4																																
2018	1																																
	2																																
	3																																
	4																																
2019	2																																
	4																																
2020	2																																
	4																																
2021	2																																
	4																																
2022	2																																
	4																																
2023	2																																

Sampling Event		Harrison Street												South-Adjoining Property								ONNI Property											
		MW26				MW32				MW33				MW29				MW30				ONNI-MW-4				ONNI-MW-5				ONNI-MW-9			
Year	Quarter	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC	PCE	TCE	DCE[2]	VC
2015	2																																
	3																																
	4																																
2016	1																																
	3																																
	4																																
2017	1																																
	2																																
	3																																
	4																																
2018	1																																
	2																																
	3																																
	4																																
2019	2																																
	4																																
2020	2																																
	4																																
2021	2																																
	4																																
2022	2																																
	4																																
2023	2																																

NOTES:

Denotes CVOC concentration does not exceed the Applicable MTCA cleanup level.

Denotes CVOC concentration exceeds the applicable MTCA cleanup level.

Denotes well not sampled and/or inaccessible.

Sample analyses conducted by Friedman & Bruya, Inc. of Seattle, Washington.

No trans-1,2-DCE has been detected above the reporting limit for samples collected at this site.

[1]Samples analyzed by EPA Method 8260C.

[2]DCE refers to the greater concentration of cis-1,2-DCE.

[3]Monitoring well MW16 destroyed during ROW construction in 2018, and replacement well MW28 installed.

CVOC = chlorinated volatile organic compound

DCE = dichloroethene

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethene

ROW = right-of-way

TCE = trichloroethene

VC = vinyl chloride

VOC = volatile organic compound

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
Troy Laundry Property										
MW06	MW06-20110531	05/31/11	SoundEarth	330[x]	<250	<100	<1	<1	<1	<3
	MW06-20111011	10/10/11	SoundEarth	83[x]	<250	<100	<1	<1	<1	<3
	MW06-20130909	09/09/13	SoundEarth	150[x]	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2013									
MW08	MW08-20111013	10/13/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW08-20130910	09/10/13	SoundEarth	120[x]	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2013									
MW09	MW09-20111013	10/13/11	SoundEarth	240[x]	<250	1,400	<1	<1	2.7	10
	MW09-20130910	09/10/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2013									
MW10	MW10-20111012	10/12/11	SoundEarth	68[x]	<250	<100	<1	<1	<1	<3
	MW10-20130909	09/09/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2013									
MW11	MW11-20111013	10/13/11	SoundEarth	110[x]	<250	<100	<1	<1	<1	<3
	MW11-20130909	09/09/13	SoundEarth	97[x]	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2013									
MW12	MW12-20111017	10/17/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW12-20130909	09/09/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2013									
MW17	MW17-20150506	05/06/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20150804	08/04/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20151207	12/07/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20160308	03/08/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20160714	07/14/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20161020	10/20/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20170126	01/26/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20170601	06/01/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20170923	09/23/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20171216	12/16/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW17-20180310	03/10/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW17-20180630	06/30/18	SoundEarth	<60	<300	<100	<1	<1	<1	<3
	MW17-20180922	09/22/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW17-20181215	12/15/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW17-20190615	06/15/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW17-20191207	12/07/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW17-20200627	06/27/20	SoundEarth	<50	<250	<100	<1	<1	<1	<3
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW18	MW18-20150506	05/06/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW18-20150803	08/03/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW18-20151208	12/08/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW18-20160308	03/08/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW18-20160714	07/14/16	SoundEarth	31,000[x, ip]	5,100[x, ip]	<100	<0.35	<1	<1	<3
	MW18-20161020	10/20/16	SoundEarth	61,000[x, ip]	<8,400[x, ip]	1,100[x]	<0.35	<1	<1	<3
	MW18-20170126	01/26/17	SoundEarth	22,000[x, ip]	3,500[x, ip]	840	<0.35	<1	<1	<3
	MW18-20170601	06/01/17	SoundEarth	77,000[x, ip]	1,600[x, ip]	470	<0.35	<1	<1	<3
	MW18-20170923	09/23/17	SoundEarth	34,000[x]	<3,500	210	<0.35	<1	<1	<3
	MW18-20171216	12/16/17	SoundEarth	18,000[x, ip]	<2,500[ip]	380	<0.35	<1	<1	<3
	MW18-20180310	03/10/18	SoundEarth	6,000[x]	<2,500	390	<1	1.3	<1	<3
	MW18-20180630	06/30/18	SoundEarth	12,000[x]	1,600[x]	230	<1	1.3	<1	12
	MW18-20180922	09/22/18	SoundEarth	1,400[x, ip]	<2,500[ip]	290	<1	<1	<1	6.9
	MW18-20181215	12/15/18	SoundEarth	1,600[x]	490[x]	<100	<1	<1	<1	<3
	MW18-20190615	06/15/19	SoundEarth	1,100[x]	830[x]	<100	<1	<1	<1	<3
	MW18-20191207	12/07/19	SoundEarth	830[x]	480[x]	<100	<1	<1	<1	<3
	MW18-20200627	06/27/20	SoundEarth	260[x]	<250	<100	<1	<1	<1	<3
MW19	MW19-20150507	05/07/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW19-20150803	08/03/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW19-20151207	12/07/15	SoundEarth	85[x]	<250	<100	<0.35	<1	<1	<3
	MW19-20160308	03/08/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW19-20160713	07/13/16	SoundEarth	21,000[x, ip]	4,100[x, ip]	<100	<0.35	<1	<1	<3
	MW19-20161021	10/21/16	SoundEarth	18,000[x, ip]	2,300[x, ip]	<100	<0.35	<1	<1	<3
	MW19-20170125	01/25/17	SoundEarth	29,000[x]	4,400[x]	210[x]	<0.35	<1	<1	<3
	MW19-20170601	06/01/17	SoundEarth	31,000[x, ip]	3,400[x, ip]	180	<0.35	<1	<1	<3
	MW19-20170923	09/23/17	SoundEarth	27,000[x, ip]	<3,000[ip]	150	<0.35	<1	<1	<3
	MW19-20171216	12/16/17	SoundEarth	9,700[x, ip]	<2,500[ip]	470	<0.35	<1	<1	<3
	MW19-20180310	03/10/18	SoundEarth	1,600[x]	<2,500	250	<1	<1	<1	<3
	MW19-20180630	06/30/18	SoundEarth	13,000[x]	820[x]	310	<1	<1	<1	9.6
	MW19-20180922	09/22/18	SoundEarth	3,300[x, ip]	<2,500[ip]	300	<1	<1	<1	5.0
	MW19-20190615	06/15/19	SoundEarth	650[x]	430[x]	<100	<1	<1	<1	<3
	MW19-20191207	12/07/19	SoundEarth	610[x]	690[x]	<100	<1	<1	<1	<3
	MW19-20200627	06/27/20	SoundEarth	150[x]	380[x]	<100	<1	<1	<1	<3
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW20	MW20-20150506	05/06/15	SoundEarth	120[x]	<250	<100	<0.35	<1	<1	<3
	MW20-20150803	08/03/15	SoundEarth	140[x]	<250	<100	<0.35	<1	<1	<3
	MW20-20151207	12/07/15	SoundEarth	84[x]	<250	<100	<0.35	<1	<1	<3
	MW20-20160309	03/09/16	SoundEarth	130[x]	<300	<100	<0.35	<1	<1	<3
	MW20-20160715	07/15/16	SoundEarth	150[x]	<250	<100	<0.35	<1	<1	<3
	MW20-20161020	10/20/16	SoundEarth	110[x]	<250	<100	<0.35	<1	<1	<3
	MW20-20170125	01/25/17	SoundEarth	64[x]	<250	<100	<0.35	<1	<1	<3
	MW20-20170601	06/01/17	SoundEarth	94[x]	<250	<100	<0.35	<1	<1	<3
	MW20-20170924	09/24/17	SoundEarth	130[x]	<300	<100	<0.35	<1	<1	<3
	MW20-20171216	12/16/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW20-20180310	03/10/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW20-20180630	06/30/18	SoundEarth	120[x]	<250	<100	<1	<1	<1	<3
	MW20-20180922	09/22/18	SoundEarth	100[x]	<250	<100	<1	<1	<1	<3
	MW20-20181215	12/15/18	SoundEarth	72[x]	<250	<100	<1	<1	<1	<3
	MW20-20190615	06/15/19	SoundEarth	140[x]	<250	<100	<1	<1	<1	<3
	MW20-20191207	12/07/19	SoundEarth	80[x]	<250	<100	<1	<1	<1	<3
	MW20-20200627	06/27/20	SoundEarth	91[x]	<250	<100	<1	<1	<1	<3
MW21	MW21-20150506	05/06/15	SoundEarth	160[x]	<250	<100	<0.35	<1	<1	<3
	MW21-20150804	08/04/15	SoundEarth	150[x]	<250	<100	<0.35	<1	<1	<3
	MW21-20151208	12/08/15	SoundEarth	110[x]	<250	<100	<0.35	<1	<1	<3
	MW21-20160309	03/09/16	SoundEarth	120[x]	<250	<100	<0.35	<1	<1	<3
	MW21-20160713	07/13/16	SoundEarth	12,000[x]	2,700[x]	<100	<0.35	<1	<1	<3
	MW21-20161020	10/20/16	SoundEarth	77,000[x, ip]	8,600[x, ip]	<100	<0.35	<1	<1	<3
	MW21-20170126	01/26/17	SoundEarth	16,000[x, ip]	10,000[x, ip]	<100	<0.35	<1	<1	<3
	MW21-20170601	06/01/17	SoundEarth	48,000[x, ip]	18,000[x, ip]	130	<0.35	<1	<1	<3
	MW21-20170923	09/23/17	SoundEarth	67,000[x, ip]	7,700[x, ip]	220	<0.35	<1	<1	<3
	MW21-20171216	12/16/17	SoundEarth	27,000[x]	<2,500	390	<0.35	<1	<1	<3
	MW21-20180310	03/10/18	SoundEarth	23,000[x]	<2,500	130	<1	<1	<1	<3
	MW21-2018630	06/30/18	SoundEarth	65,000[x, ip]	5,200[x, ip]	670	<1	3.0	11	11
	MW21-20180922	09/22/18	SoundEarth	53,000[x, ip]	8,600[x, ip]	400	<1	<1	<1	3.4
	MW21-20181215	12/15/18	SoundEarth	47,000[x]	2,100[x]	180	<1	<1	<1	6.5
	MW21-20190615	06/15/19	SoundEarth	6,400[x]	<2,500	<100	<1	<1	<1	3.8
	MW21-20191207	12/07/19	SoundEarth	21,000[x]	2,100[x]	300	<1	<1	<1	4.8
	MW21-20200627	06/27/20	SoundEarth	120,000[x]	3,500[x, ip]	1,100	1.8	5.9	<1	19
	MW21-20201212	12/12/20	SoundEarth	36,000[x]	6,500[x]	460	--	--	--	--
	MW21-20210625	06/25/21	SoundEarth	74,000[x,ve]	5,400[x]	1,000	--	--	--	--
	MW21-20211217	12/17/21	SoundEarth	48,000[x]	5,800[x]	<1,000	--	--	--	--
	MW21-20220609	06/09/22	SoundEarth	47,000[x]	3,700[x]	210	--	--	--	--
	MW21-20221215	12/15/22	SoundEarth	14,000[x]	4,200[x]	200	--	--	--	--
	MW21-20230623	06/23/23	SoundEarth	5,900[x]	3,800[x]	<100	--	--	--	--
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

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Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW22	MW22-20150506	05/06/15	SoundEarth	97[x]	<250	<100	<0.35	<1	<1	<3
	MW22-20150804	08/05/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW22-20151208	12/08/15	SoundEarth	69[x]	<300	<100	<0.35	<1	<1	<3
	MW22-20160308	03/08/16	SoundEarth	110[x]	<250	<100	<0.35	<1	<1	<3
	MW22-20160713	07/13/16	SoundEarth	8,000[x, ip]	2,100[x, ip]	140	<0.35	<1	<1	<3
	MW22-20161020	10/20/16	SoundEarth	29,000[x, ip]	7,500[x, ip]	130	<0.35	<1	<1	<3
	MW22-20170126	01/26/17	SoundEarth	13,000[x, ip]	13,000[x, ip]	730	<0.35	<1	<1	<3
	MW22-20170601	06/01/17	SoundEarth	59,000[x]	8,700[x]	660	<0.35	<1	<1	<3
	MW22-20170923	09/23/17	SoundEarth	85,000[x,ip]	<2,500[ip]	390	<0.35	<1	<1	<3
	MW22-20171216	12/16/17	SoundEarth	58,000[x,ip]	<3,000[ip]	1,800	<0.35	<1	<1	<3
	MW22-20180310	03/10/18	SoundEarth	50,000[x]	<2,500	530	<0.35	<1	<1	10
	MW22-20180630	06/30/18	SoundEarth	86,000[x, ip]	4,500[x, ip]	620	<1	<1	<1	34
	MW22-20180922	09/22/18	SoundEarth	73,000[x, ip]	6,800[x, ip]	320	<1	<1	<1	21
	MW22-20181215	12/15/18	SoundEarth	49,000[x]	7,700[x]	180	<1	<1	<1	14
	MW22-20190615	06/15/19	SoundEarth	24,000[x]	4,600[x]	170	<1	<1	<1	21
	MW22-20191207	12/07/19	SoundEarth	40,000[x]	3,400[x]	810	<1	<1	<1	74
	MW22-20200627	06/27/20	SoundEarth	25,000[x]	1,100[x]	340	<1	<1	<1	4.3
	MW22-20201212	12/12/20	SoundEarth	12,000[x]	4,100[x]	570	--	--	--	--
	MW22-20210625	06/25/21	SoundEarth	20,000[x]	1,800[x]	540	--	--	--	--
	MW22-20211217	12/17/21	SoundEarth	47,000[x]	5,700[x]	<1,000	--	--	--	--
	MW22-20220609	06/09/22	SoundEarth	7,800[x]	630[x]	<100	--	--	--	--
	MW22-20221216	12/16/22	SoundEarth	12,000[x]	2,200[x]	150	--	--	--	--
	MW22-20230623	06/23/23	SoundEarth	2,900[x]	1,500[x]	120	--	--	--	--
MW23	MW23-20150507	05/07/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW23-20150804	08/04/15	SoundEarth	520[x]	<250	<100	<0.35	<1	<1	<3
	MW23-20151208	12/08/15	SoundEarth	190[x]	<300	<100	<0.35	<1	<1	<3
	MW23-20160308	03/08/16	SoundEarth	410[x]	<250	<100	<0.35	<1	<1	<3
	MW23-20160714	07/14/16	SoundEarth	26,000[x, ip]	1,500[x, ip]	190	<0.35	<1	<1	<3
	MW23-20161020	10/20/16	SoundEarth	80,000[x, ip]	<5,000[ip]	350	<0.35	<1	<1	<3
	MW23-20170126	01/26/17	SoundEarth	14,000[x, ip]	5,600[x, ip]	240	<0.35	<1	<1	<3
	MW23-20170601	06/01/17	SoundEarth	140,000[x, ip]	4,000[x, ip]	210	<0.35	<1	<1	<3
	MW23-20170923	09/23/17	SoundEarth	140,000[x]	<2,500	170	<0.35	<1	<1	<3
	MW23-20171216	12/16/17	SoundEarth	110,000[x, ip]	<2,500[ip]	2,200	<0.35	<1	<1	<3
	MW23-20180310	03/10/18	SoundEarth	11,000[x]	<2,500	600	<1	<1	<1	4.6
	MW23-20180630	06/30/18	SoundEarth	30,000[x]	1,000[x]	540	<1	<1	<1	31
	MW23-20180922	09/22/18	SoundEarth	19,000[x, ip]	<2,600[ip]	150	<1	<1	<1	11
	MW23-20181215	12/15/18	SoundEarth	14,000[x]	500[x]	180	<1	<1	<1	7.1
	MW23-20190615	06/15/19	SoundEarth	3,400[x]	<2,500	260	<1	<1	<1	7.1
	MW23-20191207	12/07/19	SoundEarth	1,400[x]	790[x]	<100	<1	<1	<1	<3
	MW23-20200627	06/27/20	SoundEarth	360[x]	<250	<100	<1	<1	<1	<3
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

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Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW24	MW24-20150506	05/06/15	SoundEarth	93[x]	<250	<100	<0.35	<1	<1	<3
	MW24-20150804	08/04/15	SoundEarth	94[x]	<250	<100	<0.35	<1	<1	<3
	MW24-20151208	12/08/15	SoundEarth	240[x]	<250	<100	<0.35	<1	<1	<3
	MW24-20160309	03/09/16	SoundEarth	130[x]	<250	<100	<0.35	<1	<1	<3
	MW24-20160715	07/15/16	SoundEarth	13,000[x, ip]	1,400[x, ip]	<100	<0.35	<1	<1	<3
	MW98-20160715 (DUP)		SoundEarth	11,000[x, ip]	1,900[x, ip]	<100	<0.35	<1	<1	<3
	MW24-20161020	10/20/16	SoundEarth	3,200[x,ip]	1,900[x,ip]	<100	<0.35	<1	<1	<3
	MW24-20170125	01/25/17	SoundEarth	12,000[x]	2,000[x]	<100	<0.35	<1	<1	<3
	MW24-20170601	06/01/17	SoundEarth	510,000[x, ip]	27,000[x, ip]	<100	<0.35	<1	<1	<3
	MW24-20170601	09/24/17	SoundEarth	39,000[x, ip]	<3,000[ip]	250	<0.35	<1	<1	<3
	MW24-20171216	12/16/17	SoundEarth	10,000[x]	<3,000	990	<0.35	<1	<1	<3
	MW24-20180310	03/10/18	SoundEarth	990[x]	<2,500	460	<1	<1	<1	3.7
	MW24-20180630	06/30/18	SoundEarth	75,000[x, ip]	7,700[x,ip]	2,700	<1	3.6	6.5	110
	MW24-20180922	09/22/18	SoundEarth	7,800[x, ip]	<2,500[ip]	190	<1	<1	<1	7.5
	MW24-20181215	12/15/18	SoundEarth	20,000[x]	2,700[x]	<100	<1	<1	<1	<3
	MW24-20190615	06/15/19	SoundEarth	6,400[x]	<2,500	<100	<1	<1	<1	<3
	MW24-20191207	12/07/19	SoundEarth	7,100[x]	1,400[x]	<100	<1	<1	<1	<3
	MW24-20200627	06/27/20	SoundEarth	700[x, ip]	570[x, ip]	<100	<1	<1	<1	<3
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

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Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW25	MW25-20150507	05/07/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW99-20150507 (DUP)			<50	<250	<100	<0.35	<1	<1	<3
	MW25-20150805	08/05/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW99-20150805 (DUP)			<50	<250	<100	<0.35	<1	<1	<3
	MW25-20151209	12/09/15	SoundEarth	86[x]	<250	<100	<0.35	<1	<1	<3
	MW99-20151209 (DUP)			100[x]	<300	<100	<0.35	<1	<1	<3
	MW25-20160308	03/08/16	SoundEarth	190[x]	<250	<100	<0.35	<1	<1	<3
	MW99-20160308(DUP)			160[x]	<250	<100	<0.35	<1	<1	<3
	MW25-20160713	07/13/16	SoundEarth	43,000[x]	5,000[x]	110	<0.35	<1	<1	<3
	MW25-20161019	10/19/16	SoundEarth	26,000[x]	1,500[x]	160	--	--	--	--
	MW99-20161019(DUP)			29,000[x]	1,600[x]	160	--	--	--	--
	MW25-20170125	01/25/17	SoundEarth	8,200[x]	340[x]	120[x]	<0.35	<1	<1	<3
	MW99-20170125(DUP)			6,900[x]	350[x]	150[x]	<0.35	<1	<1	<3
	MW25-20170601	06/01/17	SoundEarth	50,000[x, ip]	<1,000[ip]	370	<0.35	<1	<1	<3
	MW99-20170601(DUP)			46,000[x, ip]	<1,000[ip]	410	<0.35	<1	<1	<3
	MW25-20170923	09/23/17	SoundEarth	12,000[x, ip]	<2,500[ip]	270	<0.35	<1	<1	<3
	MW99-20170923(DUP)			13,000[x, ip]	<2,500[ip]	220	<0.35	<1	<1	<3
	MW25-20171216	12/16/17	SoundEarth	4,000[x, ip]	<3,000[ip]	580	<0.35	<1	<1	<3
	MW99-20171216 (DUP)			4,000[x, ip]	<3,000[ip]	700	<0.35	<1	<1	<3
	MW25-20180310	03/10/18	SoundEarth	3,300[x]	<2,500	490	<1	<1	<1	4.7
	MW99-20180310 (DUP)			3,800[x]	<2,500	510	<1	<1	<1	4.5
	MW25-20180630	06/30/18	SoundEarth	5,300[x, ip]	630[x, ip]	490	<1	<1	<1	31
	MW99-20180630 (DUP)			5,500[x, ip]	410[x, ip]	340	<1	<1	<1	26
	MW25-20180922	09/22/18	SoundEarth	1,500[x, ip]	<2,500[ip]	300	<1	<1	<1	17
	MW99-20180922 (DUP)			1,900[x, ip]	<2,500[ip]	160	<1	<1	<1	13
	MW25-20181215	12/15/18	SoundEarth	1,100[x]	<250	<100	<1	<1	<1	<3
	MW99-20181215 (DUP)			960[x]	<250	<100	<1	<1	<1	<3
	MW25-20190615	06/15/19	SoundEarth	1,000[x]	<2,500	<100	<1	<1	<1	<3
	MW99-20190615 (DUP)			1,100[x]	<2,500	<100	<1	<1	<1	<3
	MW25-20191207	12/07/19	SoundEarth	240[x]	<250	<100	<1	<1	<1	<3
	MW99-20191207 (DUP)			300[x]	<250	<100	<1	<1	<1	<3
	MW25-20200627	06/27/20	SoundEarth	130[x]	<250	<100	<1	<1	<1	<3
	MW99-20200627 (DUP)			190[x]	<250	<100	<1	<1	<1	<3
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4][5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
IW04	IW04-20150508	05/08/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW04-20170601	06/01/17	SoundEarth	--	--	--	<0.35	<1	<1	<3
IW06	IW06-20150507	05/07/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
IW50	IW50-20150803	08/03/15	SoundEarth	5,000[x]	<250	<100	<0.35	<1	<1	<3
	IW50-20160715	07/15/16	SoundEarth	39,000[x]	1,900[x]	640	<0.35	<1	<1	<3
IW91	IW91-20150506	05/06/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20150804	08/04/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20151208	12/08/15	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	IW91-20160309	03/09/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20160714	07/14/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20161020	10/20/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20170126	01/26/17	SoundEarth	200[x]	<300	<100	<0.35	<1	<1	<3
	IW91-20170601	06/01/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20170923	09/23/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20171216	12/16/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	IW91-20180310	03/10/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	IW91-20180630	06/30/18	SoundEarth	<60	<300	<100	<1	<1	<1	<3
	IW91-20180922	09/22/18	SoundEarth	<60	<300	<100	<1	<1	<1	<3
	IW91-20181215	12/15/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	IW91-20190615	06/15/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	IW91-20191207	12/07/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	IW91-20200627	06/27/20	SoundEarth	60[x]	<250	<100	<1	<1	<1	<3
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4][5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
Boren Avenue North										
MW04	MW04-20110527	05/27/11	SoundEarth	<50	<250	<100	<1	1.3	<1	<3
	MW04-20111012	10/12/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20130909	09/09/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20150508	05/08/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW04-20150806	08/06/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW04-20151209	12/09/15	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	MW04-20160308	03/08/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW04-20160713	07/13/16	SoundEarth	<56	<280	<100	<0.35	<1	<1	<3
	MW04-20161019	10/19/16	SoundEarth	<50	<250	<100	--	--	--	--
	MW04-20170124	01/24/17	SoundEarth	150[x]	<250	<100	<0.35	<1	<1	<3
	MW04-20170531	05/31/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW04-20170921	09/21/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW04-20171214	12/14/17	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	MW04-20180309	03/09/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20180629	06/29/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20180920	09/20/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20181214	12/14/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20190614	06/14/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20191205	12/05/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW04-20200626	06/26/20	SoundEarth	130[x]	<250	<100	<1	<1	<1	<3
MW05	MW05-20110527	05/27/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW05-20111012	10/12/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW05-20130910	09/10/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2015									
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4][5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW07	MW07-20110531	05/31/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW07-20111012	10/12/11	SoundEarth	240[x]	<250	<100	<1	<1	<1	<3
	MW07-20130909	09/09/13	SoundEarth	120[x]	<250	<100	<1	<1	<1	<3
	MW07-20150508	05/08/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW07-20150805	08/05/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW07-20151209	12/09/15	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	MW07-20160308	03/08/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW07-20160713	07/13/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW07-20161019	10/19/16	SoundEarth	76[x]	<250	<100	--	--	--	--
	MW07-20170124	01/24/17	SoundEarth	120[x]	<250	<100	<0.35	<1	<1	<3
	MW07-20170531	05/31/17	SoundEarth	54[x]	<250	<100	<0.35	<1	<1	<3
	MW07-20180308	03/08/18	SoundEarth	<50	<250	<100	<1	<1	<1	<1
	MW07-20180629	06/29/18	SoundEarth	<60	<300	<100	<1	<1	<1	<3
	MW07-20180920	09/20/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW07-20181214	12/14/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW07-20190614	06/14/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW07-20191205	12/05/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW07-20200630	06/30/20	SoundEarth	<50	<250	<100	<1	<1	<1	<3
MW13	MW13-20111020	10/20/11	SoundEarth	150[x]	<250	<100	<1	<1	<1	<3
	MW13-20130910	09/10/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20150511	05/11/15	SoundEarth	<70	<350	<100	<0.35[cf]	<1[cf]	<1[cf]	<3[cf]
	MW13-20150805	08/05/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW13-20151215	12/15/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW13-20160307	03/07/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW13-20160712	07/12/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW13-20161019	10/19/16	SoundEarth	<50	<250	<100	--	--	--	--
	MW13-20170124	01/24/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW13-20170531	05/31/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW13-20170921	09/21/17	SoundEarth	120[x]	<300	<100	<0.35	<1	<1	<3
	MW13-20171214	12/14/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW13-20180308	03/08/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20180629	06/29/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20180920	09/20/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20181214	12/14/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20190614	06/14/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20191205	12/05/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20200626	06/26/20	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW13-20201210	12/10/20	SoundEarth	80[x]	<250	<100	<1	<1	<1	<3
	MW13-20210623	06/23/21	SoundEarth	100[x]	<300	<100	<1	<1	<1	<3
	MW13-20211216	12/16/21	SoundEarth	<50	<250	<100	--	--	--	--
	MW13-20220608	06/08/22	SoundEarth	<50	<250	<100	--	--	--	--
	MW13-20221214	12/14/22	SoundEarth	88[x]	<280	<100	--	--	--	--
	MW13-20230622	06/22/23	SoundEarth	<50	<250	<100	--	--	--	--
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW27	MW27-20151210	12/10/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW27-20160307	03/07/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW27-20160713	07/13/16	SoundEarth	<52	<260	<100	<0.35	<1	<1	<3
	MW27-20161019	10/19/16	SoundEarth	<50	<250	<100	--	--	--	--
	MW27-20170124	01/24/17	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	MW27-20170531	05/31/17	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	MW27-20170921	09/21/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW27-20171214	12/14/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW27-20180308	03/08/18	SoundEarth	540[x]	<250	<100	<1	<1	<1	<3
	MW27-20180628	06/28/18	SoundEarth	<60	<300	<100	<1	<1	<1	<3
	MW27-20180920	09/20/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW27-20181214	12/14/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW27-20190614	06/14/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW27-20191205	12/05/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW27-20200626	06/26/20	SoundEarth	<50	<250	<100	<1	<1	<1	<3
Terry Avenue North										
MW15	MW15-20121211	12/11/12	SoundEarth	--	--	<100	<0.35	<1	<1	<3
	MW15-20130910	09/10/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW15-20150508	05/08/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20150805	08/05/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20151209	12/09/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20160308	03/08/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20160713	07/13/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20161018	10/18/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20170125	01/25/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20170531	05/31/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20170922	09/22/17	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	MW15-20171215	12/15/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW15-20180309	03/09/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW15-20180629	06/29/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW15-20180920	09/20/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW15-20181214	12/14/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW15-20190613	06/13/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW15-20191205	12/05/19	SoundEarth	78[x]	<250	<100	<1	<1	<1	<3
	MW15-20200626	06/26/20	SoundEarth	<52	<250	<100	<1	<1	<1	<3
	Well Damaged 2021									
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
Thomas Street										
MW14	MW14-20111020	10/20/11	SoundEarth	160[x]	<250	<100	<1	<1	<1	<3
	MW14-20130911	09/11/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED									
MW16	MW16-20121211	12/11/12	SoundEarth	420[x]	<250	640	<0.35	<1	<1	1.1
	MW16-20130911	09/11/13	SoundEarth	170[x]	<250	110	<1	<1	<1	<3
	MW16-20150508	05/08/15	SoundEarth	150[x]	<250	<100	<0.35	<1	<1	<3
	MW16-20150805	08/05/15	SoundEarth	210[x]	<250	<100	<0.35	<1	<1	<3
	MW16-20151210	12/10/15	SoundEarth	420[x]	<250	110	<0.35	<1	<1	<3
	MW16-20160308	03/08/16	SoundEarth	410[x]	<250	140	<0.35	<1	<1	<3
	MW16-20160712	07/12/16	SoundEarth	**510**[x]	<250	130	<0.35	<1	<1	<3
	MW16-20161019	10/19/16	SoundEarth	310[x]	<250	<100	--	--	--	--
	MW16-20170125	01/25/17	SoundEarth	140[x]	<250	<100	<0.35	<1	<1	<3
	MW16-20170531	05/31/17	SoundEarth	**740**[x]	<250	140	<0.35	<1	<1	<3
	MW16-20170922	09/22/17	SoundEarth	**570**	<250	130	<0.35	<1	<1	<3
	MW16-20171229	12/29/17	SoundEarth	160[x]	<250	120	<0.35	<1	<1	<3
	MW16-20180309	03/09/18	SoundEarth	260[x]	<250	120	<1	<1	<1	<3
	WELL DAMAGED 2018									
MW28	MW28-20190613	06/13/19	SoundEarth	140[x]	<250	160	<1	<1	<1	<3
	MW28-20191205	12/05/19	SoundEarth	98[x]	<250	150	<1	<1	<1	<3
	MW28-20200626	06/26/20	SoundEarth	120[x]	<250	140	<1	<1	<1	<3
	MW28-20201211	12/11/20	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW28-20210623	06/23/21	SoundEarth	120[x]	<250	<100	<1	<1	<1	<3
	MW28-20211216	12/16/21	SoundEarth	190[x]	600	<100	--	--	--	--
	MW28-20220609	06/09/22	SoundEarth	190	350	<100	--	--	--	--
	MW28-20221215	12/15/22	SoundEarth	160[x]	<260	<100	<0.35	<1	<1	<3
	MW28-20230621	06/21/23	SoundEarth	67[x]	<250	<100	--	--	--	--
Fairview Avenue North										
MW-C	MW-C-20130911	09/11/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

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Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
Harrison Street										
MW01	MW01-20110525	05/25/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20111011	10/11/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20130910	09/10/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20150806	08/06/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW01-20160308	03/08/16	SoundEarth	<65	<330	<100	<0.35	<1	<1	<3
	MW01-20160712	07/12/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW01-20161018	10/18/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW01-20170124	01/24/17	SoundEarth	<25	<125	<100	<0.35	<1	<1	<3
	MW01-20170531	05/31/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW01-20171214	12/14/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW01-20180309	03/09/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20180628	06/28/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20180920	09/20/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20181214	12/14/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20190614	06/14/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20191205	12/05/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW01-20200626	06/26/20	SoundEarth	57[x]	<250	<100	<1	<1	<1	<3
MW02	MW02-20110525	05/25/11	SoundEarth	100[x]	<250	<100	<1	<1	<1	<3
	MW02-20111011	10/11/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW02-20130911	09/11/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2015									
MW03	MW03-20110527	05/27/11	SoundEarth	130[x]	<250	<100	<1	<1	<1	<3
	MW03-20111011	10/11/11	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW03-20130911	09/11/13	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	DECOMMISSIONED 2015									
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4] [5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

SoundEarth Strategies

Table 3
Groundwater Analytical Results for Petroleum Hydrocarbons
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Sample Location	Sample Identification	Sample Date	Sampled By	DRPH[1] (µg/L)	ORPH[1] (µg/L)	GRPH[2] (µg/L)	Benzene[3] (µg/L)	Toluene[3] (µg/L)	Ethylbenzene[3] (µg/L)	Total Xylenes[3] (µg/L)
MW26	MW26-20151210	12/10/15	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW26-20160307	03/07/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW26-20160712	07/12/16	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW26-20161018	10/18/16	SoundEarth	59[x]	<250	<100	<0.35	<1	<1	<3
	MW26-20170124	01/24/17	SoundEarth	<60	<300	<100	<0.35	<1	<1	<3
	MW26-20170531	05/31/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW26-20170921	09/21/17	SoundEarth	130[x]	<250	<100	<0.35	<1	<1	<3
	MW26-20171214	12/14/17	SoundEarth	<50	<250	<100	<0.35	<1	<1	<3
	MW26-20180309	03/09/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW26-20180628	06/28/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW26-20180920	09/20/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW26-20181214	12/14/18	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW26-20190614	06/14/19	SoundEarth	<50	<250	<100	<1	<1	<1	<3
	MW26-20191205	12/05/19	SoundEarth	**680**[x]	<250	<100	<1	<1	<1	<3
	MW26-20200626	06/26/20	SoundEarth	<50	<250	<100	<1	<1	<1	<3
SMW06	SMW06-20130910	09/10/13	SoundEarth	130[x]	<250	400	<1	<1	3.5	3.7
Westlake Avenue North										
SMW09	SMW09-20130910	09/10/13	SoundEarth	79[x]	<250	<100	<1	<1	<1	<3
North-Adjoining Property										
SLU-MW01	MW01-20120229	02/29/12[6]	SoundEarth	150	<250	--	--	--	--	--
	DECOMMISSIONED 2013									
SLU-MW02	MW02-20120229	02/29/12[6]	SoundEarth	<50	<250	--	--	--	--	--
	DECOMMISSIONED 2013									
MTCA Cleanup Level				**500[4]**	**500[4]**	**1,000/800[4][5]**	**5[4]**	**1,000[4]**	**700[4]**	**1,000[4]**

NOTES:

Red denotes concentrations exceeding the MTCA Method cleanup level for groundwater.

[1]Analyzed by Method NWTPH-Dx. The supply well samples collected in August 2010 were passed through a silica gel column prior to analysis to remove organic interference.

[2]Analyzed by EPA Method 418.1 or Method NWTPH-Gx.

[3]Analyzed by EPA Method 8260C, 8021B, or 8240.

[4]MTCA Method A Cleanup Levels, Table 720-1 of WAC 173-340-900.

[5]1,000 µg/L when benzene is not present and 800 µg/L when benzene is present.

[6]Sample data compiled from reports on file at the Washington State Department of Ecology.

Laboratory Notes:

[cf]The sample was centrifuged prior to analysis.

[ip]Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

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

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

-- = not analyzed, measured, or calculated

< = not detected at a concentration exceeding laboratory reporting limit

µg/L = micrograms per liter

DRPH = diesel-range petroleum hydrocarbons

EPA = US Environmental Protection Agency

GRPH = gasoline-range petroleum hydrocarbons

MTCA = Washington State Model Toxics Control Act

NWTPH = Northwest Total Petroleum Hydrocarbon

ORPH = heavy oil-range petroleum hydrocarbons

SoundEarth = SoundEarth Strategies, Inc.

WAC = Washington Administrative Code

Table 4
Natural Attenuation Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	Analytical Results										
			Dissolved Oxygen[1] (mg/L)	Chloride[2] (mg/L)	Nitrate[2] (mg/L)	Total Manganese[3] (µg/L)	Total Iron[3] (mg/L)	Ferrous Iron[4] (mg/L)	Ferric Iron[5] (mg/L)	Sulfate[2] (mg/L)	Methane[6] (µg/L)	Ethane[6] (µg/L)	Ethene[6] (µg/L)
Troy Laundry Property													
MW18	MW18-20150506	05/06/15	1.99	16.2	5.44	83.7	0.0919	0.0400	0.0519	47.0	<5	<10	<10
	MW18-20150803	08/03/15	2.66	--	--	--	--	--	--	--	--	--	--
	MW18-20151208	12/08/15	1.64	--	--	--	--	--	--	43.6	<5	<10	<10
	MW18-20160714	07/14/16	0.47	--	--	--	--	--	--	1.54	170	<10	<10
	MW18-20170126	01/26/17	1.50	--	--	--	--	--	--	--	2,200	<10	<10
	MW18-20170601	06/01/17	0.58	19.2[D]	--	--	--	--	--	--	3,500	<10	<10
	MW18-20170923	09/23/17	0.48	15.4[D]	--	--	--	--	--	--	3,900	<10	<10
	MW18-20171216	12/16/17	0.77	21.5[D]	--	--	--	--	--	--	2,400	<10	<10
	MW18-20180310	03/10/18	0.38	19.0[D]	--	--	--	--	--	--	4,700	<10	<10
	MW18-20180630	06/30/18	0.68	17.0[D]	--	--	--	--	--	--	6,300	<10	<10
	MW18-20180922	09/22/18	0.19	17.4[D]	--	--	--	--	--	--	4,200[ve]	<10	<10
	MW18-20181215	12/15/18	0.62	--	<1.00[D,H]	10,800	12.300	<0.0500[H]	--	<3.00[D]	6,400	<10	<10
	MW18-20190615	06/15/19	0.30	--	<0.100[H]	10,100	13.500	8.35[D,H]	--	0.422[H]	5,290[D]	<809[D]	<757[D]
	MW18-20191207	12/07/19	0.69	--	<0.100[H]	9,660	13.800	15.6[D,H]	--	<0.300	2,230[D]	<16.2	<15.1
	MW18-20200627	06/27/20	0.18	--	<0.100[H]	8,960	14.300	19.9[D,H]	--	0.479	5,520[D]	<16.2	<15.1
	MW18-20201212	12/12/20	2.98	--	<0.100[H]	7,980	12.900	17.6[D,H]	--	6.23	8,780[D]	<16.2	<15.1
	MW18-20210625	06/25/21	0.91	--	--	8,900	13.900	16.3[D,H]	--	<3.00[D]	5,190[D]	<15.1	<14.6
	MW18-20211217	12/17/21	0.13	--	<0.100[H]	9,610	15.700	11.0[D,H]	--	<0.600	8,110[D]	<15.1	<14.6
	MW18-20220609	06/09/22	0.30	--	<0.500[DH]	9,920	15.800	17.3[D,H]	--	<3.00[D]	12,900[D]	<15.1	<14.6
	MW18-20221215	12/15/22	0.16	--	<2.00[D]	9,320	18.200	1.19[D]	--	0.259[J]	6,840[D]	<15.1	<14.6
	MW18-20230622	06/22/23	0.18	--	<0.500[D,H]	7,740	18.600	18.4[D,H]	--	<3.00[D]	2,930[D]	<15.1	<14.6
MW19	MW19-20150507	05/07/15	1.75	15.9	4.98	71.6	0.156	<0.0300	0.156	50.3	<5	<10	<10
	MW19-20150803	08/03/15	2.33	--	--	--	--	--	--	--	--	--	--
	MW19-20190615	06/15/19	0.28	--	<0.100[H]	11,400	10.000	7.81[D,H]	--	0.380[H]	2,530[D]	<324[D]	<303[D]
	MW19-20191207	12/07/19	0.54	--	<0.100[H]	9,030	13.300	12.6[D,H]	--	<0.300	6,520[D]	<16.2	<15.1
	MW19-20200627	06/27/20	0.27	--	<0.100[H]	14,000	18.100	24.3[D,H]	--	0.550	3,410[D]	<16.2	<15.1
	MW19-20201212	12/12/20	11.88*	--	<0.100[H]	14,400	16.700	22.3[D,H]	--	1.15	9,010[D]	<16.2	<15.1
	MW19-20210625	06/25/21	0.81	--	--	15,200	18.200	14.5[D,H]	--	<2.40[D]	5,840[D]	<15.1	<14.6
	MW19-20211217	12/17/21	0.08	--	<0.200[D,H]	12,600	15.900	14.1[D,H]	--	<1.20[D]	6,600[D]	<15.1	<14.6
	MW19-20220609	06/09/22	0.35	--	<0.500[D,H]	9,700	16.900	24.2[D,H]	--	<3.00[D]	6,700[D]	<15.1	<14.6
	MW19-20221216	12/16/22	0.19	--	<1.00[D,H]	4,460	10.100	23.3[D,H]	--	<6.00[D]	7,040[D]	<15.1	<14.6
	MW19-20230622	06/22/23	0.15	--	<0.500[D,H]	14,600	26.600	20.7[D,H]	--	<3.00[D]	2,370[D]	<15.1	<14.6
MW21	MW21-20170601	06/01/17	0.54	26.2[D]	--	--	--	--	--	--	3,500	<10	<10
	MW21-20170923	09/23/17	0.69	33.5[D]	--	--	--	--	--	--	4,000	<10	<10
	MW21-20171216	12/16/17	2.67	85.7[D]	--	--	--	--	--	--	4,800	<10	<10
	MW21-20180310	03/10/18	0.71	89.2[D]	--	--	--	--	--	--	5,400	<10	<10
	MW21-20180630	06/30/18	0.34	124[D]	--	--	--	--	--	--	4,400	<10	<10
	MW21-20180922	09/22/18	0.33	97.8[D]	--	--	--	--	--	--	2,800[ve]	<10	<10
	MW21-20181215	12/15/18	1.57	--	--	--	--	--	--	--	4,800	<10	<10
	MW21-20190615	06/15/19	0.19	--	--	--	--	--	--	--	2,460[D]	<809[D]	<757[D]
	MW21-20191207	12/07/19	0.77	--	--	--	--	--	--	--	3,980[D]	<16.2	<15.1
	MW21-20200627	06/27/20	0.17	--	--	--	--	--	--	--	1,790[D]	<16.2	<15.1
	MW21-20201212	12/12/20	0.20	--	--	--	--	--	--	--	7,520[D]	<16.2	<15.1
	MW21-20210625	06/25/21	0.49	--	--	--	--	--	--	--	4,970[D]	<15.1	<14.6
	MW21-20211217	12/17/21	0.68	--	--	--	--	--	--	--	5,020[D]	<15.1	<14.6
	MW21-20220609	06/09/22	0.30	--	--	--	--	--	--	--	6,570[D]	<15.1	<14.6
	MW21-20221215	12/15/22	0.14	--	--	--	--	--	--	--	3,230[D]	<15.1	<14.6
	MW21-20230623	06/23/23	0.20	--	--	--	--	--	--	--	1,870[D]	<15.1	<14.6
MW22	MW22-20181215	12/15/18	0.67	--	1.09[D,H]	13,000	6.010	4.06[D,H]	--	<3.00[D]	4,900	<10	<10
	MW22-20190615	06/15/19	0.38	--	<1.00[H]	11,400	11.200	11.6[D,H]	--	<0.300[H]	3,090[D]	<809[D]	<757[D]
	MW22-20191207	12/07/19	2.02	--	<0.200[DH]	10,900	8.010	7.41	--	0.762[D]	5,370[D]	<16.2	<15.1
	MW22-20200627	06/27/20	0.40	--	<0.200[DH]	9,810	8.000	11.0[DH]	--	<0.600[D]	1,780[D]	<16.2	<15.1
	MW22-20201212	12/12/20	0.31	--	<0.200[DH]	10,800	15.000	22.0[DH]	--	<0.600[D]	6,290[D]	<16.2	<15.1
	MW22-20210625	06/25/21	0.55	--	--	11,000	11.700	14.9[DH]	--	<6.00[D]	2,560[D]	<15.1	<14.6
	MW22-20211217	12/17/21	0.68	--	<0.500[DH]	10,600	11.800	16.4[DH]	--	<3.00[D]	4,510[D]	<15.1	<14.6
	MW22-20220609	06/09/22	0.35	--	<0.500[DH]	10,600	14.500	19.0[DH]	--	<3.00[D]	4,070[D]	<15.1	<14.6
	MW22-20221216	12/16/22	0.13	--	<1.00[DH]	5,010	5.820	15.0[DH]	--	<1.95[DJ]	5,190[D]	<15.1	<14.6
	MW22-20230623	06/23/23	0.13	--	<0.500[DH]	9,840	13.300	13.9[DH]	--	<3.00[D]	1,350[D]	<15.1	<14.6
MW23	MW23-20150507	05/07/15	2.19	30.9	8.84	173	0.262	0.0800	0.182	49.2	<5	<10	<10
	MW23-20150804	08/04/15	0.73	--	--	--	--	--	--	--	--	--	--
	MW23-20170601	06/01/17	0.49	25.8[D]	--	--	--	--	--	--	2,600	<10	<10
	MW23-20170923	09/23/17	0.46	10.5[D]	--	--	--	--	--	--	1,700	<10	<10
	MW23-20171216	12/16/17	0.84	30.9[D]	--	--	--	--	--	--	3,700	<10	<10
	MW23-20180310	03/10/18	2.25	26.1[D]	--	--	--	--	--	--	3,900	<10	<10
	MW23-20180630	06/30/18	0.70	21.1[D]	--	--	--	--	--	--	3,400	<10	<10
	MW23-20180922	09/22/18	0.31	20.3[D]	--	--	--	--	--	--	4,600[ve]	<10	<10
	MW23-20181215	12/15/18	0.79	--	<1.00[D,H]	32,300	14.300	3.95[D,H]	--	<3.00[D]	3,800	<10	<10
	MW23-20190615	06/15/19	0.50	--	<0.100[H]	26,700	12.300	13.0[DH]	--	0.378[H]	2,900[D]	<809[D]	<757[D]
	MW23-20191207	12/07/19	2.12	--	<0.200[DH]	22,100	14.600	7.41[DH]	--	0.762[D]	5,370[D]	<16.2	<15.1
	MW23-20200627	06/27/20	0.18	--	<0.100[H]	16,500	9.070	12.6[DH]	--	0.508	4,590[D]	<16.2	<15.1
	MW23-20201212	12/12/20	0.29	--	<0.200[DH]	15,200	12.700	16.8[DH]	--	0.634[D]	10,100[D]	<16.2	<15.1
	MW23-20210625	06/25/21	0.29	--	--	14,600	10.400	13.6[DH]	--	<3.00[D]	3,840[D]	<15.1	<14.6
	MW23-20211217	12/17/21	0.39	--	<0.200[DH]	11,700	11.500	15.2[DH]	--	<1.20[D]	4,990[D]	<15.1	<14.6

Table 4
Natural Attenuation Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	Analytical Results										
			Dissolved Oxygen[(1)] (mg/L)	Chloride[(2)] (mg/L)	Nitrate[(2)] (mg/L)	Total Manganese[(3)] (µg/L)	Total Iron[(3)] (mg/L)	Ferrous Iron[(4)] (mg/L)	Ferric Iron[(5)] (mg/L)	Sulfate[(2)] (mg/L)	Methane[(6)] (µg/L)	Ethane[(6)] (µg/L)	Ethene[(6)] (µg/L)
MW24	MW24-20150506	05/06/15	1.04	16.7	1.93	18.2	0.0714	0.0300	0.0414	16.3	<5	<10	<10
	MW24-20150804	08/04/15	0.45	--	--	--	--	--	--	--	--	--	--
	MW24-20151208	12/08/15	1.00	--	--	--	--	--	--	15.8	<5	<10	<10
	MW24-20160715	07/15/16	0.29	--	--	--	--	--	--	1.56	13[jl]	<10	<10
	MW24-20170125	01/25/17	1.10	--	--	--	--	--	--	<1.50	2,100	<10	<10
	MW24-20170601	06/01/17	0.38	16.0[D]	--	--	--	--	--	--	4,500	<10	<10
	MW24-20170924	09/24/17	0.27	19.4[D]	--	--	--	--	--	--	2,800	<10	<10
	MW24-20171216	12/16/17	2.69	22.4[D]	--	--	--	--	--	--	3,600	<10	<10
	MW24-20180310	03/10/18	0.70	20.2[D]	--	--	--	--	--	--	3,900[ve]	<10	<10
	MW24-20180630	06/30/18	0.44	13.6[D]	--	--	--	--	--	--	1,800	<10	<10
	MW24-20180630	06/30/18	3.20	30.4[D]	--	--	--	--	--	--	1,300	<10	<10
	MW24-20181215	12/15/18	0.44	--	<1.00[D,H]	17,400	11.300	1.53[H]	--	<3.00[D]	3,600	<10	<10
	MW24-20190615	06/15/19	0.29	--	<0.100[H]	21,900	11.600	11.1[DH]	--	0.348[H]	2,660[D]	<809[D]	<757[D]
	MW24-20191207	12/07/19	0.66	--	<0.100[H]	20,700	10.700	10.6[DH]	--	<0.300	3,960[D]	<16.2	<15.1
	MW24-20200627	06/27/20	0.26	--	<0.100[H]	21,900	9.830	15.9[DH]	--	0.309	5,460[D]	<16.2	<15.1
	MW24-20201212	12/12/20	2.03	--	<0.100[H]	20,900	13.500	17.8[DH]	--	0.300	4,170[D]	<16.2	<15.1
	MW24-20210625	06/25/21	0.93	--	--	24,500	18.300	21.9[DH]	--	<3.00[D]	6,190[D]	<15.1	<14.6
	MW24-20211217	12/17/21	0.12	--	<0.200[DH]	26,500	14.800	18.7[DH]	--	<1.20[D]	7,660[D]	<15.1	<14.6
	MW24-20220609	06/09/22	0.32	--	<0.500[DH]	20,800	12.600	16.3[DH]	--	<3.00[D]	5,440[D]	<15.1	<14.6
	MW24-20221216	12/16/22	0.23	--	<1.00[DH]	38,900	22.300	14.6[DH]	--	<6.00[D]	11,900[D]	<15.1	<14.6
	MW24-20230623	06/23/23	0.23	--	<0.500[DH]	22,700	12.800	12.3[DH]	--	<3.00[D]	4,020[D]	<15.1	<14.6
MW25	MW25-20150507	05/07/15	2.87	21.8	8.32	190	1.850	0.190[RA]	1.66	56.7	<5	<10	<10
	MW25-20150805	08/06/15	1.47	--	--	--	--	--	--	--	--	--	--
	MW25-20181215	12/15/18	0.69	--	<1.00[D,H]	14,600	9.970	<0.0500[H]	--	<3.00[D]	8,900	<10	<10
	MW25-20190615	06/15/19	0.59	--	<0.100[H]	9,560	12.300	7.60[DH]	--	0.380[H]	9,670[DE]	<324[D]	<303[D]
	MW25-20191207	12/07/19	0.63	--	<0.100[H]	6,850	13.500	13.8[DH]	--	<0.300	7,480[D]	<16.2	<15.1
	MW25-20200627	06/27/20	0.23	--	<0.100[H]	5,290	15.100	20.1[DH]	--	0.473	10,200[D]	<16.2	<15.1
	MW25-20201212	12/12/20	23.36*	--	<0.100[H]	7,390	16.200	21.6[DH]	--	0.342	5,690[D]	<16.2	<15.1
	MW25-20210625	06/25/21	0.82	--	--	8,010	19.300	25.6[DH]	--	<3.00[D]	7,390[D]	<15.1	<14.6
	MW25-20211217	12/17/21	0.24	--	<0.200[D,H]	8,390	15.500	18.8[DH]	--	4.71[D]	3,960[D]	<15.1	<14.6
	MW25-20220609	06/09/22	0.37	--	<0.500[D,H]	9,180	8.990	6.18[DH]	--	21.7[D]	6,990[D]	<15.1	<14.6
	MW25-20221216	12/16/22	0.17	--	<0.500[D,H]	7,600	5.620	5.54[DH]	--	28.6[D]	9,830[D]	<15.1	<14.6
	MW25-20230623	06/23/23	0.22	--	<0.100	5,980	4.730	4.43[DH]	--	31.1[D]	3,460[D]	<15.1	<14.6
IW04	IW04-20150508	05/08/15	6.28*	10.8	3.75	12.0	0.230	<0.0300	0.230	34.1	<5	<10	<10
	IW04-20181215	12/15/18	0.64	--	1.03[D,H]	11,800	19.700	0.169[H]	--	8.89[D]	--	--	--
	IW04-20190615	06/15/19	0.24	--	<0.100[H]	12,900	17.900	0.0865[H]	--	0.759	--	--	--
	IW04-20191207	12/07/19	0.98	--	<0.200[DH]	11,700	15.600	<0.0500	--	0.912[D]	--	--	--
	IW04-20200627	06/27/20	5.31*	--	<0.100[H]	10,600	16.400	25.3[DH]	--	0.492	--	--	--
	IW04-20201212	12/12/20	2.00	--	<0.100[H]	11,100	16.500	18.5[DH]	--	0.347	--	--	--
	IW04-20210625	06/25/21	0.76	--	--	11,200	16.800	23.3[DH]	--	<3.00[D]	--	--	--
	IW04-20211217	12/17/21	0.19	--	<0.100[H]	11,500	15.800	23.1[DH]	--	<0.600	--	--	--
	IW04-20220609	06/09/22	0.35	--	<0.500[DH]	10,600	16.200	22.2[DH]	--	<3.00[D]	--	--	--
	IW04-20221215	12/15/22	0.17	--	<2.00[D]	7,730	16.400	19.3[D]	--	0.970[DJ]	--	--	--
	IW04-20230622	06/22/23	0.23	--	<0.500[D,H]	6,030	15.500	19.4[D,H]	--	<3.00[D]	--	--	--
IW50	IW50-20170602	06/02/17	0.60	29.9[D]	--	--	--	--	--	--	3,700	<10	<10
	IW50-20170924	09/24/17	0.24	16.1[D]	--	--	--	--	--	--	3,200	<10	<10
	IW50-20171216	12/16/17	2.71	20.5[D]	--	--	--	--	--	--	5,900	<10	<10
	IW50-20180310	03/10/18	0.40	20.5[D]	--	--	--	--	--	--	5,100	<10	<10
	IW50-20180630	06/30/18	0.31	23.8[D]	--	--	--	--	--	--	2,700	<10	<10
	IW50-20180922	09/22/18	0.66	22.3[D]	--	--	--	--	--	--	4,000[ve]	<10	<10
	IW50-20181215	12/15/18	1.28	--	<1.00[D,H]	11,900	10.300	1.88[H]	--	12.1[D]	6,100	<10	<10
	IW50-20190615	06/15/19	0.38	--	<0.100[H]	9,670	7.550	7.08[DH]	--	11.0	3,110[D]	<324[D]	<303[D]
	IW50-20191207	12/07/19	1.02	--	<0.100[H]	8,090	7.170	7.46[DH]	--	11.0	4,120[D]	<16.2	<15.1
	IW50-20200627	06/27/20	8.61*	--	0.232[H]	15,800	16.900	25.0[DH]	--	2.47	3,690[D]	<16.2	<15.1
	IW50-20201212	12/12/20	0.24	--	<0.400[DH]	13,200	18.000	24.2[DH]	--	1.34[D]	13.500[D]	<16.2	<15.1
	IW50-20210625	06/25/21	0.17	--	--	13,400	16.400	24.8[DH]	--	<3.00[D]	3,920[D]	<15.1	<14.6
	IW50-20211217	12/17/21	0.05	--	<0.200	15,500	17.000	22.4[DH]	--	<1.20D	6,890[D]	<15.1	<14.6
	IW50-20220609	06/09/22	0.32	--	<0.500[DH]	13,400	12.900	19.3[DH]	--	<3.00[D]	5,340[D]	<15.1	<14.6
	IW50-20221216	12/16/22	0.17	--	<0.500[DH]	5,070	4.160	11.2[DH]	--	4.19[D]	8,070[D]	<15.1	<14.6
	IW50-20230623	06/23/23	0.18	--	<0.500[DH]	9,670	9.540	13.2[DH]	--	8.06[D]	5,010[D]	<15.1	<14.6
IW61	IW61-20170602	06/02/17	0.49	7.18[D]	--	--	--	--	--	--	4,900	<10	<10
	IW61-20170923	09/23/17	0.79	9.25[D]	--	--	--	--	--	--	4,400	<10	<10
	IW61-20171216	12/16/17	0.79	11.0[D]	--	--	--	--	--	--	3,000	<10	<10
	IW61-20180310	03/10/18	1.28	17.8[D]	--	--	--	--	--	--	3,400	<10	<10
	IW61-20180630	06/30/18	0.39	15.3[D]	--	--	--	--	--	--	2,900	<10	<10
	IW61-20180922	09/22/18	0.17	11.4[D]	--	--	--	--	--	--	5,400[ve]	<10	<10
	IW61-20181215	12/15/18	0.73	--	<1.00[D,H]	20,100	50.500	8.83[D,H]	--	<3.00[D]	5,500	<10	<10
	IW61-20190615	06/15/19	0.32	--	<0.100[H]	11,800	25.500	30.5[D,H]	--	0.338	2,440[D]	<324[D]	<303[D]
	IW61-20191207	12/07/19	0.82	--	<0.100[H]	11,000	22.300	24.8[D,H]	--	<0.300	3,860[D]	<16.2	<15.1
	IW61-20200627	06/27/20	0.23	--	<0.100[H]	10,300	24.400	38.1[D,H]	--	0.615	3,100[D]	<16.2	<15.1
	IW61-20201212	12/12/20	0.34	--	<0.100[H]	12,600	25.700	32.8[D,H]	--	<0.300	4,580[D]	<16.2	<15.1
	IW61-20210625	06/25/21	0.25	--	--	13,000	24.500	31.5[D,H]	--	<3.00[D]	2,430[D]	<15.1	<14.6
	IW61-20211217	12/17/21	0.43	--	0.248[D,H]	12,300	20.600	30.4[D,H]	--	<1.20[D]	5,040[D]	<15.1	<14.6
	IW61-20220609	06/09/22	0.78	--	<0.500[D,H]	13,200	20.700	29.0[D,H]	--	<3.00[D]	4,120[D]	<15.1	<14.6
	IW61-20221216	12/16/22	0.25	--	<1.00[D,H]	23,600	34.100	22.1[D,H]	--	<6.00[D]	5,120[D]	<15.1	<14.6
	IW61-20230623	06/23/23	0.18	--	<0.500[D,H]	14,400	17.600	21.4[D,H]	--	<3.00[D]	2,360[D]	<15.1	<14.6

Table 4
Natural Attenuation Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	Analytical Results										
			Dissolved Oxygen[1] (mg/L)	Chloride[2] (mg/L)	Nitrate[2] (mg/L)	Total Manganese[3] (µg/L)	Total Iron[3] (mg/L)	Ferrous Iron[4] (mg/L)	Ferric Iron[5] (mg/L)	Sulfate[2] (mg/L)	Methane[6] (µg/L)	Ethane[6] (µg/L)	Ethene[6] (µg/L)
Boren Avenue North													
MW04	MW04-20110527	05/27/11	6.24	--	--	--	--	--	--	--	--	--	--
	MW04-20111012	10/12/11	6.17	--	--	--	--	--	--	--	--	--	--
	MW04-20130909	09/09/13	5.49	--	--	--	--	--	--	--	--	--	--
	MW04-20150508	05/08/15	0.433	29.9	16.7	3.32	0.0667	<0.0300	0.0667	45.6	<5	<10	<10
	MW04-20150806	08/06/15	6.09	--	--	--	--	--	--	--	--	--	--
	MW04-20181214	12/14/18	4.83	--	17.9[D,H]	22.9	0.506	0.0677[H]	--	43.2[D]	<5	<10	<10
	MW04-20190614	06/14/19	4.15	--	14.8[D,H]	15.9	0.327	0.129	--	46.7[D]	<8.63	<16.2	<15.1
	MW04-20191205	12/05/19	7.97	--	24.4[D,H]	7.59	0.254	<0.0500	--	41.4[D]	<8.63	<16.2	<15.1
	MW04-20200626	06/26/20	7.78	--	6.32[D,H]	3.63	0.158	<0.0500[H]	--	40.7[D]	107	<16.2	<15.1
	MW04-20201211	12/11/20	6.63	--	7.14[D,H]	11.6	0.388	<0.0500[H]	--	40.0[D]	<8.63	<16.2	<15.1
	MW04-20210623	06/23/21	2.23	--	4.86[D]	24.1	1.630	<0.100[H]	--	41.9[D]	<6.75	<15.1	<14.6
	MW04-20211215	12/15/21	1.07	--	9.95[D,H]	2.26	0.104	<0.100	--	33.1[D]	<6.75	<15.1	<14.6
	MW04-20220607	06/07/22	5.75	--	24.6[D,H]	<10	<0.5	<0.100	--	35.7[D]	<6.75	<15.1	<14.6
	MW04-20221214	12/14/22	8.16	--	24.4[D,H]	7.44	0.203	0.0682[J,H]	--	36.7[D]	<6.75	<15.1	<14.6
	MW04-20230622	06/22/23	7.79	--	21.8[D,H]	<1	0.123	<0.150[H]	--	41.4[D]	<6.75	<15.1	<14.6
MW07	MW07-20110531	05/31/11	5.70	--	--	--	--	--	--	--	--	--	--
	MW07-20111012	10/12/11	2.92	--	--	--	--	--	--	--	--	--	--
	MW07-20130909	09/09/13	2.71	--	--	--	--	--	--	--	--	--	--
	MW07-20150508	05/08/15	4.79	34.5	30.1	18.2	0.0825	<0.0300	0.0825	41.1	<5	<10	<10
	MW07-20150805	08/05/15	4.65	--	--	--	--	--	--	--	--	--	--
	MW07-20170531	05/31/17	4.45	27.9[D]	--	--	--	--	--	--	<5	<10	<10
	MW07-20180308	03/08/18	7.75	23.3[D]	--	--	--	--	--	--	<5	<10	<10
	MW07-20180629	06/29/18	7.38	32.5[D]	--	--	--	--	--	--	<5	<10	<10
	MW07-20180920	09/20/18	8.76	28.7[D]	--	--	--	--	--	--	<5	<10	<10
	MW07-20181214	12/14/18	7.57	--	26.5[D,H]	13.5	0.117	0.0959[H]	--	56.1[D]	<5	<10	<10
	MW07-20190614	06/14/19	7.91	--	29.1[D,H]	9.26	0.225	0.0818	--	51.0[D]	<8.63	<16.2	<15.1
	MW07-20191205	12/05/19	6.85	--	34.9[D,H]	5.89	203	0.0654[H]	--	49.6[D]	<8.63	<16.2	<15.1
	MW07-20200630	06/30/20	4.95	--	--	6.24	0.111	<0.0500[H]	--	41.7[D]	<8.63	<16.2	<15.1
	MW07-20201210	12/10/20	1.39	--	13.4[D,H]	3.91	0.0926	<0.0500[H]	--	30.7[D]	328[D]	<16.2	<15.1
	MW07-20210623	06/23/21	4.91	--	14.0[D,H]	15.2	0.166	<0.100[H]	--	32.0[D]	317[D]	<15.1	<14.6
	MW07-20211215	12/15/21	1.12	--	9.72[D,H]	8.50	0.133	<0.100	--	17.4[D]	<6.75	<15.1	<14.6
	MW07-20220607	06/07/22	7.57	--	34.8[D,H]	86.5	<0.5	<0.100	--	38.7[D]	<6.75	<15.1	<14.6
	MW07-20221214	12/14/22	8.46	--	34.2[D,H]	28.0	0.327	0.205[H]	--	39.9[D]	<6.75	<15.1	<14.6
	MW07-20230622	06/22/23	6.97	--	31.0[D,H]	9.04	0.293	<0.150[H]	--	41.7[D]	<6.75	<15.1	<14.6
MW13	MW13-20111020	10/20/11	2.12	--	--	--	--	--	--	--	--	--	--
	MW13-20130910	09/10/13	3.67	--	--	--	--	--	--	--	--	--	--
	MW13-20150511	05/11/15	4.71	32.9	5.07	2.770	73.200	4.60	68.60	44.5	<5	<10	<10
	MW13-20150805	08/05/15	3.91	--	--	--	--	--	--	--	--	--	--
	MW13-20211216	12/16/21	4.30	--	--	--	--	--	--	--	--	--	--
Thomas Street													
MW16	MW16-20130911	09/11/13	3.64	--	--	--	--	--	--	--	--	--	--
	MW16-20150508	05/08/15	0.68	27.6	0.694	484	0.488	0.0700	0.4180	7.28	<5	<10	<10
	MW16-20150805	08/05/15	0.40	--	--	--	--	--	--	--	--	--	--
	MW16-20151210	12/10/15	0.73	--	--	--	--	--	--	8.09	<5	<10	<10
	MW16-20160712	07/12/16	0.47	--	--	--	--	--	--	4.57	2,500[ve]	<10	<10
	MW16-20170125	01/25/17	0.46	--	--	--	--	--	--	14.2	530	<10	<10
	MW16-20170531	05/31/17	0.65	11.6[D]	--	--	--	--	--	--	25	<10	<10
	MW16-20170922	09/22/17	0.72	10.2[D]	--	--	--	--	--	--	8	<10	<10
	MW16-20171229	12/29/17	2.13	15.2[D]	--	--	--	--	--	--	340	<10	<10
	MW16-20180309	03/09/18	0.23	11.8[D]	--	--	--	--	--	--	6.5	<10	<10
	WELL DAMAGED 2018												
MW28	MW28-20190613	06/13/19	1.08	--	<0.500[D,H]	1,140	1.100	1.02[H]	--	2.10[D]	15.3	<16.2	<15.1
	MW28-20191204	12/04/19	0.24	--	<0.200[D,H]	651	1.550	1.26[H]	--	<0.600[D]	59	<16.2	<15.1
	MW28-20200626	06/26/20	0.55	--	<0.200[D,H]	452	1.450	1.48[H]	--	0.391	43.8	<16.2	<15.1
	MW28-20201211	12/11/20	1.47	--	<0.200[D,H]	470	0.576	0.359[H]	--	0.748[D]	72.3	<16.2	<15.1
	MW28-20210623	06/23/21	3.67	--	<0.100[H]	617	1.340	1.28[H]	--	9.58	53.2	<15.1	<14.6
	MW28-20211216	12/16/21	0.44	--	0.110[J,D,H]	744	7.380	1.17[H]	--	8.39[D]	143	<15.1	<14.6
	MW28-20220609	06/09/22	1.12	--	<0.500[D,H]	678	2.840	1.14[H]	--	7.32[D]	34.3	<15.1	<14.6
	MW28-20221215	12/15/22	2.17	--	<2.00[D]	512	1.340	0.826[H]	--	1.59	13.1	<15.1	<14.6
	MW28-20230621	06/21/23	7.75	--	0.136[H]	321	2.600	0.305[H]	--	3.31	7.82	<15.1	<14.6

Table 4
Natural Attenuation Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	Analytical Results											
			Dissolved Oxygen[1] (mg/L)	Chloride[2] (mg/L)	Nitrate[2] (mg/L)	Total Manganese[3] (µg/L)	Total Iron[3] (mg/L)	Ferrous Iron[4] (mg/L)	Ferric Iron[5] (mg/L)	Sulfate[2] (mg/L)	Methane[6] (µg/L)	Ethane[6] (µg/L)	Ethene[6] (µg/L)
Harrison Street													
MW26	MW26-20181214	12/14/18	0.62	--	5.06^{D,H}	35.4	0.134	0.133^{H}	--	34.2^{D}	1,500	<10	<10
	MW26-20190614	06/14/19	0.59	--	7.10^{D,H}	62.1	0.29	0.136	--	45.0^{D}	4,120^{D}	<324^{D}	<303^{D}
	MW26-20191205	12/05/19	0.7	--	1.74^{D}	906	4.830	6.12^{D,H}	--	27.8^{D}	3.80^{D}	<16.2	<15.1
	MW26-20200626	06/26/20	0.19	--	0.208^{H}	806	0.656	0.595^{H}	--	37.4^{D}	1,340^{D}	<16.2	<15.1
	MW26-20201211	12/11/20	0.64	--	<0.100^{H}	605	0.230	0.195^{H}	--	19.5^{D}	263^{D}	<16.2	<15.1
	MW26-20210623	06/23/21	0.33	--	<0.400^{D,H}	579	0.497	0.382^{H}	--	32.5^{D}	12.9	<15.1	<14.6
	MW26-20211215	12/15/21	0.55	--	<0.100^{H}	496	0.371	0.126^{H}	--	29.3^{D}	83.7	<15.1	<14.6
	MW26-20220608	06/08/22	5.92	--	<3.00^{D,H}	587	7.330	1.17^{H}	--	17.8^{D}	8.05	<15.1	<14.6
	MW26-20221214	12/14/22	3.27	--	0.189^{H}	1,270	28.100	1.42^{D,H}	--	30.1^{D,B}	13.9	<15.1	<14.6
	MW26-20230622	06/22/23	6.55	--	0.133^{H}	842	4.320	0.476^{H}	--	32.1^{D}	<6.75	<15.1	<14.6

NOTES:

Analyses performed by Friedman & Bruya, Inc. or Fremont Analytical Inc. of Seattle, Washington.

[1]Parameter is measured in the field using water quality meter with flow-through cell. The reported value is the last reading prior to sampling groundwater.

[2]Analyzed by EPA Method 300.0.

[3]Analyzed by EPA Method 200.8.

[4]Analyzed by Standard Method 3500-Fe B.

[5]Ferric iron concentration = total iron concentration – ferrous iron concentration.

[6]Analyzed by Method RSK-175.

Laboratory Notes:

[B]Indicates a detection in the ICB or CCB.

[D]Dilution was required.

[H]Holding times for preparation or analysis exceeded.

[J]Analyte detected below Reporting Limit.

[jl] The analyte result in the laboratory control sample is out of control limits. The reported concentrations is an estimate.

[RA] Indicates reanalysis with background correction for turbidity.

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

* Anomalous reading, attributed to meter error.

-- = not measured/ not applicable

< = not detected at a concentration exceeding the laboratory reporting limit

µg/L = micrograms per liter

CCB = Continued Calibration Blank

EPA = US Environmental Protection Agency

ICB = Initial Calibration Blank

mg/L = milligrams per liter

Table 5
Geochemical and Water Quality Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
Troy Laundry Property										
MW17	MW17-20150506	05/06/15	6.87	169.0	3.30	0.387	1.01	14.53	--	--
	MW17-20150804	08/04/15	6.17	129.0	4.45	0.477	2.61	15.52	--	--
	MW17-20151207	12/07/15	6.89	221.5	4.12	0.398	3.3	14.60	--	--
	MW17-20160308	03/08/16	6.67	160	1.39	0.365	0.8	14.30	--	--
	MW17-20160714	07/14/16	6.62	51.1	3.59	0.355	1.19	14.36	--	--
	MW17-20161020	10/20/16	6.75	203.3	0.84	0.384	2.72	14.44	--	--
	MW17-20170126	01/26/17	6.66	-40.7	0.57	0.386	2.24	14.14	--	--
	MW17-20170601	06/01/17	6.50	-147.6	0.54	0.375	12.61	14.48	--	--
	MW17-20170923	09/23/17	6.34	170.4	0.31	0.509	3.96	15.13	--	--
	MW17-20171216	12/16/17	6.82	22.3	0.26	0.501	3.37	12.60	--	--
	MW17-20180310	03/10/18	6.82	22.3	0.26	0.501	3.37	12.60	--	--
	MW17-20180630	06/30/18	6.85	14.8	1.07	0.723	8.60	14.87	--	--
	MW17-20180922	09/22/18	6.79	16.9	0.17	0.710	9.38	15.20	--	--
	MW17-20181215	12/15/18	6.58	18.8	0.41	0.677	6.70	14.77	--	--
	MW17-20190615	06/15/19	6.67	83.8	0.36	0.634	3.81	14.90	--	--
	MW17-20191207	12/07/19	6.62	-9.8	1.34	0.581	2.12	11.32	--	--
	MW17-20200627	06/27/20	6.68	-82.3	3.82	0.537	9.64	15.00	--	--
	MW17-20201212	12/12/20	6.58	-19.6	1.09	0.526	9.28	14.38	--	--
	MW17-20210625	06/25/21	6.67	-110.6	0.94	0.507	1.42	14.71	--	--
	MW17-20211217	12/17/21	6.74	-41.9	0.12	0.670	--	14.50	--	--
MW18	MW18-20150506	05/06/15	6.52	172.5	1.99	0.480	0.88	14.34	142	<0.500
	MW18-20150803	08/03/15	5.75	82.2	2.66	0.598	2.74	15.70	--	--
	MW18-20151208	12/08/15	7.74	115.6	1.64	0.594	1.85	14.08	--	--
	MW18-20160308	03/08/16	6.41	156.7	1.30	0.469	1.3	14.26	--	1.01
	MW18-20160608	06/08/16	6.66	8.8	1.5	--	--	--	--	--
	MW18-20160616	06/16/16	6.2	0.8	1.4	--	--	--	--	--
	MW18-20160623	06/23/16	5.87	-57.9	0.43	--	--	--	--	--
	MW18-20160629	06/29/16	5.43	-33	1.08	--	--	--	--	--
	MW18-20160706	07/06/16	5.29	-33.7	1.8	--	--	--	--	--
	MW18-20160714	07/14/16	5.43	8.7	0.47	0.883	9.3	14.89	--	2,300
	MW18-20160825	08/25/16	4.97	38.9	0.55	--	--	--	--	--
	MW18-20161020	10/20/16	5.46	65.5	0.79	1.220	7.69	14.83	--	1,900
	MW18-20170126	01/26/17	5.65	7.2	1.50	0.956	8.1	13.85	--	823
	MW18-20170601	06/01/17	6.19	-167.3	0.58	1.284	6.02	15.21	--	1,090[D]
	MW18-20170923	09/23/17	6.13	48.1	0.48	1.014	55.7	16.37	--	253[D]
	MW18-20171216	12/16/17	6.52	-21.2	0.77	0.911	40.9	12.04	--	173[D]
	MW18-20180310	03/10/18	6.18	-8.0	0.38	0.833	27.1	14.73	--	108[D]
	MW18-20180630	06/30/18	6.30	-31.9	0.68	1.008	12.4	15.49	--	47.2[D]
	MW18-20180922	09/22/18	6.31	-18.7	0.19	1.000	20.8	16.10	--	37.8[D]
	MW18-20181215	12/15/18	6.6	-4.0	0.62	0.980	9.34	15.39	533	16.9
	MW18-20190615	06/15/19	6.23	69.2	0.30	1.043	10.98	15.71	531	10.6
	MW18-20191207	12/07/19	5.82	-137.4	0.69	0.870	15.0	15.00	497	9.61[B]
	MW18-20200627	06/27/20	6.41	-85.1	0.18	0.950	9.46	15.70	536	5.95
	MW18-20201212	12/12/20	6.21	-88.1	2.98	0.889	4.65	14.98	451	4.30
	MW18-20210625	06/25/21	6.29	-86.0	0.91	0.873	7.91	15.35	454[H]	6.85
	MW18-20211217	12/17/21	6.20	-52.8	0.13	1.080	--	14.9	503	11.9
	MW18-20220609	06/09/22	6.30	-19.1	0.30	0.870	16.50	14.3	487	7.97
	MW18-20221215	12/15/22	6.17	-59.7	0.16	0.860	22.40	14.3	449	6.18
	MW18-20230622	06/22/23	6.27	-60.6	0.18	0.832	13.10	15.2	419	5.69
MW19	MW19-20150507	05/07/15	6.68	156.1	1.75	0.502	1.27	14.44	144	<0.500
	MW19-20150803	08/03/15	5.67	222.2	2.33	0.523	5.8	15.47	--	--
	MW19-20151207	12/07/15	7.08	95.6	0.99	0.685	4.29	14.64	--	--
	MW19-20160308	03/08/16	6.27	154.7	1.29	0.613	0.84	14.73	--	--
	MW19-20160713	07/13/16	5.62	5.7	0.32	0.821	1017	15.59	--	--
	MW19-20160825	08/25/16	4.82	31.4	0.73	--	--	--	--	--
	MW19-20161021	10/21/16	5.62	27.0	0.15	1.404	3.00	15.59	--	--
	MW19-20170125	01/25/17	5.40	-10.4	0.40	1.120	7.98	14.40	--	--
	MW19-20170601	06/01/17	5.34	-148.6	0.53	0.963	4.02	15.99	--	--
	MW19-20170923	09/23/17	5.47	169.2	0.77	0.816	17.8	18.07	--	--
	MW19-20171216	12/16/17	6.39	-30.9	0.58	0.602	4.92	13.43	--	--
	MW19-20180310	03/10/18	6.06	-14.3	0.26	0.542	14.0	15.36	--	--
	MW19-20180630	06/30/18	6.15	-22.7	0.86	0.744	9.95	16.54	--	--
	MW19-20180922	09/22/18	6.23	-26.7	0.16	0.800	37.30	16.90	--	--
	MW19-20190615	06/15/19	6.24	40.6	0.28	1.060	11.4	16.41	556	--
	MW19-20191207	12/07/19	5.57	-134.0	0.54	0.785	--	15.75	473	--
	MW19-20200627	06/27/20	6.40	-70.4	0.27	1.000	39.1	16.60	570	--
	MW19-20201212	12/12/20	9.26	-275.8	11.88*	0.100	4.9	15.79	412	--
	MW19-20210625	06/25/21	6.33	-67.2	0.81	0.964	26.2	16.19	520[H]	--
	MW19-20211217	12/17/21	6.20	-25.4	0.08	1.070	--	15.7	488	--
	MW19-20220609	06/09/22	6.21	-18.6	0.35	0.720	8.47	15.2	373	--
	MW19-20221216	12/16/22	6.17	-49.4	0.19	0.699	12.10	15.4	328	--
	MW19-20230622	06/22/23	6.15	-17.7	0.15	1.410	32.90	15.7	396	--

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Geochemical and Water Quality Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
MW20	MW20-20150506	05/06/15	6.91	287.1	0.59	0.678	0.00	13.68	--	--
	MW20-20150803	08/03/15	6.11	175.6	1.11	0.784	9.4	14.45	--	--
	MW20-20151207	12/07/15	6.86	228.5	0.85	0.716	9.0	13.81	--	--
	MW20-20160309	03/09/16	6.72	66.1	0.41	0.711	1.2	13.81	--	--
	MW20-20160715	07/15/16	6.71	201.4	0.64	0.726	2.14	14.28	--	--
	MW20-20161020	10/20/16	6.96	92.0	0.92	0.731	1.90	14.30	--	--
	MW20-20170125	01/25/17	6.82	-0.1	0.67	0.732	0.56	0.67	--	--
	MW20-20170601	06/01/17	6.68	-175.7	0.85	0.735	3.07	14.38	--	--
	MW20-20170924	09/24/17	6.63	177.6	0.57	0.779	2.12	15.25	--	--
	MW20-20171216	12/16/17	6.36	47.0	0.27	0.895	2.14	12.31	--	--
	MW20-20180310	03/10/18	6.71	61.4	0.26	0.855	6.07	14.16	--	--
	MW20-20180630	06/30/18	6.71	21.7	1.64	0.884	3.18	15.06	--	--
	MW20-20180922	09/22/18	6.80	13.9	0.19	0.850	3.18	15.10	--	--
	MW20-20181215	12/15/18	6.61	28.0	0.37	0.827	0.73	14.56	--	--
	MW20-20190615	06/15/19	6.72	95.1	0.50	0.928	1.70	14.94	--	--
	MW20-20191207	12/07/19	6.66	-14.9	1.23	0.883	0.99	11.37	--	--
	MW20-20200627	06/27/20	6.66	-58.2	1.60	0.970	2.15	14.90	--	--
	MW20-20201212	12/12/20	6.79	135.9	0.42	1.131	1.63	14.39	--	--
	MW20-20210625	06/25/21	6.54	-46.0	1.20	0.984	1.07	14.71	--	--
	MW20-20211217	12/17/21	6.58	-9.0	0.18	1.150	--	14.40	--	--
MW21	MW21-20150506	05/06/15	6.58	295.0	0.45	0.675	0.00	14.06	--	--
	MW21-20150804	08/04/15	6.09	77.5	0.68	0.980	2.61	15.13	--	--
	MW21-20151208	12/08/15	7.91	96.8	0.78	1.486	0.83	14.03	--	--
	MW21-20160309	03/09/16	5.03	137.3	1.84	0.879	1.28	14.19	--	2.29
	MW21-20160608	06/08/16	6.28	-0.5	2.46	--	--	--	--	--
	MW21-20160616	06/16/16	--	--	--	--	--	--	--	--
	MW21-20160623	06/23/16	--	--	--	--	--	--	--	--
	MW21-20160629	06/29/16	5.5	52.6	1.95	--	--	--	--	--
	MW21-20160706	07/06/16	5.27	47.1	2.16	--	--	--	--	--
	MW21-20160713	07/13/16	5.41	61.2	0.45	1.104	10.3	14.73	--	1,800
	MW21-20160825	08/25/16	4.97	67.9	0.48	--	--	--	--	--
	MW21-20161020	10/20/16	5.64	71.7	1.26	1.268	>2000	14.61	--	1,800
	MW21-20170126	01/26/17	5.78	-22.0	0.50	0.846	3.59	13.78	--	884
	MW21-20170601	06/01/17	5.69	246.8	0.54	0.920	5.90	14.94	--	755[D]
	MW21-20170923	09/23/17	5.36	14.9	0.69	1.180	4.42	14.67	--	871[D]
	MW21-20171216	12/16/17	5.54	26.3	2.67	1.146	6.00	14.81	--	722[D]
	MW21-20180310	03/10/18	5.27	58.1	0.71	1.102	4.29	14.43	--	466[D]
	MW21-20180630	06/30/18	5.18	49.5	0.34	1.546	4.05	14.94	--	718[D]
	MW21-20180922	09/22/18	5.72	97.2	0.33	1.090	6.84	16.00	--	549[D]
	MW21-20181215	12/15/18	5.67	-20.1	1.57	1.041	6.10	15.41	--	124[D]
	MW21-20190615	06/15/19	5.84	1.0	0.19	1.023	2.81	15.27	--	163[D]
	MW21-20191207	12/07/19	5.55	-142.2	0.77	0.913	7.64	14.81	--	110[BE]
	MW21-20200627	06/27/20	5.26	83.0	0.17	0.930	61.80	15.80	--	--
	MW21-20201212	12/12/20	5.8	157.2	0.20	0.934	15.30	14.84	--	191[D]
	MW21-20210625	06/25/21	5.57	12.9	0.49	0.836	4.84	15.20	--	349[D]
	MW21-20211217	12/17/21	8.69	-25.8	0.68	0.963	--	14.44	--	330
	MW21-20220609	06/09/22	5.75	-13.0	0.30	0.840	25.0	14.64	--	123
	MW21-20221215	12/15/22	6.82	118.4	0.14	1.650	38.1	14.30	--	104[D]
	MW21-20230623	06/23/23	6.12	0.6	0.20	1.010	16.6	14.90	--	25.5
MW22	MW22-20150506	05/06/15	6.34	280.6	0.30	0.707	0.00	14.4	--	--
	MW22-20150804	08/04/15	6.29	103.9	0.96	0.794	6.8	15.05	--	--
	MW22-20151208	12/08/15	5.91	212.8	2.18	0.702	0.4	14.49	--	--
	MW22-20160308	03/08/16	6.34	153.8	0.54	0.579	0.81	14.46	--	--
	MW22-20160608	06/08/16	6	-3.2	1.55	--	--	--	--	--
	MW22-20160616	06/16/16	4.99	95.2	1.65	--	--	--	--	--
	MW22-20160623	06/23/16	5.1	64	0.68	--	--	--	--	--
	MW22-20160629	06/29/16	5.22	84.8	1.85	--	--	--	--	--
	MW22-20160706	07/06/16	5.17	26.1	1.88	--	--	--	--	--
	MW22-20160713	07/13/16	5.55	88.1	0.42	1.276	7.26	14.85	--	--
	MW22-20160825	08/25/16	5.06	21.2	0.42	--	--	--	--	--
	MW22-20161020	10/20/16	5.48	108.8	0.24	1.408	8.66	14.86	--	--
	MW22-20170126	1/26/2017	5.55	21.2	0.27	1.185	4.83	14.23	--	--
	MW22-20170601	06/01/17	5.67	239.2	0.62	1.118	5.32	15.32	--	--
	MW22-20170923	09/23/17	5.38	104.1	0.27	1.290	3.52	15.12	--	--
	MW22-20171216	12/16/17	5.44	84.2	0.64	1.186	7.21	14.83	--	--
	MW22-20180310	03/10/18	5.32	82	6.61	0.868	4.57	14.44	--	--
	MW22-20180630	06/30/18	5.47	41.9	0.23	1.128	5.12	15.74	--	--
	MW22-20180922	09/22/18	5.94	73.1	0.38	0.820	5.67	17.00	--	--
	MW22-20181215	12/15/18	5.67	18.4	0.67	0.817	8.6	15.50	269	388[D]
	MW22-20190615	06/15/19	5.68	106.8	0.38	0.858	7.40	15.63	273	286[D]
	MW22-20191207	12/07/19	5.69	-76.4	2.02	0.803	71.20	12.14	283	255[BE]
	MW22-20200627	06/27/20	5.82	3.4	0.40	0.720	83.30	15.90	182	206[D]
	MW22-20201212	12/12/20	6.01	154.5	0.31	0.817	25.80	14.97	500	95.5[D]
	MW22-20210625	06/25/21	5.91	-4.9	0.55	0.679	8.34	15.30	243[H]	150[D]
	MW22-20211217	12/17/21	9.01	-48.1	0.68	0.749	--	14.33	287	133[D]
	MW22-20220609	06/09/22	5.95	13.8	0.35	0.673	6.70	14.73	304	42
	MW22-20221216	12/16/22	6.09	-13	0.13	0.749	35.60	14.40	289	105[D]
	MW22-20230623	06/23/23	6.2	-37.1	0.13	0.827	15.40	15.30	317	82.7

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Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
MW23	MW23-20150507	05/07/15	6.09	223.7	2.19	0.452	0.00	14.65	106	<0.500
	MW23-20150804	08/04/15	6.40	105.5	0.73	0.582	6.8	15.42	--	--
	MW23-20151208	12/08/15	5.80	197	2.12	0.548	12.6	15.10	--	--
	MW23-20160308	03/08/16	6.30	92.5	0.49	0.575	1.2	14.78	--	3.14
	MW23-20160608	06/08/16	5.14	66.9	3.15	--	--	--	--	--
	MW23-20160616	06/16/16	4.77	109.5	2.00	--	--	--	--	--
	MW23-20160623	06/23/16	4.75	58.8	0.94	--	--	--	--	--
	MW23-20160629	06/29/16	4.73	92.3	2.40	--	--	--	--	--
	MW23-20160706	07/06/16	4.74	42	2.04	--	--	--	--	--
	MW23-20160714	07/14/16	5.26	38	0.23	1.339	8.0	15.06	--	2,300
	MW23-20160825	08/25/16	4.68	64.2	0.69	--	--	--	--	--
	MW23-20161020	10/20/16	5.38	45.5	0.20	1.637	2.53	15.12	--	2,300
	MW23-20170126	01/26/17	5.71	-43.40	14.39	0.878	8.03	14.39	--	520.00
	MW23-20170601	06/01/17	5.80	232.1	0.49	1.542	5.60	15.60	--	1,620[D]
	MW23-20170923	09/23/17	5.69	-4.4	0.46	1.362	7.30	15.45	--	1,160[D]
	MW23-20171216	12/16/17	5.96	-6.3	0.84	0.973	18.0	15.23	--	865[D]
	MW23-20180310	03/10/18	5.85	-1.4	2.25	0.802	34.1	14.92	--	127[D]
	MW23-20180630	06/30/18	6.15	-82.6	0.70	1.228	178.0	15.80	--	198[D]
	MW23-20180922	09/22/18	6.52	11.1	0.31	0.950	17.5	17.00	--	159[D]
	MW23-20181215	12/15/18	6.30	-72.9	0.79	1.118	40.8	15.89	600	148[D]
	MW23-20190615	06/15/19	6.20	89.0	0.50	1.219	20.0	15.96	639	60.7[D]
	MW23-20191207	12/07/19	6.24	-42.8	2.12	1.070	33.3	12.50	614	17.4[B]
	MW23-20200627	06/27/20	6.13	-21.8	0.18	0.950	7.24	16.00	481	6.41
	MW23-20201212	12/12/20	6.33	136.3	0.29	0.885	12.60	15.16	436	7.90
	MW23-20210625	06/25/21	6.29	-43.7	0.29	0.763	6.04	15.80	382[H]	6.65
	MW23-20211217	12/17/21	9.28	-129.2	0.39	0.787	--	14.47	374	6.10
MW24	MW24-20150506	05/06/15	6.03	182.9	1.04	0.454	1.81	14.91	172	1.12
	MW24-20150804	08/04/15	5.80	83.7	0.45	0.563	2.89	16.05	--	--
	MW24-20151208	12/08/15	7.62	120.8	1.00	0.685	1.29	15.10	--	--
	MW24-20160309	03/09/16	6.27	113.7	0.38	0.589	1	15.07	--	2.19
	MW24-20160608	06/08/16	6.73	-69.2	2.34	--	--	--	--	--
	MW24-20160616	06/16/16	5.92	-3	1.59	--	--	--	--	--
	MW24-20160623	06/23/16	5.83	-20	0.87	--	--	--	--	--
	MW24-20160629	06/29/16	5.83	36.1	1.54	--	--	--	--	--
	MW24-20160706	07/06/16	5.67	19.7	1.54	--	--	--	--	--
	MW24-20160715	07/15/16	6.00	31.9	0.29	1.142	8	15.39	--	1,000
	MW24-20160825	08/25/16	5.30	30.5	0.24	--	--	--	--	--
	MW24-20161020	10/20/16	5.93	27.5	0.94	1.440	3.56	15.22	--	640
	MW24-20170125	01/25/17	5.49	-33.5	1.10	0.917	589	14.56	--	375
	MW24-20170601	06/01/17	5.75	240.7	0.38	0.998	3034	15.38	--	1,470[D]
	MW24-20170924	09/24/17	5.54	76.3	0.27	0.641	122	16.06	--	390[D]
	MW24-20171216	12/16/17	5.93	-33.4	2.69	0.579	50.2	14.83	--	233[D]
	MW24-20180310	03/10/18	5.73	17.4	0.70	0.614	72.4	14.77	--	22.1[D]
	MW24-20180630	06/30/18	5.60	-43.1	0.44	1.393	15.1	15.81	--	770[D]
	MW24-20180922	09/22/18	6.08	18.9	3.20	0.760	92.4	17.10	--	45.5[D]
	MW24-20181215	12/15/18	6.08	-0.7	0.44	0.735	72.8	15.44	358	52.2[D]
	MW24-20190615	06/15/19	5.93	-2.8	0.29	0.798	7.68	16.00	414	20.5
	MW24-20191207	12/07/19	5.66	-139.0	0.66	0.779	20.4	15.21	434	12.6[B]
	MW24-20200627	06/27/20	6.24	-47.0	0.26	0.860	15.9	15.90	468	8.44
	MW24-20201212	12/12/20	6.08	-26.1	2.03	0.809	4.85	15.09	436	6.95
	MW24-20210625	06/25/21	6.16	-56.4	0.93	0.862	6.98	15.50	401[H]	7.52
	MW24-20211217	12/17/21	6.16	-36.0	0.12	1.110	--	15.00	488	<0.500
	MW24-20220609	06/09/22	6.19	-16.8	0.32	0.723	0.3	15.01	442	5.79
	MW24-20221216	12/16/22	6.26	-24.7	0.23	0.837	9.43	14.70	440	8.08[B]
	MW24-20230623	06/23/23	6.37	-23.1	0.23	0.920	6.78	15.10	431	4.60
MW25	MW25-20150507	05/07/15	6.31	140.5	2.87	0.498	76.5	14.54	112	<0.500
	MW25-20150805	08/05/15	5.67	158.1	1.47	0.667	2.3	15.16	--	--
	MW25-20151209	12/09/15	7.94	114.9	1.55	0.881	7.6	15.12	--	--
	MW25-20160308	03/08/16	6.25	171.8	0.79	0.524	1.2	15.05	--	--
	MW25-20160713	07/13/16	5.60	-13.5	0.29	0.933	>2,000	15.39	--	--
	MW25-20161019	10/19/16	5.40	22.2	0.18	1.304	9.14	15.48	--	--
	MW25-20170125	01/25/17	5.77	-134.5	0.37	0.712	4.18	14.68	--	--
	MW25-20170601	06/01/17	5.81	-136.3	0.31	1.140	4.82	15.67	--	--
	MW25-20170923	09/23/17	6.17	66.3	0.37	1.103	14.6	16.86	--	--
	MW25-20171216	12/16/17	6.61	-35.3	0.50	1.052	8.68	13.67	--	--
	MW25-20180310	03/10/18	6.22	-19.9	0.32	0.890	9.10	15.52	--	--
	MW25-20180630	06/30/18	6.48	-55.4	0.67	1.381	13.10	16.15	--	--
	MW25-20180922	09/22/18	6.48	-51.4	0.09	1.380	17.50	16.20	--	--
	MW25-20181215	12/15/18	6.42	-2.4	0.69	1.306	5.21	15.84	745	18.4
	MW25-20190615	06/15/19	6.22	-48.1	0.59	1.067	3.92	16.27	575	25.8
	MW25-20191207	12/07/19	6.16	-16.5	0.63	0.810	7.61	17.58	424	6.87[B]
	MW25-20200627	06/27/20	6.2	-37.5	0.23	0.657	14.6	16.20	322	5.21
	MW25-20201212	12/12/20	6.25	-52.3	23.36*	0.806	15.0	15.50	412	9.57
	MW25-20210625	06/25/21	6.19	-113.2	0.82	0.799	7.0	15.90	377[H]	7.50
	MW25-20211217	12/17/21	6.35	-56.5	0.24	1.020	--	15.80	431	4.18
	MW25-20220609	06/09/22	6.54	-22.1	0.37	0.760	16.5	15.20	352	2.29
	MW25-20221216	12/16/22	6.41	-60.2	0.17	0.614	3.2	15.50	260	1.16
	MW25-20230623	06/23/23	6.52	-85.1	0.22	0.581	3.31	16.30	218	1.56
IW04	IW04-20150508	05/08/15	6.58	160.2	6.28*	0.322	15.1	14.80	88.0	<0.500
	IW04-20160309	03/09/16	6.08	-18.6	0.55	0.579	3.5	14.18	--	--
	IW04-20160714	07/14/16	5.17	58.2	0.43	1.401	19.8	14.76	--	--
	IW04-20161021	10/21/16	5.30	27.5	0.10	1.575	7.71	15.01	--	--
	IW04-20170126	01/26/17	5.40	-18.0	0.71	1.288	17.7	14.11	--	--
	IW04-20170601	06/01/17	5.78	-151.8	0.62	0.809	12.7	14.99	--	--
	IW04-20170923	09/23/17	5.99	2.7	0.84	1.189	21.7	18.00	--	--
	IW04-20171216	12/16/17	6.37	-47.8	0.37	0.940	18.8	13.01	--	--
	IW04-20180310	03/10/18	6.22	-40.3	0.82	0.792	56.3	14.77	--	--
	IW04-20180630	06/30/18	6.29	-59.3	0.89	0.914	18	15.59	--	--
	IW04-20180922	09/22/18	6.13	26.1	0.21	0.318	5.1	16.20	--	--
	IW04-20181215	12/15/18	6.32	-26.6	0.64	0.969	14.7	15.27	478	157[D]
	IW04-20190615	06/15/19	6.32	-60.8	0.24	1.112	13.2	15.48	611	148[D]
	IW04-20191207	12/07/19	6.41	-24.1	0.98	1.059	22.6	11.91	595	94.8[BE]
	IW04-20200627	06/27/20	6.12	-0.8	5.31*	0.960	9.17	15.40	517	88.7[D]
	IW04-20201212	12/12/20	9.08	-194.2	2.00	0.910	11.48	15.07	500	90.3[D]
	IW04-20210625	06/25/21	6.39	-93	0.76	0.865	24.4	15.23	450[H]	93.1[D]
	IW04-20211217	12/17/21	6.30	-68.3	0.19	1.040	--	15.00	458	101[D]
	IW04-20220609	06/09/22	6.42	-37.1	0.35	0.880	14.4	14.30	460	75.6[D]
	IW04-20221215	12/15/22	6.21	-97.1	0.17	0.813	9.96	14.50	312	30.5[D]
	IW04-20230622	06/22/23	6.36	-118.9	0.23	0.762	7.63	15.30	285	24.3

Table 5
Geochemical and Water Quality Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
IW06	IW06-20150507	05/07/15	6.70	262.1	7.55*	0.224	17.83	15.02	--	--
	IW06-20180310	03/10/18	5.97	-162.5	0.34	0.284	8.41	14.84	--	--
	IW06-20180630	06/30/18	6.25	-95.9	0.67	0.312	6.99	15.87	--	--
	IW06-20180922	09/22/18	6.35	-55.9	0.17	0.920	43.3	16.20	--	--
	IW06-20181215	12/15/18	6.20	-9.7	0.43	0.297	5.60	15.51	--	--
	IW06-20190615	06/15/19	5.96	67.7	0.58	0.471	11.50	15.81	--	--
	IW06-20191207	12/07/19	6.45	-4.5	0.88	0.446	0.21	12.05	--	--
	IW06-20200627	06/27/20	6.07	-41.9	5.72*	0.749	12.1	15.50	--	--
	IW06-20201212	12/12/20	8.35	-201.9	1.95	0.541	3.66	15.24	--	--
	IW06-20210625	06/25/21	6.09	-98.5	1.16	0.656	11.90	15.38	--	--
	IW06-20211217	12/17/21	6.15	58.2	0.60	0.605	--	15.10	--	--
	IW06-20220609	06/09/22	6.38	217.1	0.53	0.510	7.26	14.20	--	--
	IW06-20221215	12/15/22	7.30	189.9	0.19	1.020	32.60	15.00	--	--
	IW06-20230622	06/22/23	6.61	199.6	0.41	1.080	3.32	15.00	--	--
IW07	IW07-20160825	08/25/16	5.15	-11.4	0.61	--	--	--	--	--
IW15	IW15-20160608	06/08/16	5.19	86.6	2.75	--	--	--	--	--
	IW15-20160616	06/16/16	7.59	70.1	1.95	--	--	--	--	--
	IW15-20160623	06/23/16	5.07	16.6	1.05	--	--	--	--	--
	IW15-20160629	06/29/16	5.11	47.3	1.38	--	--	--	--	--
	IW15-20160706	07/06/16	5.09	28.6	1.55	--	--	--	--	--
	IW15-20160825	08/25/16	4.96	35.9	0.58	--	--	--	--	--
	IW15-20161021	10/21/16	5.42	-16.6	0.12	2.065	3.75	15.46	--	--
	IW15-20170602	06/02/17	5.65	-217.5	0.49	1.001	9.42	15.68	--	--
IW38	IW38-20160608	06/08/16	5.53	57.9	2.4	--	--	--	--	--
	IW38-20160616	06/16/16	5.05	91.4	2	--	--	--	--	--
	IW38-20160623	06/23/16	5.1	39	0.73	--	--	--	--	--
	IW38-20160629	06/29/16	5.13	80.6	1.45	--	--	--	--	--
	IW38-20160706	07/06/16	5.06	49.1	1.65	--	--	--	--	--
	IW38-20160825	08/25/16	4.8	73.4	0.29	--	--	--	--	--
	IW38-20161021	10/21/16	5.06	77.7	0.59	2.068	2.19	15.40	--	--
	IW38-20170602	06/02/17	5.72	-234.3	0.46	0.838	2.80	15.69	--	--
IW50	IW50-20151208	12/08/15	7.44	122.1	0.56	0.984	2.68	14.71	--	--
	IW50-20160309	03/09/16	3.46	149.7	0.70	0.726	3.01	14.52	--	115
	IW50-20160715	07/15/16	5.45	40.6	0.44	1.350	4.77	14.80	--	1,100
	IW50-20161021	10/21/16	5.69	43.7	0.83	2.055	11.8	14.79	--	1,600
	IW50-20170126	01/26/17	6.43	-59.5	0.80	1.058	43.2	14.46	--	391
	IW50-20170602	06/02/17	6.34	198.5	0.60	0.688	17.4	14.98	--	85.2[D]
	IW50-20170923	09/23/17	6.29	-103.0	0.24	1.004	24.1	15.29	--	214[D]
	IW50-20171216	12/16/17	6.30	-72.4	2.71	1.048	106	14.99	--	224[D]
	IW50-20180310	03/10/18	6.34	-43.1	0.40	1.038	76.8	14.81	--	55.0[D]
	IW50-20180630	06/30/18	6.41	-115.4	0.31	1.204	11.35	15.21	--	41.9[D]
	IW50-20180922	09/22/18	6.65	-37.4	0.66	0.760	5.81	17.40	--	29.6[D]
	IW50-20181215	12/15/18	6.35	-120.3	1.28	0.681	4.74	15.50	338	12.2
	IW50-20190615	06/15/19	6.26	65.8	0.38	0.670	5.18	15.86	299	7.56
	IW50-20191207	12/07/19	6.24	-30.3	1.02	0.618	5.33	12.31	288	6.72[B]
	IW50-20200627	06/27/20	6.08	-13.8	8.61*	0.939	4.91	15.70	497	18.2
	IW50-20201212	12/12/20	6.43	91.8	0.24	1.071	14.1	15.24	544	13.7
	IW50-20210625	06/25/21	6.5	-92.6	0.17	1.016	9.79	15.40	449[H]	16.1
	IW50-20211217	12/17/21	6.29	-61.9	0.05	1.060	--	15.20	468	38.1
	IW50-20220609	06/09/22	6.30	-59.0	0.32	0.749	16.80	14.78	477	13.5
	IW50-20221216	12/16/22	7.32	32.2	0.17	1.250	7.40	14.70	400	5.66
	IW50-20230623	06/23/23	6.49	-80.1	0.18	0.850	19.20	14.80	410	6.25
IW57	IW57-20160608	06/08/16	4.46	138.7	5.59	--	--	--	--	--
	IW57-20160616	06/16/16	4.51	109.9	2.28	--	--	--	--	--
	IW57-20160623	06/23/16	4.48	56.2	1.88	--	--	--	--	--
	IW57-20160629	06/29/16	4.45	105.5	2.41	--	--	--	--	--
	IW57-20160706	07/06/16	4.56	41.7	2.68	--	--	--	--	--
	IW57-20160825	08/25/16	4.52	38.0	1.01	--	--	--	--	--
	IW57-20161021	10/21/16	5.44	28.9	0.81	2.085	4.16	14.85	--	--
	IW57-20170602	06/02/17	5.76	-242.1	0.33	0.808	22.5	15.25	--	--
IW61	IW61-20151208	12/08/16	4.27	200.3	3.34	0.655	24.2	14.25	--	--
	IW61-20160309	03/09/16	6.12	-17.9	1.40	0.650	30.1	14.35	--	114
	IW61-20160714	07/14/16	5.31	39.7	0.56	1.624	52.4	15.38	--	2,900
	IW61-20161021	10/21/16	5.63	48.5	0.81	2.283	4.53	15.09	--	3,000
	IW61-20170126	01/26/17	5.89	-47.9	0.41	1.326	1.96	14.27	--	1,300
	IW61-20170602	06/02/17	6.00	219.6	0.49	0.812	7.57	15.42	--	908[D]
	IW61-20170923	09/23/17	5.28	-9.6	0.79	2.264	7.67	15.55	--	1,490[D]
	IW61-20171216	12/16/17	6.07	-66.1	0.79	1.158	510	15.28	--	765[D]
	IW61-20180310	03/10/18	5.80	-1.5	1.28	0.911	185	14.39	--	432[D]
	IW61-20180630	06/30/18	6.02	-92.1	0.39	1.127	22.0	15.72	--	406[D]
	IW61-20180922	09/22/18	6.38	-3.8	0.17	0.750	13.5	16.50	--	228[D]
	IW61-20181215	12/15/18	6.82	-45.1	0.73	1.171	22.0	15.96	494	628[D]
	IW61-20190615	06/15/19	5.94	-21.1	0.32	0.913	12.60	15.97	429	140[D]
	IW61-20191207	12/07/19	5.61	-131.0	0.82	0.819	37.2	15.39	444	103[BE]
	IW61-20200627	06/27/20	6.09	-45.1	0.23	0.859	13.2	16.20	419	55.4[D]
	IW61-20201212	12/12/20	6.22	115.9	0.34	0.960	60.0	15.01	471	60.6[D]
	IW61-20210625	06/25/21	6.32	-72.2	0.25	0.866	64.0	15.80	423[H]	66.2[D]
	IW61-20211217	12/17/21	9.21	-99.4	0.43	0.941	--	14.69	460[H]	72.6[D]
	IW61-20220609	06/09/22	6.23	-23.9	0.70	0.882	34.2	14.98	472[H]	81.8[D]
	IW61-20221216	12/16/22	7.2	26.7	0.25	1.530	164.0	14.90	474	81.4[D]
	IW61-20230623	06/23/23	6.54	-73.4	0.18	1.053	69.4	15.40	487	80.4
IW64	IW64-20160608	06/08/16	5.22	69.8	3.25	--	--	--	--	--
	IW64-20160616	06/16/16	4.97	94.3	2.27	--	--	--	--	--
	IW64-20160623	06/23/16	5.04	41.5	1.15	--	--	--	--	--
	IW64-20160629	06/29/16	5.09	80.3	2.25	--	--	--	--	--
	IW64-20160706	07/06/16	5.03	36.4	2.05	--	--	--	--	--
	IW64-20160825	08/25/16	5.03	37.0	0.87	--	--	--	--	--
	IW64-20161021	10/21/16	5.70	33.2	0.99	1.980	32.0	15.22	--	--
	IW64-20170602	06/02/17	5.86	-242.4	0.34	0.981	12.6	15.10	--	--

Table 5
Geochemical and Water Quality Parameters
Troy Laundry Seattle Site
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Seattle, Washington

Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
IW91	IW91-20150506	05/06/15	6.54	171.4	1.57	0.300	0.19	14.35	--	--
	IW91-20150804	08/04/15	6.11	143.7	2.26	0.363	1.91	14.66	--	--
	IW91-20151208	12/08/15	5.88	218.9	5.23	0.342	8.2	14.18	--	--
	IW91-20160309	03/09/16	6.87	209.2	3.99	0.325	2.98	14.15	--	--
	IW91-20160714	07/14/16	6.79	118	5.51	0.299	0.81	14.60	--	--
	IW91-20161020	10/20/16	6.62	143.2	0.25	0.509	6.69	14.68	--	--
	IW91-20170126	01/26/17	6.93	-65.2	0.35	0.461	3.99	14.17	--	--
	IW91-20170601	06/01/17	6.92	192.4	1.90	0.442	3.57	14.54	--	--
	IW91-20170923	09/23/17	6.92	173.0	2.21	0.433	5.16	14.64	--	--
	IW91-20171216	12/16/17	7.09	223.6	2.10	0.337	23.0	14.49	--	--
	IW91-20180310	03/10/18	6.68	196.6	5.81	0.385	20.1	14.55	--	--
	IW91-20180630	06/30/18	6.67	22.4	12.00	0.563	2.52	14.34	--	--
	IW91-20180922	09/22/18	7.00	199.8	5.59	0.462	2.17	15.70	--	--
	IW91-20181215	12/15/18	6.94	12.5	6.43	0.524	0.97	14.99	--	--
	IW91-20190615	06/15/19	6.51	25.1	9.86	0.557	2.27	15.30	--	--
	IW91-20191207	12/07/19	6.63	-131.6	4.45	0.585	1.98	14.62	--	--
	IW91-20200627	06/27/20	6.72	11.7	22.14*	0.457	4.02	15.30	--	--
	IW91-20201212	12/12/20	7.39	177.9	10.84*	0.553	12.70	15.02	--	--
	IW91-20210625	06/25/21	7.35	99.0	17.23	0.433	4.13	14.90	--	--
	IW91-20211217	12/17/21	9.44	6.5	6.05	0.546	--	14.39	--	--
AIW02	AIW02-20160825	08/25/16	4.88	15.3	0.77	--	--	--	--	--
AIW05	AIW05-20160825	08/25/16	4.89	31.5	1.77	--	--	--	--	--
Boren Avenue North										
MW04	MW04-20110527	05/27/11	6.93	11	6.24	0.330	122	15.09	--	--
	MW04-20111012	10/12/11	6.46	201.6	6.17	0.252	25.1	15.0	--	--
	MW04-20130909	09/09/13	6.15	-136.0	5.49	0.305	>200	17.6	--	--
	MW04-20150508	05/08/15	6.76	287.3	0.433	0.433	0.00	17.03	54.0	<0.500
	MW04-20150806	08/06/15	6.39	111.2	6.09	0.350	0.9	18.01	--	--
	MW04-20151209	12/09/15	6.49	221.3	7.48	0.344	1.1	16.74	--	--
	MW04-20160308	03/08/16	6.60	136.4	3.56	0.292	1.46	16.11	--	--
	MW04-20160713	07/13/16	6.48	-1.3	0.99	0.392	1.06	16.78	--	--
	MW04-20161019	10/19/16	7.18	190.7	3.15	0.300	4.06	15.98	--	--
	MW04-20170124	01/24/17	6.91	-1.1	2.95	0.237	3.22	14.74	--	--
	MW04-20170531	05/31/17	6.93	219.6	7.11	0.453	6.06	15.70	--	--
	MW04-20170921	09/21/17	6.71	120.3	8.65	0.460	6.82	15.49	--	--
	MW04-20171214	12/14/17	7.13	237.0	8.36	0.465	3.01	13.12	--	--
	MW04-20180309	03/09/18	6.60	159.4	1.80	0.290	3.01	14.96	--	--
	MW04-20180629	06/29/18	6.61	132.9	4.55	0.351	1.50	15.78	--	--
	MW04-20180920	09/20/18	6.55	189.1	7.07	0.387	1.27	15.80	--	--
	MW04-20181214	12/14/18	6.47	38.2	4.83	0.388	0.73	14.58	41.0	--
	MW04-20190614	06/14/19	6.58	100.0	4.15	0.386	3.98	16.50	66.3	--
	MW04-20191205	12/05/19	6.68	-64.1	7.97	0.463	2.67	14.07	45.8	--
	MW04-20200626	06/26/20	6.37	185.2	7.78	0.391	7.72	16.70	115	--
	MW04-20201211	12/11/20	9.57	-11.2	6.63	0.409	4.75	12.10	103	--
	MW04-20210623	06/23/21	6.35	-16.3	2.23	0.480	6.14	15.96	137	--
	MW04-20211215	12/15/21	6.95	126.9	1.07	0.495	2.55	14.90	74.0	0.965
	MW04-20220607	06/07/22	6.54	326.5	5.75	0.700	7.06	15.00	61.6	0.633
	MW04-20221214	12/14/22	6.48	183.3	8.16	0.582	9.11	14.10	211	0.761
	MW04-20230622	06/22/23	6.80	263.5	7.79	0.950	2.28	14.80	57.8	0.919
MW07	MW07-20110531	05/31/11	6.63	26	5.70	0.281	--	14.71	--	--
	MW07-20111012	10/12/11	6.36	166.4	2.92	0.181	14.9	15.2	--	--
	MW07-20130909	09/09/13	6.48	124.5	2.71	0.373	17.1	18.0	--	--
	MW07-20150508	05/08/15	5.94	304.5	4.79	0.491	5.34	17.19	39.0	<0.500
	MW07-20150805	08/05/15	6.22	84.4	4.65	0.597	0.96	18.43	--	--
	MW07-20151209	12/09/15	6.59	210.8	3.10	0.446	4.4	16.86	--	--
	MW07-20160308	03/08/16	6.42	252.3	3.78	0.375	8.12	15.00	--	0.862
	MW07-20160713	07/13/16	6.44	222.8	0.77	0.330	1.01	16.82	--	0.83
	MW07-20161019	10/19/16	6.79	120.8	2.96	0.328	4.00	16.24	--	1.70
	MW07-20170124	01/24/17	6.68	-36.8	4.92	0.275	12.21	13.47	--	4.25
	MW07-20170531	05/31/17	6.32	-76.4	4.45	0.474	7.21	15.95	--	4.58
	MW07-20180308	03/08/18	6.47	124.4	7.75	0.374	2.75	14.33	--	0.877
	MW07-20180629	06/29/18	6.32	176.2	7.38	0.509	1.43	16.31	--	1.80
	MW07-20180920	09/20/18	6.42	198.7	8.76	0.486	6.50	16.30	--	0.963
	MW07-20181214	12/14/18	6.32	55.0	7.57	0.465	3.86	15.59	25.5	0.942
	MW07-20190614	06/14/19	6.12	115.9	7.91	0.469	5.23	15.86	23.4	0.869
	MW07-20191205	12/05/19	6.41	-71.1	6.85	0.531	6.35	14.45	20.5	0.736
	MW07-20200630	06/30/20	6.41	125.4	4.95	0.414	4.14	15.88	--	0.789
	MW07-20201210	12/10/20	6.41	131.6	1.39	0.439	3.36	15.00	83.3	0.969
	MW07-20210623	06/23/21	6.39	-40.6	4.91	0.504	3.48	16.11	99.4	0.949
	MW07-20211215	12/15/21	6.89	130.1	1.12	0.483	1.12	14.80	60.5	0.884
	MW07-20220607	06/07/22	6.36	62.1	7.57	0.489	8.6	15.69	32.5	0.772
	MW07-20221214	12/14/22	6.81	323.7	8.46	0.970	15.1	14.80	32.7	0.756
	MW07-20230622	06/22/23	6.50	239.2	6.97	1.140	1.41	15.40	29.2	0.895

Table 5
Geochemical and Water Quality Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
MW13	MW13-20111020	10/20/11	7.10	138.0	2.12	1.040	21.8	15.9	--	--
	MW13-20130910	09/10/13	6.50	34.9	3.67	0.256	>200	18.4	--	--
	MW13-20150511	05/11/15	6.83	107.0	4.71	0.367	131.0	17.13	40.0	<0.500
	MW13-20150805	08/05/15	6.50	97.7	3.91	0.400	>200	17.82	--	--
	MW13-20151215	12/15/15	8.72	91.8	3.61	0.384	51.2	15.53	--	--
	MW13-20160307	03/07/16	6.80	190.3	2.94	0.348	4.06	15.83	--	--
	MW13-20160712	07/12/16	6.67	82.4	4.29	0.386	6.65	17.75	--	--
	MW13-20161019	10/19/16	6.50	161.4	4.95	0.339	33.4	16.74	--	--
	MW13-20170124	01/24/17	6.78	-58.5	4.44	0.359	8.68	14.96	--	--
	MW13-20170531	05/31/17	6.59	-84.5	2.38	0.353	8.31	16.32	--	--
	MW13-20170921	09/21/17	6.27	351.8	6.20	0.337	89.7	15.74	--	--
	MW13-20171214	12/14/17	6.83	122.5	3.81	0.363	overrange	12.39	--	--
	MW13-20180308	03/08/18	6.57	186.2	5.98	0.331	40.5	15.22	--	--
	MW13-20180629	06/29/18	6.68	76.4	3.66	0.396	18.2	16.34	--	--
	MW13-20180920	09/20/18	6.64	157.6	4.38	312.500	26.7	16.20	--	--
	MW13-20181214	12/14/18	6.49	22.2	3.30	0.320	38.0	14.93	--	--
	MW13-20190614	06/14/19	6.41	106.2	4.31	0.315	9.63	15.83	--	--
	MW13-20191205	12/05/19	6.28	-0.2	7.31	0.214	18.60	11.38	--	--
	MW13-20200626	06/26/20	6.57	211.1	7.12	0.334	26.40	15.70	--	--
	MW13-20201210	12/10/20	6.65	194.4	5.39	0.354	9.24	14.63	--	--
	MW13-20210623	06/23/21	6.73	203.9	2.82	0.294	9.16	16.50	--	--
	MW13-20211216	12/16/21	7.02	92.2	4.30	0.310	6.09	13.95	--	1.17
	MW13-20220608	06/08/22	6.27	319.0	5.50	0.329	9.85	14.90	--	--
	MW13-20221214	12/14/22	6.27	189.7	6.58	0.411	9.39	14.80	--	--
	MW13-20230622	06/22/23	6.64	186.1	6.58	0.438	6.14	15.30	--	--
MW27	MW27-20151210	12/10/15	6.75	217.6	5.56	0.417	4.5	16.74	--	--
	MW27-20160309	03/07/16	6.51	214.9	3.31	0.406	3.12	16.09	--	114
	MW27-20160713	07/13/16	6.47	78.8	2.60	0.414	5.17	17.36	--	--
	MW27-20161019	10/19/16	6.66	97.6	0.89	0.420	0.77	16.82	--	--
	MW27-20170124	01/24/17	6.55	113.9	0.68	0.617	4.01	0.68	--	--
	MW27-20170531	05/31/17	6.89	195.9	1.96	0.377	1.98	16.42	--	--
	MW27-20170921	09/21/17	6.51	126.3	2.39	0.365	2.27	15.64	--	--
	MW27-20171214	12/14/17	6.42	92.3	0.32	0.532	0.41	15.82	--	--
	MW27-20180308	03/08/18	6.46	-24.8	0.54	0.289	12.4	14.35	--	--
	MW27-20180628	06/28/18	6.32	-12.8	0.77	0.455	1.30	16.40	--	--
	MW27-20180920	09/20/18	6.42	40.9	0.21	0.388	1.34	16.80	--	--
	MW27-20181214	12/14/18	6.32	39.7	1.58	0.359	0.85	15.52	--	--
	MW27-20190614	06/14/19	6.44	49.6	3.22	0.360	1.47	15.92	--	--
	MW27-20191205	12/05/19	6.75	-69.3	5.25	0.372	1.68	14.20	--	--
	MW27-20200626	6/26/2020	6.20	197.9	0.32	0.442	3.42	16.10	--	--
	MW27-20201210	12/10/20	6.37	163.2	2.04	0.475	4.18	15.13	--	--
	MW27-20210623	06/23/21	6.55	12.7	0.22	0.535	6.11	16.70	--	--
	MW27-20211215	12/15/21	6.94	-62.8	0.06	0.567	5.31	15.30	--	--
	MW27-20220608	06/08/22	6.40	-29.5	0.42	0.432	1.10	15.57	--	--
	MW27-20221215	12/15/22	6.43	182.6	0.46	0.497	1.46	14.40	--	--
	MW27-20230621	06/21/23	6.67	31.8	0.19	0.367	3.15	15.60	--	--
MW31	MW31-20191009	10/09/19	9.75	100.2	4.02	0.230	16.2	15.02	--	--
	MW31-20191205	12/05/19	6.45	4.1	6.75	0.159	13.6	11.29	--	--
	MW31-20200630	6/30/2020	6.12	232.7	4.32	0.311	2,491[4]	16.06	--	--
	MW31-20201211	12/11/20	6.77	146.9	3.77	0.343	2,950[4]	12.14	--	--
	MW31-20210624	06/24/21	6.39	-13.1	8.62	0.286	24.1	16.59	--	--
	MW31-20211215	12/15/21	6.5	-6.4	4.73	0.381	9.3	14.38	--	--
	MW31-20220607	06/07/22	6.48	73.4	6.48	0.267	7.4	15.8	--	--
	MW31-20221214	12/14/22	6.37	176.2	7.41	0.311	32.6	14.8	--	--
	MW31-20230621	06/21/23	6.84	167	7.94	0.300	6.1	15.5	--	--
Terry Avenue North										
MW15	MW15-20150508	05/08/15	6.09	167.7	8.25	0.135	4.07	15.35	--	--
	MW15-20150805	08/05/15	6.16	134.1	8.64	0.163	0.5	15.90	--	--
	MW15-20151209	12/09/15	7.33	164.8	7.53	0.169	2.57	14.58	--	--
	MW15-20160308	03/08/16	6.19	181.1	7.26	0.197	2.63	14.44	--	--
	MW15-20160713	07/13/16	6.28	196.9	4.62	0.341	1.28	15.40	--	--
	MW15-20161018	10/18/16	6.41	192.6	4.75	0.289	6.48	15.35	--	--
	MW15-20170125	01/25/17	6.14	70.2	4.21	0.159	1.78	1.88	--	--
	MW15-20170531	05/31/17	5.67	-48.0	9.71	0.126	7.01	15.22	--	--
	MW15-20170922	09/22/17	5.81	382.3	7.69	0.156	1.72	15.06	--	--
	MW15-20171215	12/15/17	6.50	117.0	5.31	0.251	4.84	12.66	--	--
	MW15-20171215	12/15/17	6.50	117.0	5.31	0.251	4.84	12.66	--	--
	MW15-20180309	03/09/18	6.30	44.5	0.36	0.359	6.01	14.13	--	--
	MW15-20180629	06/29/18	6.14	36.2	4.13	0.228	11.55	14.39	--	--
	MW15-20180920	09/20/18	5.88	169.7	7.66	0.273	14.3	15.70	--	--
	MW15-20181214	12/14/18	6.00	46.7	6.24	0.238	5.61	14.60	--	--
	MW15-20190613	06/13/19	5.97	128.9	5.70	0.154	5.95	16.27	--	--
	MW15-20191205	12/05/19	6.84	-85.7	4.43	0.235	29.20	13.62	--	--
	MW15-20200626	6/26/2020	6.17	134.0	3.24	0.433	3.86	15.90	--	--
	MW15-20201211	12/11/20	6.35	102.6	4.9	0.599	3.13	14.02	--	--
	WELL DAMAGED 2021									

Table 5
Geochemical and Water Quality Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
MW34	MW34-20211216	12/16/21	7.15	195.3	1.51	0.432	18.5	16.6	--	--
	MW34-20220607	06/07/22	6.41	298.9	7.73	0.360	23.3	14.6	--	--
	MW34-20221214	12/14/22	6.78	321.9	9.82	0.700	29	14.8	--	--
	MW34-20230621	06/21/23	6.09	150.2	8.14	0.488	7.19	15.6	--	--
Thomas Street										
MW16	MW16-20130911	09/11/13	7.22	48.0	3.64	0.686	162.0	19.04	--	--
	MW16-20150508	05/08/15	6.40	145.4	0.68	0.676	22.1	15.59	266	0.961
	MW16-20150805	08/05/15	6.10	34.4	0.40	0.771	1.45	16.37	--	--
	MW16-20151210	12/10/15	7.80	114.5	0.73	0.789	1.34	14.90	--	--
	MW16-20160308	03/08/16	6.60	15.7	0.89	0.753	0.72	14.65	--	--
	MW16-20160712	07/12/16	6.68	-90.8	0.47	0.928	0.47	17.38	--	--
	MW16-20161019	10/19/16	6.49	-56.3	0.41	0.788	8.32	15.66	--	9.4
	MW16-20170125	01/25/17	6.57	112.90	0.46	0.703	1.98	14.20	--	13.50
	MW16-20170531	05/31/17	6.71	-106.2	0.65	0.985	3.81	16.63	--	46.0[D]
	MW16-20170922	09/22/17	6.62	189.4	0.72	0.995	1.35	16.96	--	92.1[D]
	MW16-20171229	12/29/17	6.87	96.9	2.13	0.830	1.95	14.11	--	93.5[D]
	MW16-20180309	03/09/18	6.70	68.4	0.23	0.941	7.98	15.28	--	1.87
	WELL DAMAGED 2018									
MW28	MW28-20190613	06/13/19	6.62	81.3	1.08	0.867	4.22	18.72	424	--
	MW28-20191009	10/09/19	8.1	87.4	1.58	0.789	5.72	16.13	--	--
	MW28-20191204	12/04/19	6.68	161.5	0.24	0.790	7.72	15.49	391	--
	MW28-20200626	06/26/20	6.70	-71.0	0.55	0.734	6.51	16.60	351	--
	MW28-20201211	12/11/20	6.89	158.9	1.47	0.634	18.9	14.37	304	--
	MW28-20210623	06/23/21	6.69	-48.1	3.67	0.723	7.71	19.66	292	--
	MW28-20211216	12/16/21	7.34	85.3	0.44	0.532	--	14.40	223	--
	MW28-20220609	06/09/22	6.79	81.4	1.20	0.600	16.3	15.10	267	--
	MW28-20221215	12/15/22	7.48	175.9	2.17	0.910	47.5	14.90	248	--
	MW28-20230621	06/21/23	7.21	106.2	7.75	0.318	84.1	15.90	160	--
Harrison Street										
MW01	MW01-20150806	08/06/15	5.71	126.9	9.20	0.308	3.41	21.37	--	--
	MW01-20160308	03/08/16	6.63	157.2	7.20	0.215	--	13.07	--	--
	MW01-20160712	07/12/16	6.69	157.7	7.48	0.225	24.9	17.28	--	--
	MW01-20161018	10/18/16	6.73	125.0	8.01	0.228	3.90	15.31	--	--
	MW01-20170124	01/24/17	6.72	144.0	8.00	0.222	2.27	13.25	--	--
	MW01-20170531	05/31/17	6.15	-30.9	8.24	0.262	8.66	15.17	--	--
	MW01-20171214	12/14/17	6.23	73.1	4.89	0.253	26.8	11.21	--	--
	MW01-20180309	03/09/18	6.34	185.7	5.40	0.219	5.27	12.87	--	--
	MW01-20180628	06/28/18	6.37	112.2	3.85	0.255	2.32	15.93	--	--
	MW01-20180920	09/20/18	6.35	179.8	5.91	0.260	2.82	16.10	--	--
	MW01-20181214	12/14/18	6.45	114.3	6.46	0.244	2.90	14.44	--	--
	MW01-20190614	06/14/19	6.30	111.2	8.19	0.288	1.73	15.45	--	--
	MW01-20191205	12/05/19	6.65	-80.8	7.20	0.325	2.61	13.81	--	--
	MW01-20200626	06/26/20	6.29	170.2	6.86	0.381	23.7	16.60	--	--
	MW01-20201211	12/11/20	6.36	187.7	11.11	0.442	4.37	14.11	--	--
	MW01-20210624	06/24/21	6.12	12.8	7.96	0.467	7.13	16.94	--	--
	MW01-20211215	12/15/21	6.41	5.4	7.07	0.536	3.30	14.01	--	--
	MW01-20220607	06/07/22	6.34	44.0	7.60	0.417	3.1	15.67	--	--
	MW01-20221214	12/14/22	6.39	184.7	8.34	0.283	5.7	14.90	--	--
	MW01-20230621	06/21/23	6.69	196.9	8.35	0.453	4.4	15.90	--	--
MW26	MW26-20151210	12/10/15	8.26	142.3	4.58	0.359	34.8	14.39	--	--
	MW26-20160307	03/07/16	6.54	108.6	0.93	0.234	3.21	14.20	--	--
	MW26-20160712	07/12/16	6.28	101.8	5.39	0.313	1.30	16.08	--	--
	MW26-20161018	10/18/16	6.39	181.0	5.55	0.312	7.52	14.69	--	--
	MW26-20170124	01/24/17	6.49	75.0	0.88	0.316	2.67	13.80	--	--
	MW26-20170531	05/31/17	6.50	213.1	0.86	0.230	2.97	14.82	--	--
	MW26-20170921	09/21/17	6.15	182.7	0.35	0.268	5.98	14.91	--	--
	MW26-20171214	12/14/17	6.06	163.4	0.32	0.354	2.66	12.65	--	--
	MW26-20180309	03/09/18	6.39	166.2	0.28	0.281	8.47	13.37	--	--
	MW26-20180628	06/28/18	6.21	68.0	0.28	0.379	8.52	15.44	--	--
	MW26-20180920	09/20/18	6.23	174.5	0.28	0.359	3.98	15.90	--	--
	MW26-20181214	12/14/18	6.23	23.8	0.62	0.196	5.96	13.96	103	1.23
	MW26-20190614	06/14/19	6.27	83.0	0.59	0.370	6.41	15.73	78.0	1.13
	MW26-20191205	12/05/19	6.58	-107.00	0.70	0.279	7.07	14.04	103	21.2[B]
	MW26-20200626	06/26/20	6.17	10.50	0.19	0.369	7.84	15.50	124	1.39
	MW26-20201211	12/11/20	6.46	184.90	0.64	0.196	4.67	13.27	93.1	1.02
	MW26-20210623	06/23/21	6.6	14.90	0.33	0.303	7.36	16.10	114	1.30
	MW26-20211215	12/15/21	6.87	-23.60	0.55	0.356	5.80	13.71	127	0.900
	MW26-20220608	06/08/22	6.3	224.50	5.92	0.500	60	15.50	85.5	1.99
	MW26-20221214	12/14/22	6.93	291.60	3.27	0.750	>200	15.30	139	1.06
	MW26-20230622	06/22/23	6.55	68.10	2.01	0.429	143	16.40	147	1.08

Table 5
Geochemical and Water Quality Parameters
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identification	Sample Date	pH[1]	ORP[1] (mV)	Dissolved Oxygen[1] (mg/L)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
MW32	MW32-20191009	10/09/19	6.16	-39.9	2.22	0.208	9.71	13.35	--	--
	MW32-20191205	12/05/19	5.92	-9.0	2.26	0.167	23.6	10.44	--	--
	MW32-20200626	06/26/20	5.98	118.9	3.54	0.251	6.92	15.20	--	--
	MW32-20201212	12/12/20	6.48	169.0	5.04	0.334	36.6	14.48	--	--
	MW32-20210624	06/24/21	6.37	156.4	2.79	0.271	14.9	15.80	--	--
	MW32-20211215	12/15/21	6.36	-36.9	0.86	0.280	11.0	14.16	--	--
	MW32-20220607	06/07/22	6.25	292.8	0.54	0.289	57.4	14.50	--	--
	MW32-20221214	12/14/22	7.1	279.9	2.60	0.479	146.0	14.50	--	--
	MW32-20230621	06/21/23	6.47	137.0	4.66	0.329	61.3	15.40	--	--
MW33	MW33-20191009	10/09/19	8.03	97.2	4.32	0.257	7.3	15.85	--	--
	MW33-20191205	12/05/19	6.38	-25.6	5.79	0.170	3.43	11.28	--	--
	--	06/26/20	WELL DRY, UNABLE TO SAMPLE							
	--	12/10/20	WELL DRY, UNABLE TO SAMPLE							
	MW33-20210624	06/24/21	6.91	181.6	7.75	0.387	22.8	16.7	--	--
	MW33-20211216	12/16/21	7.26	213.1	1.38	0.371	35.9	14.7	--	--
	MW33-20220607	06/07/22	6.75	222.8	7.15	0.299	12.7	14.8	--	--
	MW33-20221213	12/13/22	6.75	133.3	7.56	0.527	29.2	14.6	--	--
	MW33-20230620	06/20/23	6.75	204.6	7.46	0.594	58.5	15.5	--	--
South-Adjoining Property										
MW29	MW29-20191008	10/08/19	6.55	-146.2	1.67	0.777	32	14.09	--	--
	MW29-20191204	12/04/19	6.28	155.3	0.56	0.937	9.23	15.10	--	--
	MW29-20200625	06/25/20	6.59	33.2	0.70	0.960	9.70	16.70	--	--
	MW29-20201210	12/10/20	6.69	81.3	1.58	0.872	5.87	15.03	--	--
	MW29-20210622	06/22/21	6.59	45.5	4.96	0.870	3.10	17.99	--	--
	MW29-20211215	12/15/21	7.15	110.8	0.36	0.860	7.79	14.60	--	--
	MW29-20220607	06/07/22	6.7	55.7	1.03	0.700	8.5	15.31	--	--
	WELL DECOMISSIONED 2022									
MW29R	MW29R-2023									
MW30	MW30-20191008	10/08/19	2.98	133.8	2.30	0.495	158	15.29	--	--
	MW30-20191204	12/04/19	5.88	173.1	0.4	0.440	13.9	14.30	--	--
	MW30-20200625	06/25/20	6.12	61.9	5.92	0.488	22.7	20.10	--	--
	MW30-20201210	12/10/20	6.17	125	2.18	0.475	38.0	14.36	--	--
	MW30-20210623	06/23/21	6.30	136.3	1.29	0.419	113.0	17.90	--	--
	MW30-20211215	12/15/21	6.63	72.8	0.70	0.471	26.4	14.90	--	--
	MW30-20220606	06/06/22	6.19	69.8	1.29	0.338	130	15.20	--	--
	WELL DECOMISSIONED 2022									
MW35	MW35-2023									
ONNI-MW-4	ONNI-MW-4-20191208	12/08/19	6.46	-157.2	1.40	0.469	49.0	13.69	--	--
	ONNI-MW-4-20200625	06/25/20	6.97	-12.1	4.20	0.507	91.0	16.70	--	--
	ONNI-MW-4-20201210	12/10/20	7.06	182	1.99	0.472	245.0	13.15	--	--
	ONNI-MW-4-20210622	06/22/21	7.18	180.9	1.84	0.530	3713.0	23.30	--	--
	ONNI-MW-4-20211215	12/15/21	7.54	118.4	0.60	0.540	51.7	14.40	--	--
	WELL DECOMISSIONED 2022									
ONNI-MW-5	ONNI-MW-5-20191208	12/08/19	6.92	-176.5	1.7	0.423	45.0	12.75	--	--
	ONNI-MW-5-20200206	02/06/20	7.11	-38.1	1.17	0.368	20.5	14.79	--	--
	ONNI-MW-5-20200625	06/25/20	7.24	33.1	2.12	0.436	39.3	15.70	--	--
	ONNI-MW-5-20201209	12/09/20	7.21	131.6	0.38	0.405	15.0	14.81	--	--
	ONNI-MW-5-20210623	06/23/21	7.43	27.9	1.74	0.412	overrange	17.53	--	--
	ONNI-MW-5-20211214	12/14/21	7.41	-155.7	0.25	0.343	125	14.10	--	--
	WELL DECOMISSIONED 2022									
ONNI-MW-9	ONNI-MW-9-20211214	12/14/21	6.37	20.5	0.4	0.379	115	13.2	--	--
	ONNI-MW-9-20220606	06/06/22	6.27	329.1	15.41	0.550	55.1	15.3	--	--
	WELL DECOMISSIONED 2022									

NOTES:

Analyses performed by Friedman & Bruya, Inc., Fremont Analytical Inc., or Aquatic Research Inc., of Seattle, Washington; or Amtest Inc. of Kirkland, Washington.

[1]Parameter is measured in the field using water quality meter with flow-through cell. The reported value is the last reading prior to sampling groundwater.

[2]Analyzed by SM 2320B.

[3]Analyzed by SM 5310C.

[4]Elevated turbidity measurement as groundwater was purged from the base of the well.

Laboratory Notes:

[D]Dilution was required.

[B]Analyte detected in the associated Method Blank.

*Anomalous reading, attributed to meter error.

-- = not measured/ not applicable

< = not detected at a concentration exceeding the laboratory reporting limit

°C = degrees Celius

$CaCO_3$ = calcium carbonate

mg/L = milligrams per liter

mS/cm = milliSiemen per centimeter

mV = millivolts

NTU = nephelometric turbidity unit

ORP = oxidation-reduction potential

SM = Standard Method

SoundEarth Strategies

Table 6
Groundwater Analytical Results for Volatile Fatty Acids
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identificiation	Sample Date	Lactate[1] (mg/L)	Acetate[1] (mg/L)	Propionate[1] (mg/L)	Formate[1] (mg/L)	Butyrate[1] (mg/L)	Pyruvate[1] (mg/L)	Lactic[2] (mg/L)	Acetic[3] (mg/L)	Total Organic Carbon[4] (mg/L)
MW07	MW07-20160308	03/08/16	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	0.862
	MW07-20160713	07/16/16	--	--	--	--	--	--	<20	<20[X,D]	0.83
	MW07-20161019	10/19/16	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	1.7
	MW07-20170124	01/24/17	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	4.25
	MW07-20170531	05/31/17	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	4.58
	MW07-20180308	03/08/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	0.877
	MW07-20180629	06/29/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	1.80
	MW07-20180920	09/20/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	0.963
MW16	MW16-20161019	10/19/16	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	9.4
	MW16-20170125	01/25/17	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	13.5
	MW16-20170531	05/31/17	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	46.0[D]
	MW16-20170922	09/22/17	<0.39	1.1	<0.31	2	<0.41	<0.69	--	--	92.1[D]
	MW16-20171229	12/29/17	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	93.5[D]
	MW16-20180309	03/09/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	1.87
	WELL DAMAGED 2018										
MW18	MW18-20150506	05/06/15	--	--	--	--	--	--	--	--	<0.500
	MW18-20160308	03/08/16	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	1.01
	MW18-20160714	07/14/16	--	--	--	--	--	--	<100	64[X,D]	2,300
	MW18-20161020	10/20/16	<7.8	959	494	<4.4	131	<14	--	--	1,900
	MW18-20170126	01/26/17	<7.8	830	200	<4.4	121	<14	--	--	823
	MW18-20170601	06/01/17	<7.8	512	300	<4.4	115	<14	--	--	1,090[D]
	MW18-20170923	09/23/17	<0.39	25	232	<0.22	<0.41	2	--	--	253[D]
	MW18-20171216	12/16/17	<0.39	<0.54	81	0.79	<0.41	<0.69	--	--	173[D]
	MW18-20180310	03/10/18	<0.39	193	79	0.55	1.6	1.7	--	--	108[D]
	MW18-20180630	06/30/18	<0.39	28	53	<0.22	<0.41	<0.69	--	--	47.2[D]
	MW18-20180922	09/22/18	<0.39	26	5.4	<0.22	<0.41	<0.69	--	--	37.8[D]
	MW18-20190615	06/15/19	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	11
	MW18-20191207	12/07/19	<0.39	10	<0.31	<0.22	<0.41	<0.69	--	--	--
	MW18-20200627	06/27/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	5.95
	MW18-20201212	12/12/20	<0.69	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	4.30
	MW18-20210625	06/25/21	<0.39	1.8	<0.31	<0.22	<0.41	<0.69	--	--	6.85
	MW18-20211217	12/17/21	<0.39	<0.54	<0.31	<0.22	<0.47	<0.69	--	--	11.9
	MW18-20220609	06/09/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	7.97
	MW18-20221215	12/15/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	6.18
	MW18-20230622	06/22/23	1.6[J]	<1.4	<0.10	0.42	<0.06	<0.15	--	--	5.69

SoundEarth Strategies

Table 6
Groundwater Analytical Results for Volatile Fatty Acids
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identificiation	Sample Date	Lactate[1] (mg/L)	Acetate[1] (mg/L)	Propionate[1] (mg/L)	Formate[1] (mg/L)	Butyrate[1] (mg/L)	Pyruvate[1] (mg/L)	Lactic[2] (mg/L)	Acetic[3] (mg/L)	Total Organic Carbon[4] (mg/L)
MW21	MW21-20160309	03/09/16	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	2.29
	MW21-20160713	07/13/16	--	--	--	--	--	--	<100	<100[X,D]	1,800
	MW21-20161020	10/20/16	<7.8	509	1,032	<4.4	43	<14	--	--	1,800
	MW21-20170126	01/26/17	<0.39	201	311	1.1	31	0.91	--	--	884
	MW21-20170601	06/01/17	<7.8	682	393	<4.4	88	<14	--	--	755[D]
	MW21-20170924	09/24/17	<7.8	880	507	<4.4	148	<14	--	--	871[D]
	MW21-20171216	12/16/17	<7.8	630	151	45	148	13	--	--	722[D]
	MW21-20180310	03/10/18	<0.39	490	124	1.0	73	16	--	--	466[D]
	MW21-20180630	06/30/18	<7.8	811	278	<4.4	151	28	--	--	718[D]
	MW21-20180922	09/22/18	<0.39	460	173	<0.22	114	<0.69	--	--	549[D]
	MW21-20190615	06/15/19	<0.39	140	66	<0.22	12	4	--	--	163[D]
	MW21-20191207	12/07/19	<0.39	116	7.2	<0.22	13	12	--	--	--
	MW21-20200627	06/27/20	<0.39	249	144	20	79	19	--	--	--
	MW21-20201212	12/12/20	<0.69	157	89	0.72	36	9.1	--	--	191[D]
	MW21-20210625	6/25/21	<0.39	189	85	<0.22	50	15	--	--	349[D]
	MW21-20211217	12/17/21	<0.39	174	62	1.5	31	16	--	--	330
	MW21-20220609	06/09/22	<0.39	<0.54	<0.31	0.64	<0.41	<0.69	--	--	123[D]
	MW21-20221215	12/15/22	<0.39	161	6.1	<0.22	14	4.1	--	--	104[D]
	MW21-20230623	06/23/23	<0.62	136	7.4	<1.3	8.7	0.93[J]	--	--	25.5
MW22	MW22-20190615	06/15/19	<0.39	270	150	<0.22	39	13	--	--	286[D]
	MW22-20191207	12/07/19	<0.39	418	134	<0.22	42	13	--	--	--
	MW22-20200627	06/27/20	<0.39	283	56	<0.22	21	7.3	--	--	206[D]
	MW22-20201212	12/12/20	<0.69	142	22	<0.22	8.8	1.2	--	--	95.5[D]
	MW22-20210625	06/25/21	<0.39	254	14	<0.22	36	2.4	--	--	349[D]
	MW22-20211217	12/17/21	<0.39	169	16	<0.22	14	1.9	--	--	133[D]
	MW22-20220609	06/09/22	<0.39	168	17	0.6	12	1.3	--	--	42.0
	MW22-20221216	12/16/22	<0.39	191	1.5	<0.22	20	2.5	--	--	105[D]
	MW22-20230623	06/23/23	<0.62	173	5.0	3.6	12	1.7[J]	--	--	82.7

SoundEarth Strategies

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Groundwater Analytical Results for Volatile Fatty Acids
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identificiation	Sample Date	Lactate[1] (mg/L)	Acetate[1] (mg/L)	Propionate[1] (mg/L)	Formate[1] (mg/L)	Butyrate[1] (mg/L)	Pyruvate[1] (mg/L)	Lactic[2] (mg/L)	Acetic[3] (mg/L)	Total Organic Carbon[4] (mg/L)
MW23	MW23-20150507	05/07/15	--	--	--	--	--	--	--	--	<0.500
	MW23-20160308	03/08/16	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	3.14
	MW23-20160714	07/14/16	--	--	--	--	--	--	<100	<100[X]	2,300
	MW23-20161020	10/20/16	<7.8	986	1,229	<4.4	144	<14	--	--	2,300
	MW23-20170126	01/26/17	<7.8	613	256	<4.4	57	<14	--	--	520
	MW23-20170601	06/01/17	<7.8	1,300	656	<4.4	280	<14	--	--	1,620[D]
	MW23-20170923	09/23/17	<7.8	705	388	<4.4	295	59	--	--	1,160[D]
	MW23-20171216	12/16/17	<0.39	131	176	8.0	106	31	--	--	865[D]
	MW23-20180310	03/10/18	<0.39	25	151	2.8	<0.41	7.2	--	--	127[D]
	MW23-20180630	06/30/18	<0.39	52	213	<0.22	<0.41	8.5	--	--	198[D]
	MW23-20180922	09/22/18	<0.39	26	230	<0.22	<0.41	<0.69	--	--	159[D]
	MW23-20190615	06/15/19	<0.39	19	86	<0.22	0.42	1.8	--	--	60.7[D]
	MW23-20191207	12/07/19	<0.39	24	<0.31	2.7	<0.41	<0.69	--	--	--
	MW23-20200627	06/27/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	6.41
	MW23-20201212	12/12/20	<0.69	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	7.90
	MW23-20210625	06/25/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	6.65
	MW23-20211217	12/17/21	<0.39	<0.54	<0.31	<0.22	<0.47	<0.69	--	--	6.10
MW24	MW24-20150506	05/06/15	--	--	--	--	--	--	--	--	1.12
	MW24-20160309	03/09/16	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	2.19
	MW24-20160715	07/15/16	--	--	--	--	--	--	<100	56.7[X,D]	1,000
	MW24-20161020	10/20/16	<7.8	1,431	143	<4.4	20	<14	--	--	640
	MW24-20170126	01/26/17	<7.8	901	133	<4.4	34	<14	--	--	375
	MW24-20170601	06/01/17	<7.8	1,036	204	78	251	<14	--	--	1,470[D]
	MW24-20170924	09/24/17	<0.39	28	140	4.2	38	7.9	--	--	390[D]
	MW24-20171216	12/16/17	<0.39	12	70	1.2	2.0	0.80	--	--	233[D]
	MW24-20180310	03/10/18	<0.39	8.0	10	<0.22	<0.41	<0.69	--	--	22.1[D]
	MW24-20180630	06/30/18	<7.8	681	164	<4.4	123	<13.8	--	--	770[D]
	MW24-20180922	09/22/18	<0.39	26	10	<0.22	1	<0.69	--	--	45.5[D]
	MW24-20190615	06/15/19	<0.39	39	5.6	<0.22	0.46	<0.69	--	--	20.5
	MW24-20191207	12/07/19	5.7	29	<0.31	3.0	<0.41	<0.69	--	--	--
	MW24-20200627	06/27/20	<0.39	<0.54	0.60	<0.22	<0.41	<0.69	--	--	8.44
	MW24-20201212	12/12/20	<0.69	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	6.95
	MW24-20210625	06/25/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	7.52
	MW24-20211217	12/17/21	<0.39	<0.54	<0.31	1.7	<0.47	<0.69	--	--	<0.500
	MW24-20220609	06/09/22	<0.39	1.0	<0.31	0.92	<0.41	<0.69	--	--	5.79
	MW24-20221216	12/16/22	<0.39	9.4	<0.31	<0.22	<0.41	<0.69	--	--	8.08[D]
	MW24-20230623	06/23/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15	--	--	4.60

SoundEarth Strategies

Table 6
Groundwater Analytical Results for Volatile Fatty Acids
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identificiation	Sample Date	Lactate[1] (mg/L)	Acetate[1] (mg/L)	Propionate[1] (mg/L)	Formate[1] (mg/L)	Butyrate[1] (mg/L)	Pyruvate[1] (mg/L)	Lactic[2] (mg/L)	Acetic[3] (mg/L)	Total Organic Carbon[4] (mg/L)
MW25	MW25-20150507	05/07/15	--	--	--	--	--	--	--	--	<0.500
	MW25-20190615	06/15/19	<0.39	45	1.3	<0.22	1.3	<0.69	--	--	25.80
	MW25-20191207	12/07/19	<0.39	21	<0.31	2.9	<0.41	<0.69	--	--	--
	MW25-20200627	06/27/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	5.21
	MW25-20201212	12/12/20	<0.69	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	9.57
	MW25-20210625	06/25/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	7.50
	MW25-20211217	12/17/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	4.18
	MW25-20220609	06/09/22	<0.39	<0.54	<0.31	0.80	<0.41	<0.69	--	--	2.29
	MW25-20221216	12/16/22	<0.39	6.5	<0.31	<0.22	<0.41	<0.69	--	--	1.16
	MW25-20230623	06/23/23	1.7[J]	<1.4	<0.10	<1.3	<0.06	<0.15	--	--	1.56
IW04	IW04-20150508	05/08/15	--	--	--	--	--	--	--	--	<0.500
	IW04-20190615	06/15/19	<0.39	31	6.1	<0.22	3.2	0.42	--	--	148[D]
	IW04-20191207	12/07/19	<0.39	25	<0.31	3.3	<0.41	<0.69	--	--	--
	IW04-20200627	06/27/20	<0.39	8.2	1.5	<0.22	1.5	<0.69	--	--	88.7[D]
	IW04-20201212	12/12/20	<0.69	6.2	3.1	<0.22	2.1	<0.69	--	--	90.3[D]
	IW04-20210625	06/25/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	93.1[D]
	IW04-20211217	12/17/21	<0.39	2.4	1.2	<0.22	<0.47	<0.69	--	--	101[D]
	IW04-20220609	06/09/22	<0.39	178	45	5.9	29	16	--	--	75.6[D]
	IW04-20221215	12/15/22	<0.39	7.2	<0.31	<0.22	<0.41	<0.69	--	--	30.5[D]
	IW04-20230622	06/22/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15	--	--	24.3
IW50	IW50-20160309	03/09/16	<0.39	358	82	1.1	22	<0.69	--	--	115
	IW50-20160715	07/15/16	--	--	--	--	--	--	<100	<100[X,D]	1,100
	IW50-20161021	10/21/16	<7.8	1,492	683	8.2	476	<14	--	--	1,600
	IW50-20170126	01/26/17	<0.39	73	102	4.0	61	9.4	--	--	391
	IW50-20170602	06/02/17	<0.39	39	5.2	<0.22	1.3	<0.69	--	--	85.2[D]
	IW50-20170924	09/24/17	<0.39	87	108	<0.22	4.2	2.5	--	--	214[D]
	IW50-20171216	12/16/17	`	43	8.0	<0.22	<0.41	<0.69	--	--	224[D]
	IW50-20180310	03/10/18	<0.39	41	3.1	<0.22	0.79	<0.69	--	--	55.0[D]
	IW50-20180630	06/30/18	<0.39	4.9	<0.31	<0.22	<0.41	<0.69	--	--	41.9[D]
	IW50-20180922	09/22/18	<0.39	2.3	<0.31	<0.22	<0.41	<0.69	--	--	29.6[D]
	IW50-20190615	06/15/19	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	7.56
	IW50-20191207	12/07/19	<0.39	18	<0.31	3.3	<0.41	<0.69	--	--	--
	IW50-20200627	06/27/20	<0.39	2.8	<0.31	<0.22	<0.41	<0.69	--	--	18.2
	IW50-20201212	12/12/20	<0.69	1.6	<0.31	<0.22	<0.41	<0.69	--	--	13.7
	IW50-20210625	06/25/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	16.1
	IW50-20211217	12/17/21	<0.39	9.2	1.3	<0.22	<0.47	<0.69	--	--	38.1
	IW50-20220609	06/09/22	--	--	--	--	--	--	--	--	13.5
	IW50-20221216	12/16/22	<0.39	7.4	<0.31	<0.22	<0.41	<0.69	--	--	5.66
	IW50-20230623	06/23/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15	--	--	6.25

SoundEarth Strategies

Table 6
Groundwater Analytical Results for Volatile Fatty Acids
Troy Laundry Seattle Site
300 Boren Avenue North and 399 Fairview Avenue North
Seattle, Washington

Well Identification	Sample Identificiation	Sample Date	Lactate[1] (mg/L)	Acetate[1] (mg/L)	Propionate[1] (mg/L)	Formate[1] (mg/L)	Butyrate[1] (mg/L)	Pyruvate[1] (mg/L)	Lactic[2] (mg/L)	Acetic[3] (mg/L)	Total Organic Carbon[4] (mg/L)
IW61	IW61-20160309	03/09/16	<0.39	368	51	0.69	28	<0.69	--	--	114
	IW61-20160713	07/13/16	--	--	--	--	--	--	<100	217[X,D]	2,900
	IW61-20161021	10/21/16	<7.8	1,543	538	122	837	<14	--	--	3,000
	IW61-20170126	01/26/17	<7.8	612	253	38	363	<14	--	--	1,300
	IW61-20170602	06/02/17	<0.39	171	118	<0.22	189	<0.69	--	--	908[D]
	IW6120170923	09/23/17	<7.8	2,589	231	37	705	19	--	--	1,490[D]
	IW61-20171216	12/16/17	<0.39	235	151	45	148	13	--	--	765[D]
	IW61-20180310	03/10/18	<0.39	184	176	31	92	16	--	--	432[D]
	IW61-20180630	06/30/18	<0.39	111	200	<0.22	44	14	--	--	406[D]
	IW61-20180922	09/22/18	<0.39	71	170	14	21	<0.69	--	--	228[D]
	IW61-20190615	06/15/19	<0.39	88	72	<0.22	4.4	0.58	--	--	140[D]
	IW61-20191207	12/07/19	<0.39	98	7.2	1.8	5	<0.69	--	--	--
	IW61-20200627	06/27/20	<0.39	13	0.62	<0.22	<0.41	<0.69	--	--	55.4[D]
	IW61-20201212	12/12/20	<0.69	5.1	<0.31	0.60	<0.41	<0.69	--	--	60.6[D]
	IW61-20210625	06/25/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	--	--	66.2[D]
	IW61-20211217	12/17/21	<0.39	4.5	<0.31	<0.22	<0.47	<0.69	--	--	72.6[D]
	IW61-20211217	06/09/22	<0.39	1.4	<0.31	<0.22	2.5	<0.69	--	--	81.8[D]
	IW61-20221216	12/16/22	<0.39	12	<0.31	<0.22	<0.41	<0.69	--	--	81.4[D]
	IW61-20230623	06/23/23	2.0	4.4	<0.10	1.9[J]	<0.06	<0.15	--	--	80.4

NOTES:

[1]Analyzed by Ion Chromatography.

[2]Analyzed by EPA Method 300.0.

[3]Analyzed by EPA Method 300.0 modified.

[4]Analyzed by SM 5310C or EPA Method 300.0 modified.

Laboratory Notes:

[D]The reported value is from a dilution.

[X]Acetic and proprionic acids co-eluted. Results are quantitated at acetic acid.

[J]The associated value s an estimated reuslt between the QL and the RL

-- = not measured/ not applicable

< = not detected at a concentration exceeding the laboratory reporting limit

EPA = US Environmental Protection Agency

mg/L = milligrams per liter

SM = Standard Method

QL = Quantitation limit

RL = Reporting Limit

ATTACHMENT A

LABORATORY ANALYTICAL REPORTS

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

June 26, 2023

Levi Fernandes, Project Manager
SoundEarth Strategies
1011 SW Klickitat Way, Suite 104
Seattle, WA 98134

Dear Mr Fernandes:

Included are the results from the testing of material submitted on June 20, 2023 from the SOU_0731-004-08_ 20230620, F&BI 306324 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 should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Linnea Coleman, Tom Cammarata
SOU0626R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 20, 2023 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-08_ 20230620, F&BI 306324 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
306324 -01	MW33-20230620

All quality control requirements were acceptable.

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW33-20230620	Client:	SoundEarth Strategies
Date Received:	06/20/23	Project:	SOU_0731-004-08_ 20230620, F&BI 306324
Date Extracted:	06/21/23	Lab ID:	306324-01
Date Analyzed:	06/21/23	Data File:	062112.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	89	71	132
Toluene-d8	90	68	139
4-Bromofluorobenzene	101	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-08_ 20230620, F&BI 306324
Date Extracted:	06/21/23	Lab ID:	03-1455 mb
Date Analyzed:	06/21/23	Data File:	062107.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	91	71	132
Toluene-d8	87	68	139
4-Bromofluorobenzene	98	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Date of Report: 06/26/23
Date Received: 06/20/23
Project: SOU_0731-004-08_ 20230620, F&BI 306324

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 306261-17 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	10	<0.02	90	16-176
trans-1,2-Dichloroethene	ug/L (ppb)	10	<1	94	50-150
cis-1,2-Dichloroethene	ug/L (ppb)	10	<1	96	50-150
Trichloroethene	ug/L (ppb)	10	<0.5	88	43-133
Tetrachloroethene	ug/L (ppb)	10	<1	106	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	10	96	94	43-149	2
trans-1,2-Dichloroethene	ug/L (ppb)	10	100	100	70-130	0
cis-1,2-Dichloroethene	ug/L (ppb)	10	102	102	70-130	0
Trichloroethene	ug/L (ppb)	10	98	97	70-130	1
Tetrachloroethene	ug/L (ppb)	10	102	100	70-130	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, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

306324

SAMPLE CHAIN OF CUSTODY

06/20/23

VW1

Send R[illegible]ernandes, Linnea Coleman, Tom Cammarata

Company: SoundEarth Strategies, Inc.

Address: 1011 SW Klickitat Way, Suite 212

City, State, ZIP Seattle, Washington 98134

Phone # 206-306-1900 Fax #

SAMPLERS (signature)	
Brennan Booker	
PROJECT NAME/NO.	PO #
Troy Laundry Property	0731-004-08
REMARKS *cVOCs = PCE, TCE, Cis/Trans-DCE, and VC	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

⊗ Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	DRPH/ORPH by NWTPH-Dx	cVOCs* by EPA 8260D	Methane, Ethane, Ethene by RSK-175	Sulfate, Nitrate, Alkalinity by SM1845/SM2320B	Total Fe and Mn by EPA 200.8	Fe 2+ by SM 3500	TOC By EPA 415.1	Notes
MW33-20230620	MW33	—	01Arc	06/20/23	1445	GW	3			X						

BDB 06/20/23

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:	Brennan Booker	Brennan Booker	SES	06/20/23	1554
Received by:		ITO NG NGUYEN	FBA	6/20/23	15:54
Relinquished by:					
Received by:			Samples received at	6 °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.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

July 5, 2023

Levi Fernandes, Project Manager
SoundEarth Strategies
1011 SW Klickitat Way, Suite 104
Seattle, WA 98134

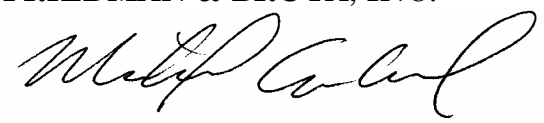
Dear Mr Fernandes:

Included are the results from the testing of material submitted on June 23, 2023 from the SOU_0731-004-08_ 20230623, F&BI 306390 project. There are 36 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Linnea Coleman, Tom Cammarata
SOU0705R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 23, 2023 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-08_ 20230623, F&BI 306390 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
306390 -01	MW04-20230622
306390 -02	MW26-20230622
306390 -03	MW07-20230622
306390 -04	MW13-20230622
306390 -05	IW04-20230622
306390 -06	IW06-20230622
306390 -07	MW18-20230622
306390 -08	MW19-20230622
306390 -09	MW25-20230623
306390 -10	MW21-20230623
306390 -11	IW50-20230623
306390 -12	MW22-20230623
306390 -13	MW99-20230623
306390 -14	MW24-20230623
306390 -15	IW61-20230623

The samples submitted for ferrous iron, nitrate, sulfate, alkalinity, TOC, and dissolved gases analyses were sent to Fremont Analytical. The report is enclosed.

All quality control requirements were acceptable.

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_0731-004-08_ 20230623, F&BI 306390
Date Extracted: 06/26/23
Date Analyzed: 06/27/23

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
MW13-20230622 306390-04	<100	133
MW21-20230623 306390-10	<100	119
MW22-20230623 306390-12	120	133
Method Blank 03-1400 MB	<100	111

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_0731-004-08_ 20230623, F&BI 306390
Date Extracted: 06/27/23
Date Analyzed: 06/27/23

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
MW13-20230622 306390-04	<50	<250	104
MW21-20230623 306390-10	5,900 x	3,800 x	ip
MW22-20230623 306390-12	2,900 x	1,500 x	147
Method Blank 03-1510 MB2	<50	<250	115

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW04-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-01
Date Analyzed:	06/26/23	Data File:	306390-01.141
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	123
Manganese	<1

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW26-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-02 x10
Date Analyzed:	06/26/23	Data File:	306390-02 x10.127
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	4,320
Manganese	842

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW07-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-03
Date Analyzed:	06/27/23	Data File:	306390-03.163
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	293
Manganese	9.04

Analysis For Total Metals By EPA Method 200.8

Client ID:	IW04-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-05 x10
Date Analyzed:	06/26/23	Data File:	306390-05 x10.129
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	15,500
Manganese	6,030

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW18-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-07 x10
Date Analyzed:	06/26/23	Data File:	306390-07 x10.130
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	18,600
Manganese	7,740

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW19-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-08 x100
Date Analyzed:	06/27/23	Data File:	306390-08 x100.164
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	26,600
Manganese	14,600

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW25-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-09 x10
Date Analyzed:	06/26/23	Data File:	306390-09 x10.132
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	4,730
Manganese	5,980

Analysis For Total Metals By EPA Method 200.8

Client ID:	IW50-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-11 x10
Date Analyzed:	06/26/23	Data File:	306390-11 x10.136
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	9,540
Manganese	9,670

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW22-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-12 x10
Date Analyzed:	06/26/23	Data File:	306390-12 x10.137
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	13,300
Manganese	9,840

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW24-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-14 x100
Date Analyzed:	06/27/23	Data File:	306390-14 x100.165
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	12,800
Manganese	22,700

Analysis For Total Metals By EPA Method 200.8

Client ID:	IW61-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-15 x100
Date Analyzed:	06/27/23	Data File:	306390-15 x100.166
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	17,600
Manganese	14,400

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	I3-509 mb
Date Analyzed:	06/26/23	Data File:	I3-509 mb.114
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	<50
Manganese	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW04-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-01
Date Analyzed:	06/26/23	Data File:	062629.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	78	126
Toluene-d8	96	84	115
4-Bromofluorobenzene	105	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	9.3
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW26-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-02
Date Analyzed:	06/26/23	Data File:	062630.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	78	126
Toluene-d8	97	84	115
4-Bromofluorobenzene	105	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	11
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW07-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-03
Date Analyzed:	06/26/23	Data File:	062628.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	5.1
Tetrachloroethene	2.4

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW13-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-04
Date Analyzed:	06/26/23	Data File:	062627.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	78	126
Toluene-d8	102	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	4.3

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	IW04-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-05
Date Analyzed:	06/26/23	Data File:	062616.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	78	126
Toluene-d8	103	84	115
4-Bromofluorobenzene	107	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	0.26
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	IW06-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-06
Date Analyzed:	06/26/23	Data File:	062623.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	93	78	126
Toluene-d8	94	84	115
4-Bromofluorobenzene	99	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	1.1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW18-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-07
Date Analyzed:	06/26/23	Data File:	062617.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	109	78	126
Toluene-d8	107	84	115
4-Bromofluorobenzene	105	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	1.4
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW19-20230622	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-08
Date Analyzed:	06/26/23	Data File:	062618.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	78	126
Toluene-d8	102	84	115
4-Bromofluorobenzene	112	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	0.25
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW25-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-09
Date Analyzed:	06/26/23	Data File:	062625.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	78	126
Toluene-d8	101	84	115
4-Bromofluorobenzene	108	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	1.3
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	2.2
Trichloroethene	3.2
Tetrachloroethene	2.7

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW21-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-10
Date Analyzed:	06/26/23	Data File:	062620.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	78	126
Toluene-d8	99	84	115
4-Bromofluorobenzene	106	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	2.0
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	1.4
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	IW50-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-11
Date Analyzed:	06/26/23	Data File:	062624.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	78	126
Toluene-d8	95	84	115
4-Bromofluorobenzene	105	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	5.8
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	18
Trichloroethene	0.79
Tetrachloroethene	1.8

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW22-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-12
Date Analyzed:	06/26/23	Data File:	062619.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	78	126
Toluene-d8	104	84	115
4-Bromofluorobenzene	94	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	0.51
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	21
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW99-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-13
Date Analyzed:	06/26/23	Data File:	062626.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	78	126
Toluene-d8	102	84	115
4-Bromofluorobenzene	108	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	1.3
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	2.3
Trichloroethene	3.4
Tetrachloroethene	2.8

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW24-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-14
Date Analyzed:	06/26/23	Data File:	062621.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	78	126
Toluene-d8	102	84	115
4-Bromofluorobenzene	104	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	1.5
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	IW61-20230623	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306390-15
Date Analyzed:	06/26/23	Data File:	062622.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	111	78	126
Toluene-d8	106	84	115
4-Bromofluorobenzene	56	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	2.7
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	36
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	03-1462 mb
Date Analyzed:	06/26/23	Data File:	062615.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	78	126
Toluene-d8	97	84	115
4-Bromofluorobenzene	111	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_0731-004-08_ 20230623, F&BI 306390

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 306372-01 (Duplicate)

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	99	70-130

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_0731-004-08_ 20230623, F&BI 306390

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	96	84	65-151	13

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_0731-004-08_ 20230623, F&BI 306390

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 306390-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Iron	ug/L (ppb)	100	123	106 b	104 b	70-130	2 b
Manganese	ug/L (ppb)	20	<1	98	98	70-130	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Iron	ug/L (ppb)	100	100	85-115
Manganese	ug/L (ppb)	20	94	85-115

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_0731-004-08_ 20230623, F&BI 306390

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 306390-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	10	1.4	61	50-150
trans-1,2-Dichloroethene	ug/L (ppb)	10	<1	53	50-150
cis-1,2-Dichloroethene	ug/L (ppb)	10	<1	50	10-211
Trichloroethene	ug/L (ppb)	10	<0.5	52	35-149
Tetrachloroethene	ug/L (ppb)	10	<1	54	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	10	117	130	64-142	11
trans-1,2-Dichloroethene	ug/L (ppb)	10	98	101	70-130	3
cis-1,2-Dichloroethene	ug/L (ppb)	10	93	96	70-130	3
Trichloroethene	ug/L (ppb)	10	95	100	70-130	5
Tetrachloroethene	ug/L (ppb)	10	101	99	70-130	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, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

306390

SAMPLE CHAIN OF CUSTODY

06/23/23

VW3/I4/LS

Page # 1 of 2

Send Report to: Levi Fernandes, Linnea Coleman, Tom Cammarata

Company: SoundEarth Strategies, Inc.

Address: 1011 SW Klickitat Way, Suite 212

City, State, ZIP Seattle, Washington 98134

Phone # 206-306-1900 Fax #

SAMPLERS (signature)

PROJECT NAME/NO.	PO #
Troy Laundry Property	0731-004-08
REMARKS *cVOCs = PCE, TCE, Cis/Trans-DCE, and VC	EIM Y

TURNAROUND TIME

(Standard (2 Weeks)) RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

⊗ Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	DRPH/ORPH by NWTPH-Dx	cVOCs * by EPA 8260D	Methane, Ethane, Ethene by RSK-175	Sulfate, Nitrate, Alkalinity by SM1845/SM2320B	Total Fe and Mn by EPA 200.8	Fe 2+ by SM 3500	TOC By EPA 415.1	Notes
MW04-20230622	MW04	–	01A-J	6/22/23	0840	H2O	10			X	X	X	X	X	X	
MW26-20230622	MW26	–	02		0915		10			X	X	X	X	X	X	
MW07-20230622	MW07	–	03		1010		10			X	X	X	X	X	X	
MW13-20230622	MW13	–	04A-E		1145		5	X	X	X						
IW04-20230622	IW04	–	05A-G		1438		7			X		X	X	X	X	
IW06-20230622	IW06	–	06A-C		1440		3			X						
MW18-20230622	MW18	–	07A-J		1605		10			X	X	X	X	X	X	
MW19-20230622	MW19	–	08A-J		1615		9			X	X	X	X	X		
MW25-20230623	MW25	–	09A-J	6/23/23	0858		10			X	X	X	X	X	X	
MW21-20230623	MW21	–	10A-I		0925		9	X	X	X	X				X	
IW50-20230623	IW50	–	11A-J		1111		10			X	X	X	X	X	X	
MW22-20230623	MW22	–	12A-L		1115		12	X	X	X	X	X	X	X	X	
MW99-20230623	MW99	–	13A-B		1200		3			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:		Linnea Coleman	SES	6/23/23	1718
Received by:		BISRAT TADESSE	FB1	6/23/23	1718
Relinquished by:					
Received by:		Samples received at 4 °C			

306390

SAMPLE CHAIN OF CUSTODY

06/23/23 VW3/I4/LL4/L5/2

Page # 2 of 2

Send Report to: Levi Fernandes, Linnea Coleman, Tom Cammarata

Company: SoundEarth Strategies, Inc.

Address: 1011 SW Klickitat Way, Suite 212

City, State, ZIP Seattle, Washington 98134

Phone # 206-306-1900 Fax #

SAMPLERS *(signature)*

PROJECT NAME/NO.	PO #
Troy Laundry Property	0731-004-08
REMARKS *cVOCs = PCE, TCE, Cis/Trans-DCE, and VC	EIM Y

TURNAROUND TIME

(Standard (2 Weeks))

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

⊗ Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	DRPH/ORPH by NWTPH-Dx	cVOCs * by EPA 8260D	Methane, Ethane, Ethene by RSK-175	Sulfate, Nitrate, Alkalinity, by SM1845/SM2320B	Total Fe and Mn by EPA 200.8	Fe 2+ by SM 3500	TOC By EPA 415.1	Notes
MW24-20230623	MW34	–	14 4oz J	6/23/23	1230	H_2O	10			X	X	X	X	X	X	
IW61-20230623	IW61	–	15 4oz J	↓	1232	↓	10			X	X	X	X	X	X	

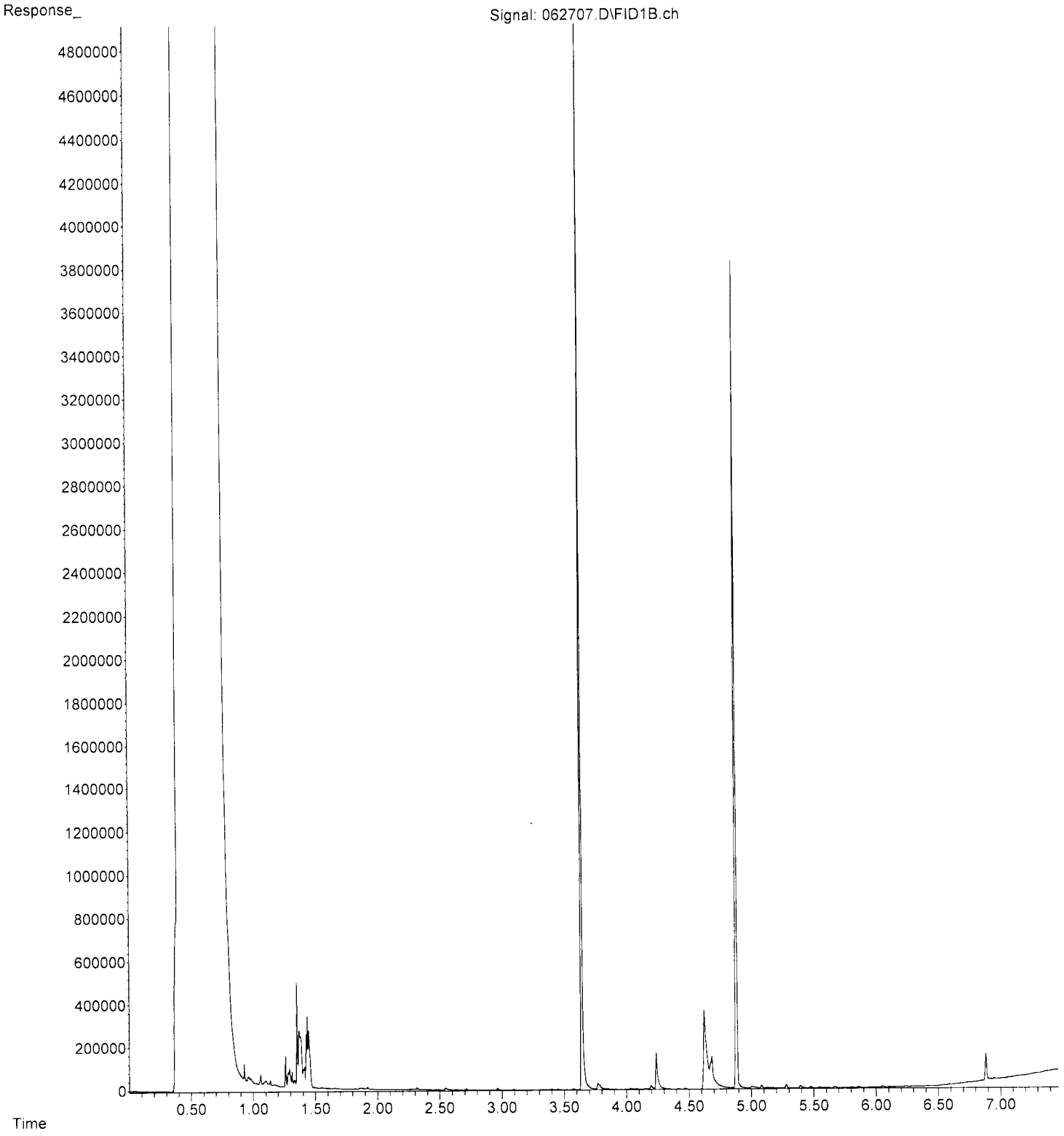
LGL 6/23/23

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Linnea Coleman	SES	6/23/23	1718
Received by:	BISRAT TADESSE	FBI	6/23/23	1718
Relinquished by:				
Received by:	Samples received at 4 °C			

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

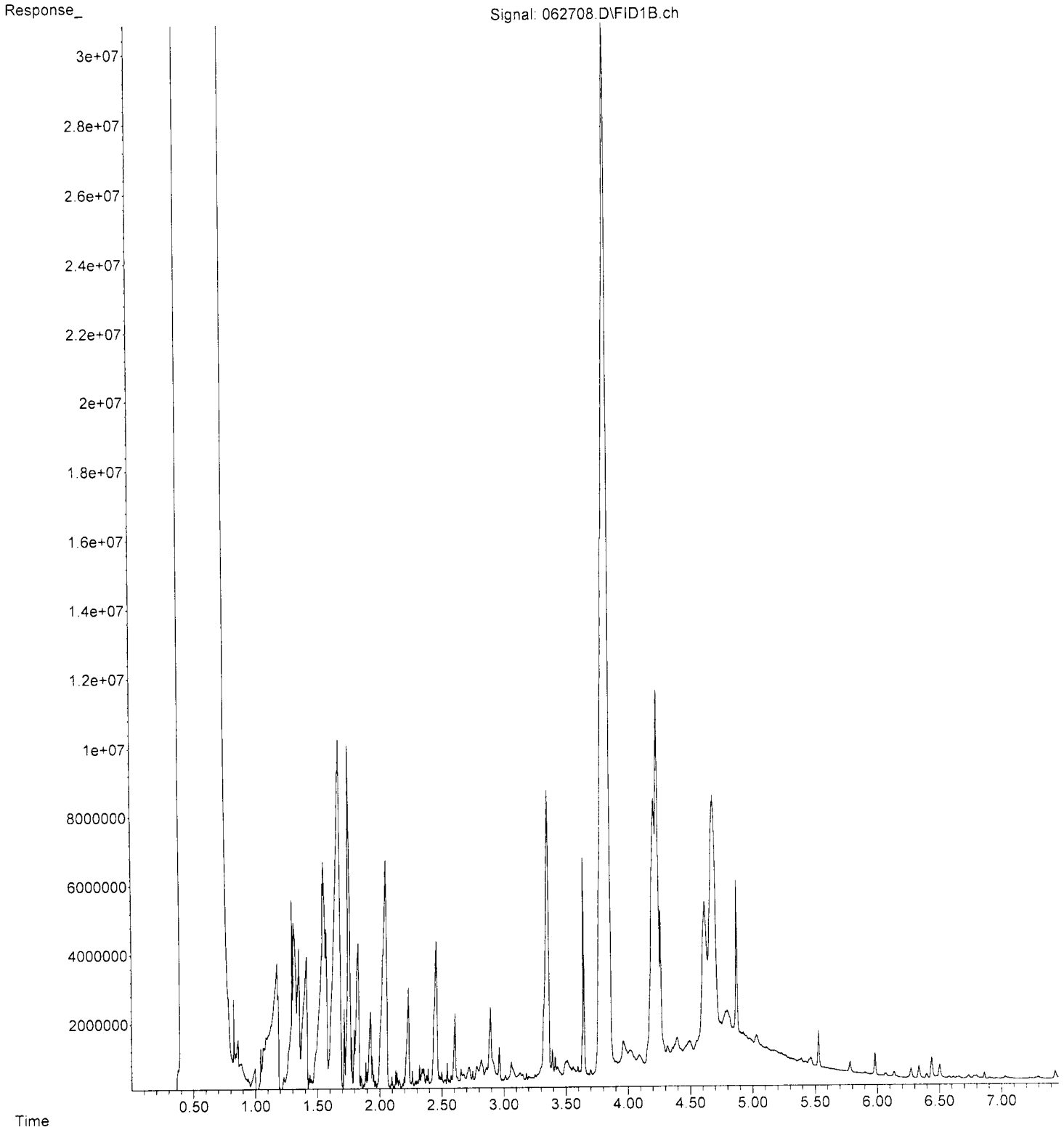
File :P:\Proc_GC14\06-27-23\062707.D
Operator : TL
Acquired : 27 Jun 2023 09:23 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 306390-04
Misc Info :
Vial Number: 7

ERR

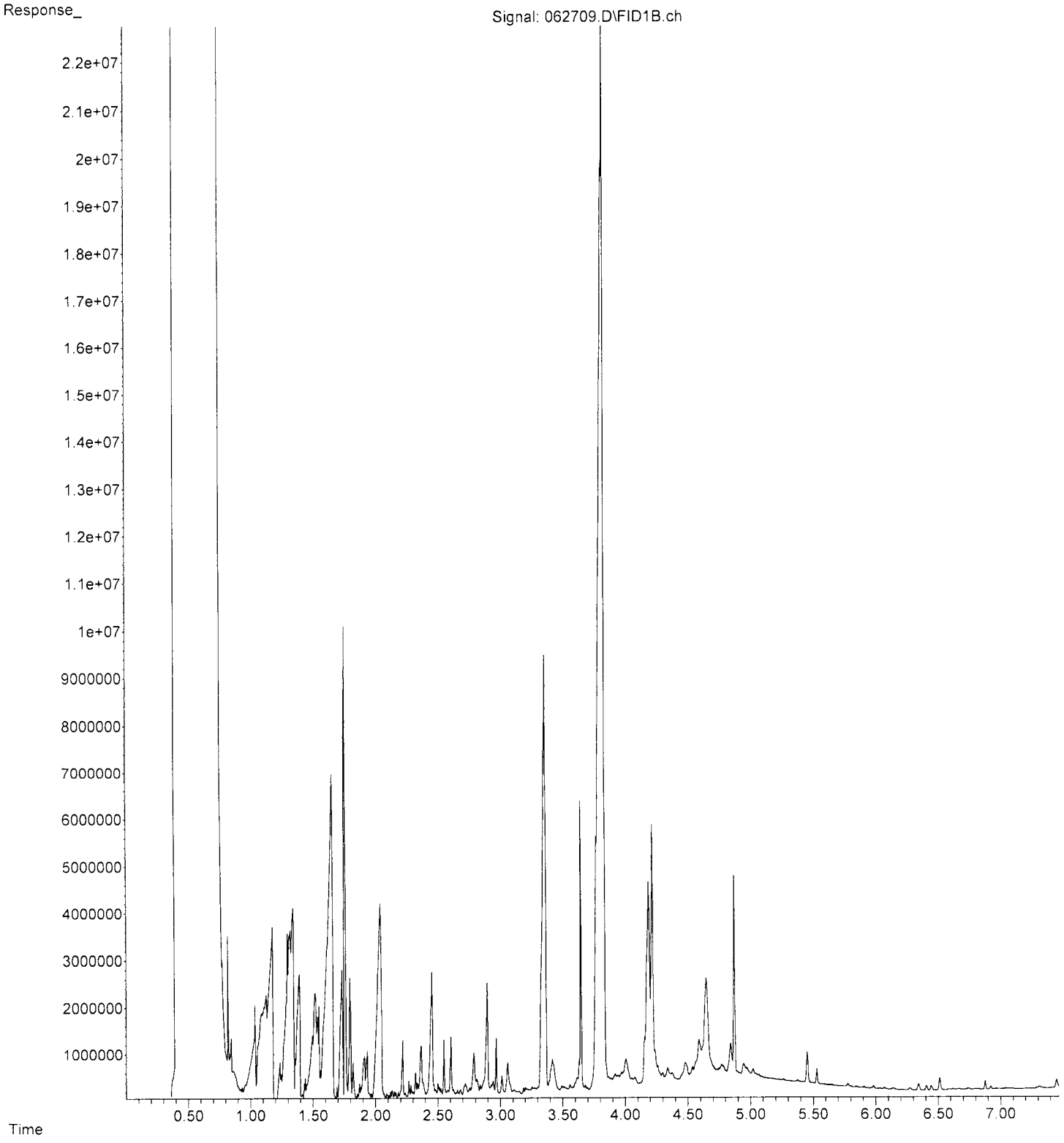


File :P:\Proc_GC14\06-27-23\062708.D
Operator : TL
Acquired : 27 Jun 2023 09:35 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 306390-10
Misc Info :
Vial Number: 8

ERR

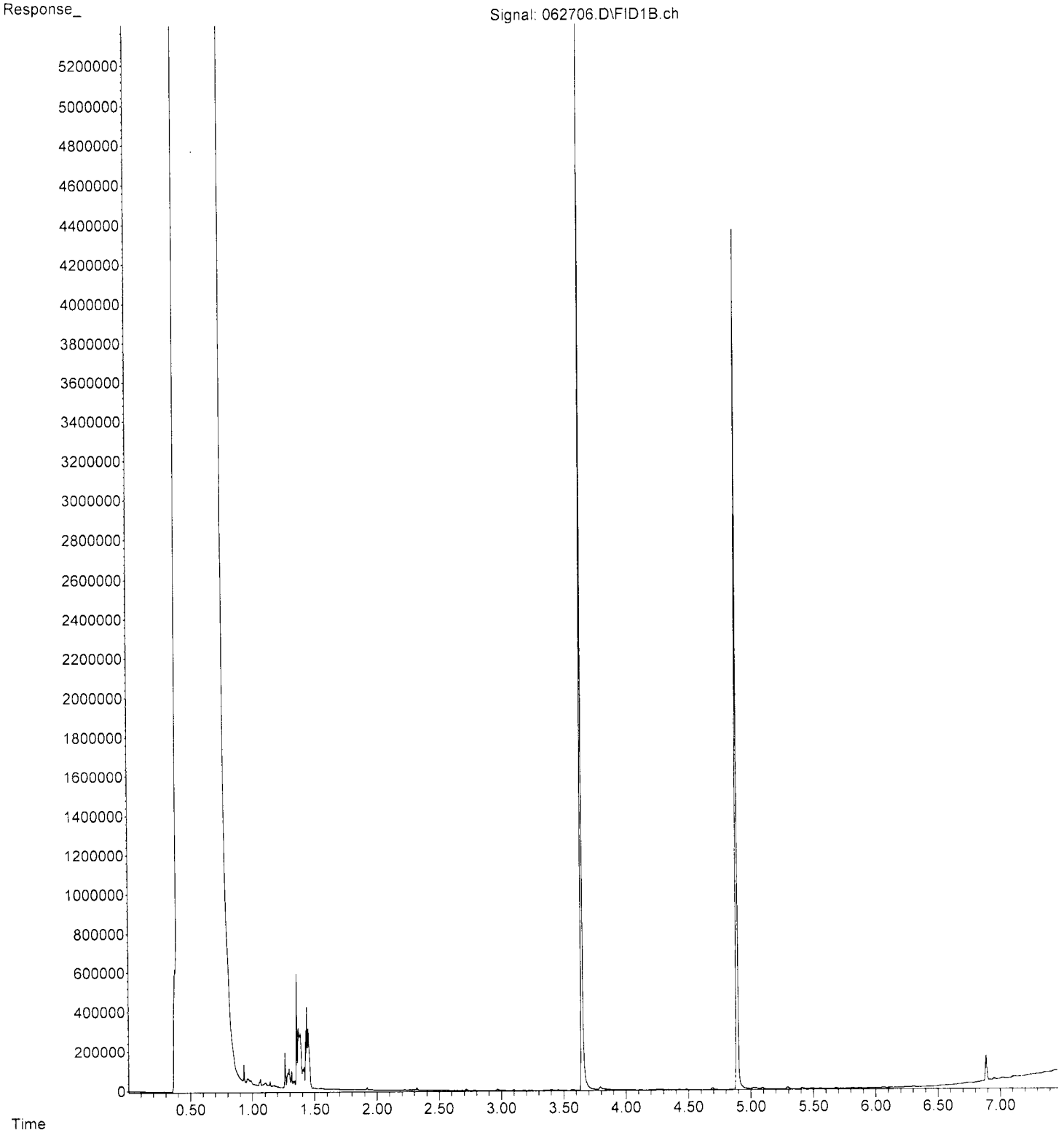


File : P:\Proc_GC14\06-27-23\062709.D
Operator : TL
Acquired : 27 Jun 2023 09:47 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 306390-12
Misc Info : ERR
Vial Number: 9

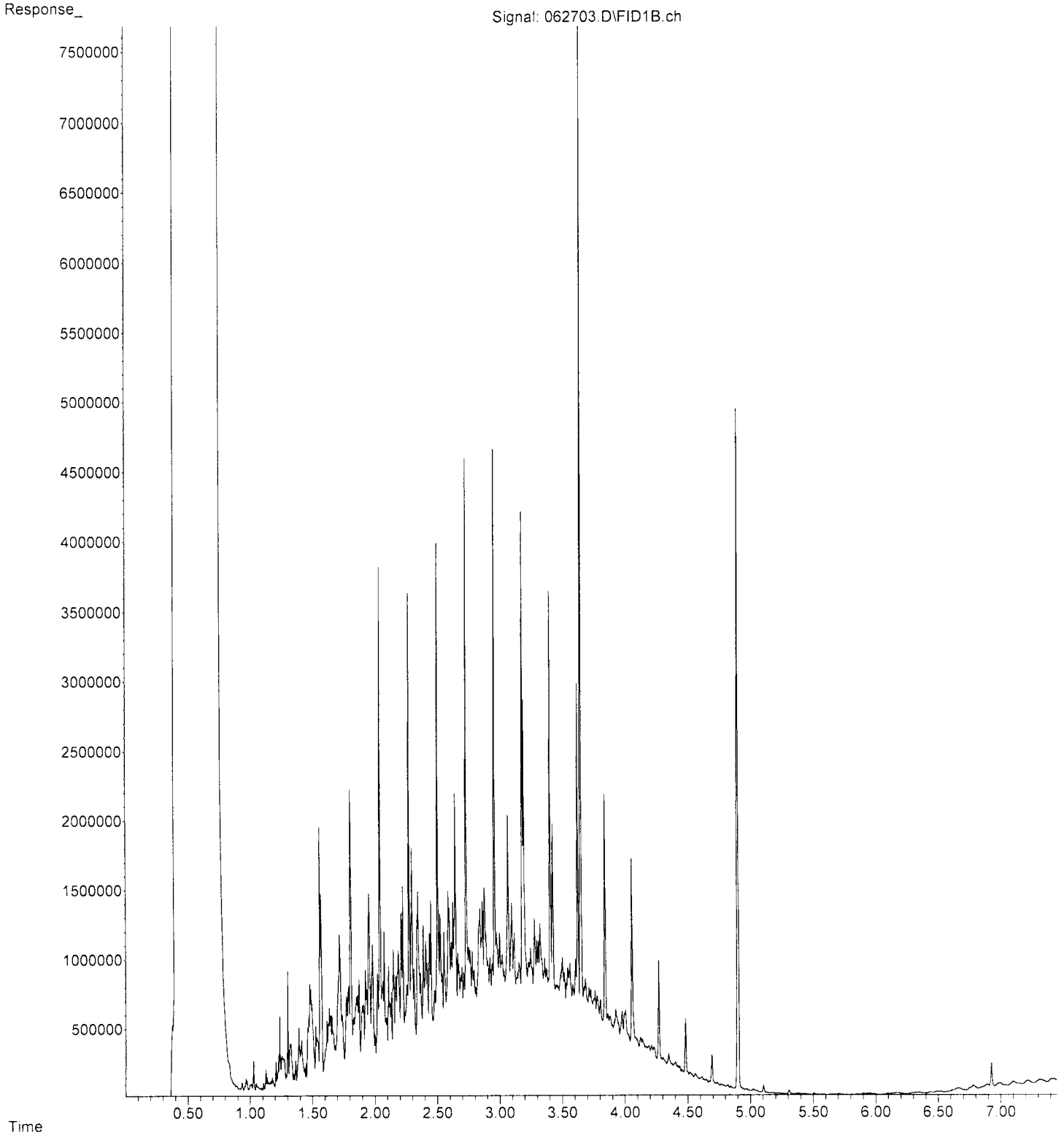


File :P:\Proc_GC14\06-27-23\062706.D
Operator : TL
Acquired : 27 Jun 2023 09:11 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 03-1510 mb2
Misc Info :
Vial Number: 6

ERR



File :P:\Proc_GC14\06-27-23\062703.D
Operator : TL
Acquired : 27 Jun 2023 08:32 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 500 Dx 68-66J
Misc Info : ERR
Vial Number: 3



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Friedman & Bruya
Michael Erdahl
5500 4th Ave S
Seattle, WA 98108

RE: 306390
Work Order Number: 2306436

July 03, 2023

Attention Michael Erdahl:

Fremont Analytical, Inc. received 12 sample(s) on 6/26/2023 for the analyses presented in the following report.

Dissolved Gases by RSK-175
Ferrous Iron by SM3500-Fe B
Ion Chromatography by EPA Method 300.0
Total Alkalinity by SM 2320B
Total Organic Carbon by SM 5310C

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: *07/03/2023*

CLIENT: Friedman & Bruya
Project: 306390
Work Order: 2306436

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2306436-001	MW04-20230622	06/22/2023 8:40 AM	06/26/2023 11:36 AM
2306436-002	MW26-20230622	06/22/2023 9:15 AM	06/26/2023 11:36 AM
2306436-003	MW07-20230622	06/22/2023 10:10 AM	06/26/2023 11:36 AM
2306436-004	IW04-20230622	06/22/2023 2:38 PM	06/26/2023 11:36 AM
2306436-005	MW18-20230622	06/22/2023 4:05 PM	06/26/2023 11:36 AM
2306436-006	MW19-20230622	06/22/2023 4:15 PM	06/26/2023 11:36 AM
2306436-007	MW25-20230623	06/23/2023 8:58 AM	06/26/2023 11:36 AM
2306436-008	MW21-20230623	06/22/2023 9:25 AM	06/26/2023 11:36 AM
2306436-009	IW50-20230623	06/23/2023 11:11 AM	06/26/2023 11:36 AM
2306436-010	MW22-20230623	06/23/2023 11:15 AM	06/26/2023 11:36 AM
2306436-011	MW24-20230623	06/23/2023 12:30 PM	06/26/2023 11:36 AM
2306436-012	IW61-20230623	06/23/2023 12:32 PM	06/26/2023 11:36 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2306436**
Date: **7/3/2023**

CLIENT: Friedman & Bruya
Project: 306390

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: **2306436**
Date Reported: **7/3/2023**

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-001 **Collection Date:** 6/22/2023 8:40:00 AM
Client Sample ID: **MW04-20230622** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85065		Analyst: AM
Methane	ND	0.00675		mg/L	1	6/30/2023 3:14:00 PM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:14:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:14:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40779		Analyst: AT
Nitrate (as N)	21.8	2.00	DH	mg/L	20	6/29/2023 1:18:00 AM
Sulfate	41.4	3.00	D	mg/L	5	6/27/2023 2:15:00 AM
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	0.919	0.700		mg/L	1	6/28/2023 11:45:00 PM
Total Alkalinity by SM 2320B				Batch ID: R84944		Analyst: ME
Alkalinity, Total (As CaCO3)	57.8	2.50		mg/L	1	6/28/2023 9:07:00 AM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	ND	0.150	H	mg/L	1	6/26/2023 3:30:00 PM

Analytical Report

Work Order: **2306436**
Date Reported: **7/3/2023**

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-002 **Collection Date:** 6/22/2023 9:15:00 AM
Client Sample ID: **MW26-20230622** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85065		Analyst: AM
Methane	ND	0.00675		mg/L	1	6/30/2023 3:22:00 PM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:22:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:22:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40779		Analyst: AT
Nitrate (as N)	0.133	0.100	H	mg/L	1	6/29/2023 1:41:00 AM
Sulfate	32.1	3.00	D	mg/L	5	6/27/2023 2:39:00 AM
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	1.08	0.700		mg/L	1	6/29/2023 12:03:00 AM
Total Alkalinity by SM 2320B				Batch ID: R84944		Analyst: ME
Alkalinity, Total (As CaCO3)	147	2.50		mg/L	1	6/28/2023 9:07:00 AM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	0.476	0.150	H	mg/L	1	6/26/2023 3:30:00 PM

Analytical Report

Work Order: **2306436**
Date Reported: **7/3/2023**

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-003 **Collection Date:** 6/22/2023 10:10:00 AM
Client Sample ID: **MW07-20230622** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85065		Analyst: AM
Methane	ND	0.00675		mg/L	1	6/30/2023 3:26:00 PM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:26:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:26:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40779		Analyst: AT
Nitrate (as N)	31.0	5.00	DH	mg/L	50	6/29/2023 2:04:00 AM
Sulfate	41.7	3.00	D	mg/L	5	6/27/2023 3:02:00 AM
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	0.895	0.700		mg/L	1	6/29/2023 12:24:00 AM
Total Alkalinity by SM 2320B				Batch ID: R84944		Analyst: ME
Alkalinity, Total (As CaCO3)	29.2	2.50		mg/L	1	6/28/2023 9:07:00 AM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	ND	0.150	H	mg/L	1	6/26/2023 3:30:00 PM

Analytical Report

Work Order: **2306436**
Date Reported: **7/3/2023**

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-004 **Collection Date:** 6/22/2023 2:38:00 PM
Client Sample ID: **IW04-20230622** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Ion Chromatography by EPA Method 300.0				Batch ID: 40772		Analyst: AT
Nitrate (as N)	ND	0.500	DH	mg/L	5	6/27/2023 4:12:00 AM
Sulfate	ND	3.00	D	mg/L	5	6/27/2023 4:12:00 AM
NOTES: Diluted due to matrix.						
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	24.3	0.700		mg/L	1	6/29/2023 1:51:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85008		Analyst: ME
Alkalinity, Total (As CaCO3)	285	2.50		mg/L	1	6/29/2023 10:21:47 AM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	19.4	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-005 **Collection Date:** 6/22/2023 4:05:00 PM
Client Sample ID: **MW18-20230622** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	2.93	0.135	D	mg/L	20	7/3/2023 11:06:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:31:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:31:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40772		Analyst: AT
Nitrate (as N)	ND	0.500	DH	mg/L	5	6/27/2023 4:35:00 AM
Sulfate	ND	3.00	D	mg/L	5	6/27/2023 4:35:00 AM
NOTES: Diluted due to matrix.						
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	5.69	0.700		mg/L	1	6/29/2023 3:33:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85008		Analyst: ME
Alkalinity, Total (As CaCO3)	419	2.50		mg/L	1	6/29/2023 10:21:47 AM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	18.4	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-006 **Collection Date:** 6/22/2023 4:15:00 PM
Client Sample ID: **MW19-20230622** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	2.37	0.135	D	mg/L	20	7/3/2023 11:09:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:36:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:36:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40772		Analyst: AT
Nitrate (as N)	ND	0.500	DH	mg/L	5	6/27/2023 4:58:00 AM
Sulfate	ND	3.00	D	mg/L	5	6/27/2023 4:58:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85008		Analyst: ME
Alkalinity, Total (As CaCO3)	396	2.50		mg/L	1	6/29/2023 10:21:47 AM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	20.7	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

NOTES:
Diluted due to matrix.

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-007 **Collection Date:** 6/23/2023 8:58:00 AM
Client Sample ID: **MW25-20230623** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	3.46	0.135	D	mg/L	20	7/3/2023 11:11:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:40:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:40:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40779		Analyst: AT
Nitrate (as N)	ND	0.100		mg/L	1	6/29/2023 2:28:00 AM
Sulfate	31.1	3.00	D	mg/L	5	6/27/2023 5:21:00 AM
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	1.56	0.700		mg/L	1	6/29/2023 4:04:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85047		Analyst: ME
Alkalinity, Total (As CaCO3)	218	2.50		mg/L	1	6/30/2023 4:11:47 PM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	4.43	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

Lab ID: 2306436-008 **Collection Date:** 6/22/2023 9:25:00 AM
Client Sample ID: **MW21-20230623** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	1.87	0.0675	D	mg/L	10	7/3/2023 11:13:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:44:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:44:00 PM
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	25.5	0.700		mg/L	1	6/29/2023 4:25:00 AM

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-009 **Collection Date:** 6/23/2023 11:11:00 AM
Client Sample ID: **IW50-20230623** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	5.01	0.169	D	mg/L	25	7/3/2023 11:26:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:48:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:48:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40772		Analyst: AT
Nitrate (as N)	ND	0.500	DH	mg/L	5	6/27/2023 5:45:00 AM
Sulfate	8.06	3.00	D	mg/L	5	6/27/2023 5:45:00 AM
NOTES: Diluted due to matrix.						
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	6.25	0.700		mg/L	1	6/29/2023 4:48:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85047		Analyst: ME
Alkalinity, Total (As CaCO3)	410	2.50		mg/L	1	6/30/2023 4:11:47 PM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	13.2	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-010 **Collection Date:** 6/23/2023 11:15:00 AM
Client Sample ID: **MW22-20230623** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	1.35	0.0338	D	mg/L	5	7/3/2023 11:19:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 3:56:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 3:56:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40772		Analyst: AT
Nitrate (as N)	ND	0.500	DH	mg/L	5	6/27/2023 6:08:00 AM
Sulfate	ND	3.00	D	mg/L	5	6/27/2023 6:08:00 AM
NOTES: Diluted due to matrix.						
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	82.7	0.700		mg/L	1	6/29/2023 5:11:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85047		Analyst: ME
Alkalinity, Total (As CaCO3)	317	2.50		mg/L	1	6/30/2023 4:11:47 PM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	13.9	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-011 **Collection Date:** 6/23/2023 12:30:00 PM
Client Sample ID: **MW24-20230623** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	4.02	0.135	D	mg/L	20	7/3/2023 11:21:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 4:00:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 4:00:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40772		Analyst: AT
Nitrate (as N)	ND	0.500	DH	mg/L	5	6/27/2023 6:31:00 AM
Sulfate	ND	3.00	D	mg/L	5	6/27/2023 6:31:00 AM
NOTES: Diluted due to matrix.						
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	4.60	0.700		mg/L	1	6/29/2023 5:35:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85047		Analyst: ME
Alkalinity, Total (As CaCO3)	431	2.50		mg/L	1	6/30/2023 4:11:47 PM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	12.3	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

CLIENT: Friedman & Bruya
Project: 306390

Lab ID: 2306436-012 **Collection Date:** 6/23/2023 12:32:00 PM
Client Sample ID: **IW61-20230623** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R85066		Analyst: AM
Methane	2.36	0.0675	D	mg/L	10	7/3/2023 11:24:00 AM
Ethene	ND	0.0146		mg/L	1	6/30/2023 4:04:00 PM
Ethane	ND	0.0151		mg/L	1	6/30/2023 4:04:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40772		Analyst: AT
Nitrate (as N)	ND	0.500	DH	mg/L	5	6/27/2023 6:54:00 AM
Sulfate	ND	3.00	D	mg/L	5	6/27/2023 6:54:00 AM
NOTES: Diluted due to matrix.						
Total Organic Carbon by SM 5310C				Batch ID: R85022		Analyst: AT
Total Organic Carbon	80.4	0.700		mg/L	1	6/29/2023 6:53:00 AM
Total Alkalinity by SM 2320B				Batch ID: R85047		Analyst: ME
Alkalinity, Total (As CaCO3)	487	2.50		mg/L	1	6/30/2023 4:11:47 PM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	21.4	3.75	DH	mg/L	25	6/26/2023 3:30:00 PM

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Total Alkalinity by SM 2320B

Sample ID: **MB-R84944**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **84944**
Client ID: **MBLKW**	Batch ID: **R84944**		Analysis Date: **6/28/2023**	SeqNo: **1773561**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	ND	2.50									

Sample ID: **LCS-R84944**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **84944**
Client ID: **LCSW**	Batch ID: **R84944**		Analysis Date: **6/28/2023**	SeqNo: **1773562**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	111	2.50	100.0	0	111	83.8	121				

Sample ID: **2306416-004CDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **84944**
Client ID: **BATCH**	Batch ID: **R84944**		Analysis Date: **6/28/2023**	SeqNo: **1773564**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	990	2.50						980.1	0.996	20	

Sample ID: **MB-R85008**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/29/2023**	RunNo: **85008**
Client ID: **MBLKW**	Batch ID: **R85008**		Analysis Date: **6/29/2023**	SeqNo: **1774379**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	ND	2.50									

Sample ID: **LCS-R85008**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/29/2023**	RunNo: **85008**
Client ID: **LCSW**	Batch ID: **R85008**		Analysis Date: **6/29/2023**	SeqNo: **1774380**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	113	2.50	100.0	0	113	83.8	121				

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Total Alkalinity by SM 2320B

Sample ID: **2306436-004ADUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/29/2023**	RunNo: **85008**
Client ID: **IW04-20230622**	Batch ID: **R85008**		Analysis Date: **6/29/2023**	SeqNo: **1774382**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	281	2.50						285.2	1.44	20	

Sample ID: **MB-R85047**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/30/2023**	RunNo: **85047**
Client ID: **MBLKW**	Batch ID: **R85047**		Analysis Date: **6/30/2023**	SeqNo: **1775330**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	ND	2.50									

Sample ID: **LCS-R85047**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/30/2023**	RunNo: **85047**
Client ID: **LCSW**	Batch ID: **R85047**		Analysis Date: **6/30/2023**	SeqNo: **1775331**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	115	2.50	100.0	0	115	83.8	121				

Sample ID: **2306436-007BDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/30/2023**	RunNo: **85047**
Client ID: **MW25-20230623**	Batch ID: **R85047**		Analysis Date: **6/30/2023**	SeqNo: **1775333**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	218	2.50						218.3	0.0988	20	

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: **MB-R84921**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **MBLKW**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772383**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	ND	0.150									

Sample ID: **LCS-R84921**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **LCSW**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772384**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.403	0.150	0.4000	0	101	85	115				

Sample ID: **2306435-001CDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **BATCH**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772496**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.321	0.150						0.3052	5.21	20	H

Sample ID: **2306435-001CMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **BATCH**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772497**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.729	0.150	0.4000	0.3052	106	70	130				H

Sample ID: **2306435-001CMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **BATCH**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772498**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.737	0.150	0.4000	0.3052	108	70	130	0.7293	1.11	30	H

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: **2306436-002CDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **MW26-20230622**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772740**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.408	0.150						0.4765	15.4	20	H

Sample ID: **2306436-002CMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **MW26-20230622**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772741**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.844	0.150	0.4000	0.4765	91.8	70	130				H

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Ion Chromatography by EPA Method 300.0

Sample ID: **LCS-40772**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84988**
Client ID: **LCSW**	Batch ID: **40772**		Analysis Date: **6/26/2023**	SeqNo: **1773864**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.704	0.100	0.7500	0	93.9	90	110				
Sulfate	3.42	0.600	3.750	0	91.2	90	110				

Sample ID: **MB-40772**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84988**
Client ID: **MBLKW**	Batch ID: **40772**		Analysis Date: **6/26/2023**	SeqNo: **1773866**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	ND	0.100									
Sulfate	ND	0.600									

Sample ID: **2306382-001ADUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84988**
Client ID: **BATCH**	Batch ID: **40772**		Analysis Date: **6/26/2023**	SeqNo: **1773876**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.158	0.100						0.1570	0.635	20	
Sulfate	1.05	0.600						1.058	1.14	20	

Sample ID: **2306382-001AMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84988**
Client ID: **BATCH**	Batch ID: **40772**		Analysis Date: **6/27/2023**	SeqNo: **1773877**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.819	0.100	0.7500	0.1570	88.3	80	120				
Sulfate	4.25	0.600	3.750	1.058	85.2	80	120				

Sample ID: **2306382-001AMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84988**
Client ID: **BATCH**	Batch ID: **40772**		Analysis Date: **6/27/2023**	SeqNo: **1773878**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.814	0.100	0.7500	0.1570	87.6	80	120	0.8190	0.612	20	
Sulfate	4.22	0.600	3.750	1.058	84.2	80	120	4.254	0.874	20	

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Ion Chromatography by EPA Method 300.0

Sample ID: **2306382-001AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **6/26/2023** RunNo: **84988**
Client ID: **BATCH** Batch ID: **40772** Analysis Date: **6/27/2023** SeqNo: **1773878**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2306435-001BDUP** SampType: **DUP** Units: **mg/L** Prep Date: **6/26/2023** RunNo: **84988**
Client ID: **BATCH** Batch ID: **40772** Analysis Date: **6/27/2023** SeqNo: **1773880**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	ND	0.500						0		20	D
Sulfate	5.20	3.00						5.215	0.288	20	D

Sample ID: **2306435-001BMS** SampType: **MS** Units: **mg/L** Prep Date: **6/26/2023** RunNo: **84988**
Client ID: **BATCH** Batch ID: **40772** Analysis Date: **6/27/2023** SeqNo: **1773881**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	3.65	0.500	3.750	0.4350	85.7	80	120				D
Sulfate	21.6	3.00	18.75	5.215	87.5	80	120				D

Sample ID: **LCS-40779** SampType: **LCS** Units: **mg/L** Prep Date: **6/28/2023** RunNo: **85037**
Client ID: **LCSW** Batch ID: **40779** Analysis Date: **6/28/2023** SeqNo: **1775084**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.708	0.100	0.7500	0	94.4	90	110				

Sample ID: **MB-40779** SampType: **MBLK** Units: **mg/L** Prep Date: **6/28/2023** RunNo: **85037**
Client ID: **MBLKW** Batch ID: **40779** Analysis Date: **6/28/2023** SeqNo: **1775086**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	ND	0.100									

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Ion Chromatography by EPA Method 300.0

Sample ID: **2306467-001BDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **BATCH**	Batch ID: **40779**		Analysis Date: **6/28/2023**	SeqNo: **1775088**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.543	0.100						0.5400	0.554	20	

Sample ID: **2306467-001BMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **BATCH**	Batch ID: **40779**		Analysis Date: **6/29/2023**	SeqNo: **1775089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	1.32	0.100	0.7500	0.5400	103	80	120				

Sample ID: **2306467-001BMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **BATCH**	Batch ID: **40779**		Analysis Date: **6/29/2023**	SeqNo: **1775090**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	1.30	0.100	0.7500	0.5400	101	80	120	1.316	1.15	20	

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Total Organic Carbon by SM 5310C

Sample ID: **MB-85022**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85022**
Client ID: **MBLKW**	Batch ID: **R85022**		Analysis Date: **6/28/2023**	SeqNo: **1774726**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	0.700									

Sample ID: **LCS-85022**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85022**
Client ID: **LCSW**	Batch ID: **R85022**		Analysis Date: **6/28/2023**	SeqNo: **1774727**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	5.35	0.700	5.000	0	107	88.1	112				

Sample ID: **2306436-004CDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/29/2023**	RunNo: **85022**
Client ID: **IW04-20230622**	Batch ID: **R85022**		Analysis Date: **6/29/2023**	SeqNo: **1774740**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	24.0	0.700						24.27	1.25	20	

Sample ID: **2306436-004CMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/29/2023**	RunNo: **85022**
Client ID: **IW04-20230622**	Batch ID: **R85022**		Analysis Date: **6/29/2023**	SeqNo: **1774741**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	28.2	0.700	5.000	24.27	78.1	75.2	115				

Sample ID: **2306436-004CMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **6/29/2023**	RunNo: **85022**
Client ID: **IW04-20230622**	Batch ID: **R85022**		Analysis Date: **6/29/2023**	SeqNo: **1774742**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	28.0	0.700	5.000	24.27	75.4	75.2	115	28.18	0.491	30	

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Total Organic Carbon by SM 5310C

Sample ID: **2306467-001ADUP** SampType: **DUP** Units: **mg/L** Prep Date: **6/29/2023** RunNo: **85022**
Client ID: **BATCH** Batch ID: **R85022** Analysis Date: **6/29/2023** SeqNo: **1774753**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	3.12	0.700						3.906	22.5	20	R

NOTES:
R - High RPD due to low analyte concentration. In this range, high RPD's may be expected.

Sample ID: **2306467-001AMS** SampType: **MS** Units: **mg/L** Prep Date: **6/29/2023** RunNo: **85022**
Client ID: **BATCH** Batch ID: **R85022** Analysis Date: **6/29/2023** SeqNo: **1774754**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	7.93	0.700	5.000	3.906	80.5	75.2	115				

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Dissolved Gases by RSK-175

Sample ID: **LCS-R85065**	SampType: **LCS**	Units: **ppmv**	Prep Date: **6/30/2023**	RunNo: **85065**
Client ID: **LCSW**	Batch ID: **R85065**		Analysis Date: **6/30/2023**	SeqNo: **1775739**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	1,030	0.00675	1,000	0	103	73.6	124				
Ethene	1,040	0.0146	1,000	0	104	76.3	122				
Ethane	1,030	0.0151	1,000	0	103	76.1	123				

Sample ID: **MB-R85065**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/30/2023**	RunNo: **85065**
Client ID: **MBLKW**	Batch ID: **R85065**		Analysis Date: **6/30/2023**	SeqNo: **1775703**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.00675									
Ethene	ND	0.0146									
Ethane	ND	0.0151									

Sample ID: **2306436-001AREP**	SampType: **REP**	Units: **mg/L**	Prep Date: **6/30/2023**	RunNo: **85065**
Client ID: **MW04-20230622**	Batch ID: **R85065**		Analysis Date: **6/30/2023**	SeqNo: **1775689**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.00675						0		30	
Ethene	ND	0.0146						0		30	
Ethane	ND	0.0151						0		30	

Sample ID: **LCS-R85066**	SampType: **LCS**	Units: **ppmv**	Prep Date: **7/3/2023**	RunNo: **85066**
Client ID: **LCSW**	Batch ID: **R85066**		Analysis Date: **7/3/2023**	SeqNo: **1775738**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	1,000	0.00675	1,000	0	100	73.6	124				

Work Order: 2306436
CLIENT: Friedman & Bruya
Project: 306390

QC SUMMARY REPORT

Dissolved Gases by RSK-175

Sample ID: **MB-R85066**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **7/3/2023**	RunNo: **85066**
Client ID: **MBLKW**	Batch ID: **R85066**		Analysis Date: **7/3/2023**	SeqNo: **1775723**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.00675									

Sample ID: **2306436-012A**	SampType: **REP**	Units: **mg/L**	Prep Date: **7/3/2023**	RunNo: **85066**
Client ID: **IW61-20230623**	Batch ID: **R85066**		Analysis Date: **7/3/2023**	SeqNo: **1775720**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	2.50	0.0675						2.360	5.59	30	D

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	FB	Work Order Number:	2306436
Logged by:	Morgan Wilson	Date Received:	6/26/2023 11:36:00 AM

Chain of Custody

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

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☑	NA ☐
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all holding times able to be met?	Yes ☐	No ☑	

Special Handling (if applicable)

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

Person Notified:	Michael Erdahl	Date:	6/26/2023
By Whom:	Morgan Wilson	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Samples out of hold		
Client Instructions:	Okay to proceed		

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	0.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

2306436

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.: 306390

PO #: D-357

REMARKS: EIM

TURNAROUND TIME
☒ Standard TAT
RUSH
Rush charges authorized by:

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

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED: RSK Methane, Ethane, Ethene	Sulfate	Nitrate	Alkalinity	ferrous iron	TOC					Notes
MW04-20230622		6/22/2023	840	water	6	x	x	x	x	x	x					
MW26-20230622		6/22/2023	915	water	6	x	x	x	x	x	x					
MW07-20230622		6/22/2023	1010	water	6	x	x	x	x	x	x					
IW04-20230622		6/22/2023	1438	water	3		x	x	x	x	x					
MW18-20230622		6/22/2023	1605	water	6	x	x	x	x	x	x					
MW19-20230622		6/22/2023	1615	water	5	x	x	x	x	x						
MW25-20230623		6/23/2023	858	water	6	x	x	x	x	x	x					
MW21-20230623		6/23/2023	925	water	4	x					x					
IW50-20230623		6/23/2023	1111	water	6	x	x	x	x	x	x					
MW22-20230623		6/23/2023	1115	water	6	x	x	x	x	x	x					
MW24-20230623		6/23/2023	1230	water	6	x	x	x	x	x	x					
IW61-20230623		6/23/2023	1232	water	6	x	x	x	x	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	6/26/23	0815
Received by:		Ali Miller	FAI	6/26/23	1536
Relinquished by:					
Received by:					

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

July 5, 2023

Levi Fernandes, Project Manager
SoundEarth Strategies
1011 SW Klickitat Way, Suite 104
Seattle, WA 98134

Dear Mr Fernandes:

Included are the results from the testing of material submitted on June 23, 2023 from the SOU_0731-004-08_ 20230623, F&BI 306391 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
c: Linnea Coleman, Tom Cammarata
SOU0705R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 23, 2023 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-08_ 20230623, F&BI 306391 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
306391 -01	MW31-20230621
306391 -02	MW01-20230621
306391 -03	MW28-20230621
306391 -04	MW34-20230621
306391 -05	MW27-20230621
306391 -06	MW32-20230621

Sample MW28-20230621 was sent to Fremont Analytical for ferrous iron, nitrate, sulfate, alkalinity and dissolved gases analyses. The report is enclosed.

All quality control requirements were acceptable.

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_ 0731-004-08_ 20230623, F&BI 306391
Date Extracted: 06/27/23
Date Analyzed: 06/27/23

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
MW28-20230621 306391-03	<100	135
Method Blank 03-1404 MB	<100	131

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_ 0731-004-08_ 20230623, F&BI 306391
Date Extracted: 06/27/23
Date Analyzed: 06/27/23

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
MW28-20230621 306391-03	67 x	<250	120
Method Blank 03-1510 MB2	<50	<250	115

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW28-20230621	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	306391-03 x10
Date Analyzed:	06/26/23	Data File:	306391-03 x10.140
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	2,600
Manganese	321

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/26/23	Lab ID:	I3-509 mb
Date Analyzed:	06/26/23	Data File:	I3-509 mb.114
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	<50
Manganese	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW31-20230621	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/30/23	Lab ID:	306391-01
Date Analyzed:	06/30/23	Data File:	063015.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	71	132
Toluene-d8	91	68	139
4-Bromofluorobenzene	98	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	4.1
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW01-20230621	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/30/23	Lab ID:	306391-02
Date Analyzed:	06/30/23	Data File:	063012.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	71	132
Toluene-d8	99	68	139
4-Bromofluorobenzene	100	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW28-20230621	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/30/23	Lab ID:	306391-03
Date Analyzed:	06/30/23	Data File:	063014.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	89	71	132
Toluene-d8	93	68	139
4-Bromofluorobenzene	101	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	5.6
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW34-20230621	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/30/23	Lab ID:	306391-04
Date Analyzed:	06/30/23	Data File:	063016.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	91	71	132
Toluene-d8	91	68	139
4-Bromofluorobenzene	101	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	4.8
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW27-20230621	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/30/23	Lab ID:	306391-05
Date Analyzed:	06/30/23	Data File:	063017.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	91	71	132
Toluene-d8	91	68	139
4-Bromofluorobenzene	100	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	5.3
Trichloroethene	15
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW32-20230621	Client:	SoundEarth Strategies
Date Received:	06/23/23	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/30/23	Lab ID:	306391-06
Date Analyzed:	06/30/23	Data File:	063013.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	71	132
Toluene-d8	99	68	139
4-Bromofluorobenzene	102	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-08_ 20230623
Date Extracted:	06/30/23	Lab ID:	03-1523 mb
Date Analyzed:	06/30/23	Data File:	063007.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	94	71	132
Toluene-d8	92	68	139
4-Bromofluorobenzene	101	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
trans-1,2-Dichloroethene	<1
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Tetrachloroethene	<1

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_ 0731-004-08_ 20230623, F&BI 306391

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 306391-03 (Duplicate)

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	99	70-130

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_ 0731-004-08_ 20230623, F&BI 306391

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	96	84	65-151	13

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_ 0731-004-08_ 20230623, F&BI 306391

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 306390-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Iron	ug/L (ppb)	100	123	106 b	104 b	70-130	2 b
Manganese	ug/L (ppb)	20	<1	98	98	70-130	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Iron	ug/L (ppb)	100	100	85-115
Manganese	ug/L (ppb)	20	94	85-115

Date of Report: 07/05/23
Date Received: 06/23/23
Project: SOU_ 0731-004-08_ 20230623, F&BI 306391

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 306391-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	10	<0.02	103	16-176
trans-1,2-Dichloroethene	ug/L (ppb)	10	<1	101	50-150
cis-1,2-Dichloroethene	ug/L (ppb)	10	<1	99	50-150
Trichloroethene	ug/L (ppb)	10	<0.5	102	43-133
Tetrachloroethene	ug/L (ppb)	10	<1	105	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	10	100	101	43-149	1
trans-1,2-Dichloroethene	ug/L (ppb)	10	96	100	70-130	4
cis-1,2-Dichloroethene	ug/L (ppb)	10	98	100	70-130	2
Trichloroethene	ug/L (ppb)	10	98	104	70-130	6
Tetrachloroethene	ug/L (ppb)	10	99	106	70-130	7

Data Qualifiers & Definitions

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

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

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

3063901 AWB

SAMPLE CHAIN OF CUSTODY

06/23/23 VW2 / L2 / I2

Page # 1 of 1

Send Report to: Levi Fernandes, Linnea Coleman, Tom Cammarata

Company: SoundEarth Strategies, Inc.

Address: 1011 SW Klickitat Way, Suite 212

City, State, ZIP Seattle, Washington 98134

Phone # 206-306-1900 Fax #

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-08
REMARKS *cVOCs = PCE, TCE, Cis/Trans-DCE, and VC	EIM Y

TURNAROUND TIME
Standard (2 Weeks)
RUSH
Rush charges authorized by:

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	DRPH/ORPH by NWTPH-Dx	cVOCs * by EPA 8260D	Methane, Ethane, Ethene by RSK-175	Sulfate, Nitrate, Alkalinity, by SM1845/SM2320B	Total Fe and Mn by EPA 200.8	Fe 2+ by SM 3500	TOC By EPA 415.1	Notes
MW31-20230621	MW31	—	01A-C	06/21/23	1030	GW	3			X						
MW01-20230621	MW01	—	02 V		1145		3			X						
MW28-20230621	MW28	—	03 A-K		1210		11	X	X	X	X	X	X	X		
MW34-20230621	MW34	—	04 A-C		1425		3			X						
MW27-20230621	MW27	—	05		1455		3			X						
MW32-20230621	MW32	—	06 V		1650		3			X						

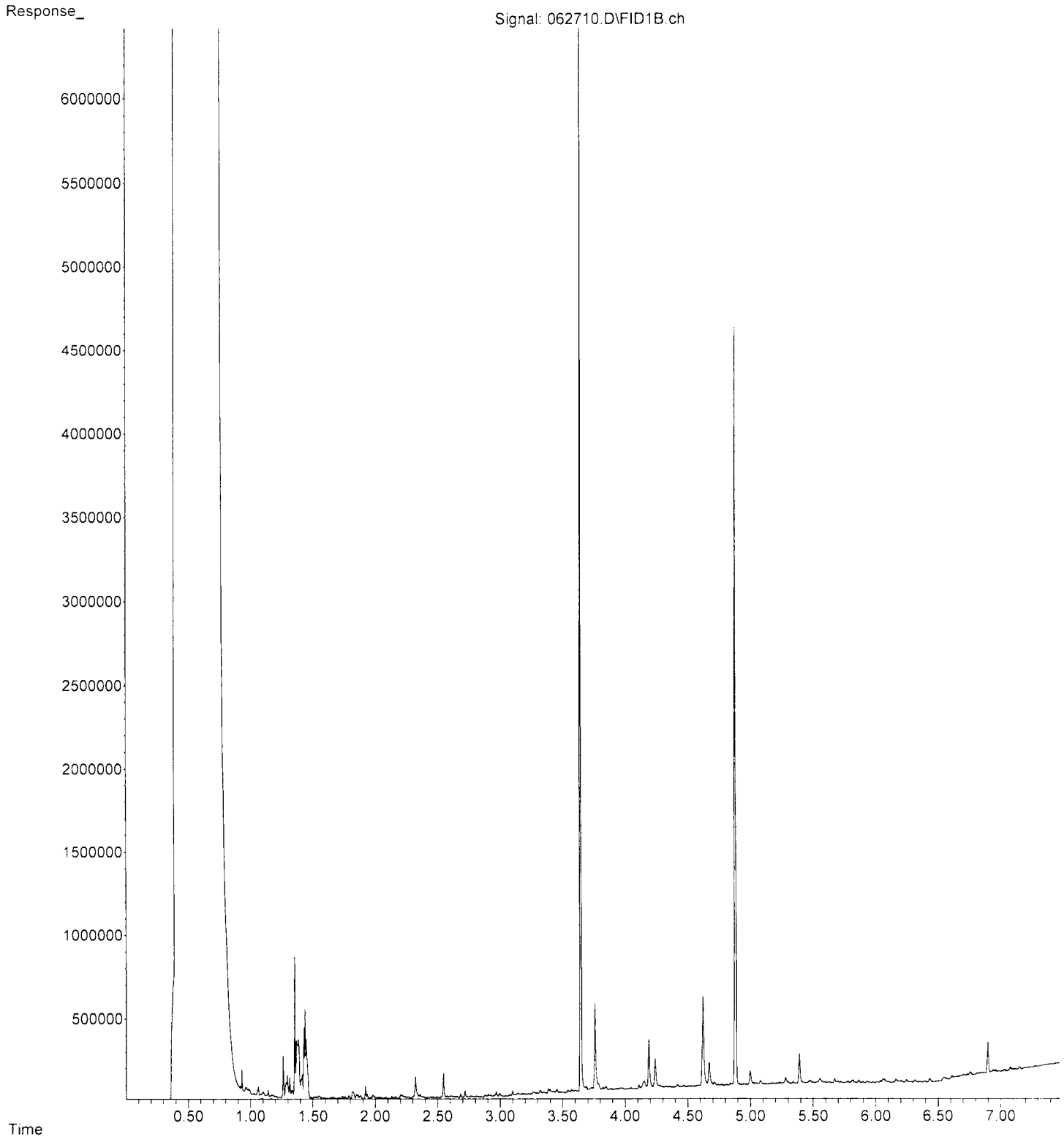
BDB 06/24/23

Samples received at 4 °C

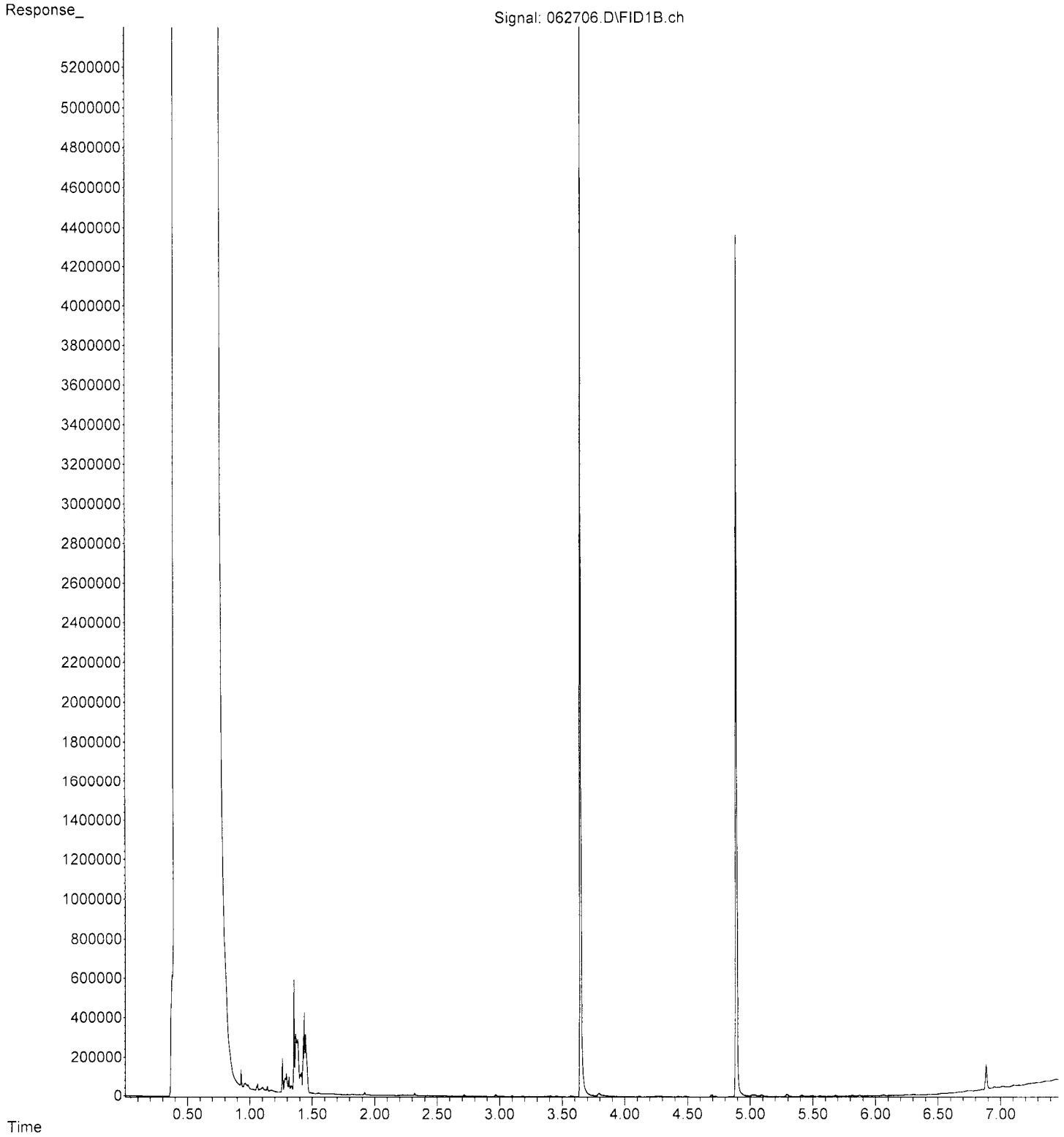
Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		LNC 6/23/23	SES	06/23/23	
Received by:					
Relinquished by:		Linnea Coleman	SES	6/23/23	1718
Received by:		BISRAT TADESSE	FBI	6/23/23	1718

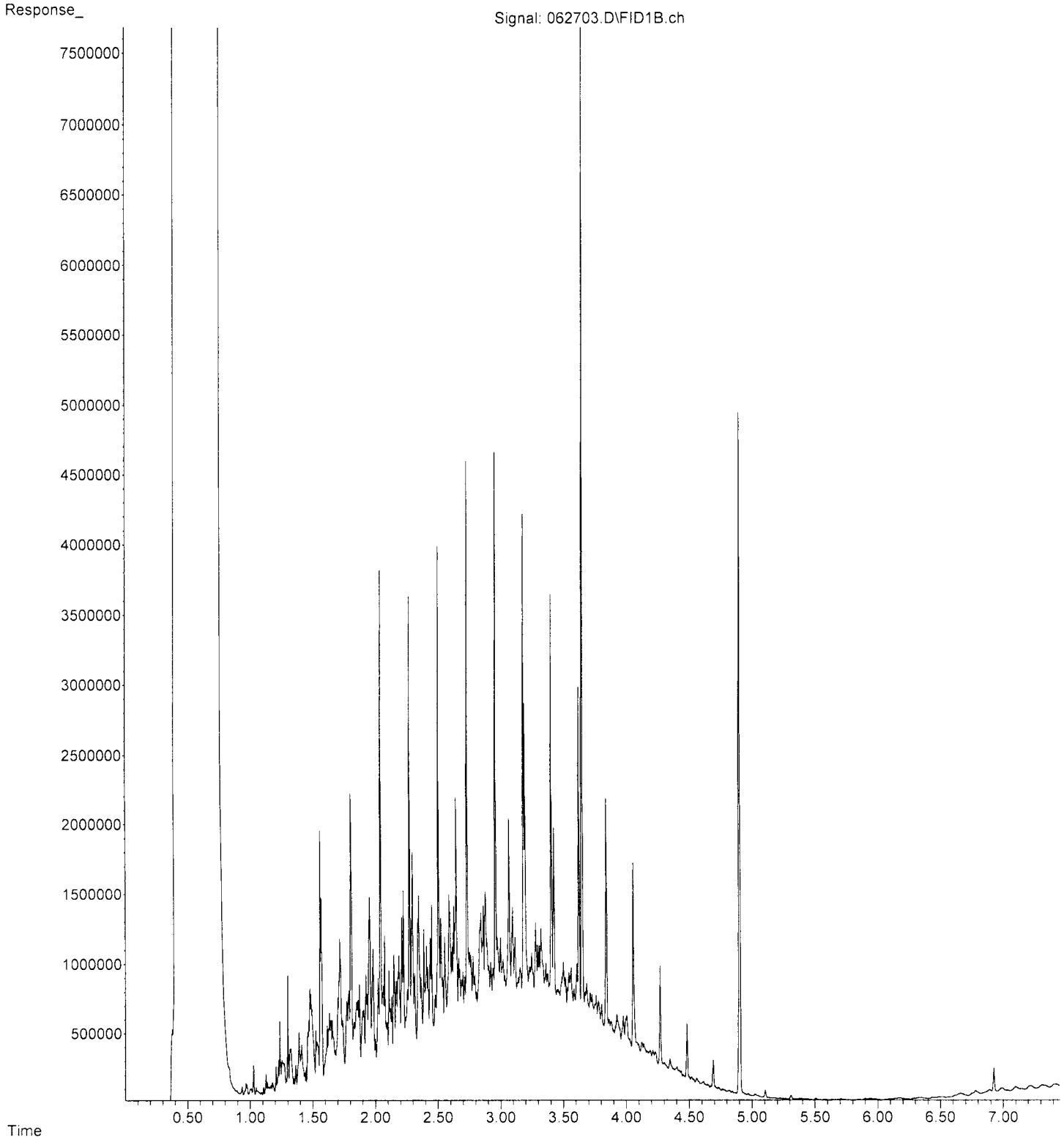
File :P:\Proc_GC14\06-27-23\062710.D
Operator : TL
Acquired : 27 Jun 2023 09:59 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 306391-03
Misc Info : ERR
Vial Number: 10



File :P:\Proc_GC14\06-27-23\062706.D
Operator : TL
Acquired : 27 Jun 2023 09:11 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 03-1510 mb2
Misc Info : ERR
Vial Number: 6



File :P:\Proc_GC14\06-27-23\062703.D
Operator : TL
Acquired : 27 Jun 2023 08:32 am using AcqMethod DX.M
Instrument : GC14
Sample Name: 500 Dx 68-66J
Misc Info : ERR
Vial Number: 3



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Friedman & Bruya
Michael Erdahl
5500 4th Ave S
Seattle, WA 98108

RE: 306391
Work Order Number: 2306435

June 30, 2023

Attention Michael Erdahl:

Fremont Analytical, Inc. received 1 sample(s) on 6/26/2023 for the analyses presented in the following report.

Dissolved Gases by RSK-175
Ferrous Iron by SM3500-Fe B
Ion Chromatography by EPA Method 300.0
Total Alkalinity by SM 2320B

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: *06/30/2023*

CLIENT: Friedman & Bruya
Project: 306391
Work Order: 2306435

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2306435-001	MW28-20230621	06/21/2023 12:10 PM	06/26/2023 11:36 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2306435**
Date: **6/30/2023**

CLIENT: Friedman & Bruya
Project: 306391

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: **2306435**
Date Reported: **6/30/2023**

CLIENT: Friedman & Bruya
Project: 306391

Lab ID: 2306435-001 **Collection Date:** 6/21/2023 12:10:00 PM
Client Sample ID: **MW28-20230621** **Matrix:** Water

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dissolved Gases by RSK-175				Batch ID: R84987		Analyst: NR
Methane	0.00782	0.00675		mg/L	1	6/27/2023 5:03:00 PM
Ethene	ND	0.0146		mg/L	1	6/27/2023 5:03:00 PM
Ethane	ND	0.0151		mg/L	1	6/27/2023 5:03:00 PM
Ion Chromatography by EPA Method 300.0				Batch ID: 40779		Analyst: AT
Nitrate (as N)	0.136	0.100	H	mg/L	1	6/29/2023 12:55:00 AM
Sulfate	3.31	0.600		mg/L	1	6/29/2023 12:55:00 AM
Total Alkalinity by SM 2320B				Batch ID: R84944		Analyst: ME
Alkalinity, Total (As CaCO3)	160	2.50		mg/L	1	6/28/2023 9:07:00 AM
Ferrous Iron by SM3500-Fe B				Batch ID: R84921		Analyst: NR
Ferrous Iron	0.305	0.150	H	mg/L	1	6/26/2023 3:30:00 PM

Work Order: 2306435
CLIENT: Friedman & Bruya
Project: 306391

QC SUMMARY REPORT

Total Alkalinity by SM 2320B

Sample ID: **MB-R84944**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **84944**
Client ID: **MBLKW**	Batch ID: **R84944**		Analysis Date: **6/28/2023**	SeqNo: **1773561**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	ND	2.50									

Sample ID: **LCS-R84944**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **84944**
Client ID: **LCSW**	Batch ID: **R84944**		Analysis Date: **6/28/2023**	SeqNo: **1773562**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	111	2.50	100.0	0	111	83.8	121				

Sample ID: **2306416-004CDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **84944**
Client ID: **BATCH**	Batch ID: **R84944**		Analysis Date: **6/28/2023**	SeqNo: **1773564**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	990	2.50						980.1	0.996	20	

Work Order: 2306435
CLIENT: Friedman & Bruya
Project: 306391

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: **MB-R84921**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **MBLKW**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772383**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	ND	0.150									

Sample ID: **LCS-R84921**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **LCSW**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772384**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.403	0.150	0.4000	0	101	85	115				

Sample ID: **2306435-001CDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **MW28-20230621**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772496**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.321	0.150						0.3052	5.21	20	H

Sample ID: **2306435-001CMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **MW28-20230621**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772497**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.729	0.150	0.4000	0.3052	106	70	130				H

Sample ID: **2306435-001CMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **MW28-20230621**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772498**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.737	0.150	0.4000	0.3052	108	70	130	0.7293	1.11	30	H

Work Order: 2306435
CLIENT: Friedman & Bruya
Project: 306391

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: **2306436-002CDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **BATCH**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772740**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.408	0.150						0.4765	15.4	20	H

Sample ID: **2306436-002CMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/26/2023**	RunNo: **84921**
Client ID: **BATCH**	Batch ID: **R84921**		Analysis Date: **6/26/2023**	SeqNo: **1772741**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ferrous Iron	0.844	0.150	0.4000	0.4765	91.8	70	130				H

Work Order: 2306435
CLIENT: Friedman & Bruya
Project: 306391

QC SUMMARY REPORT

Ion Chromatography by EPA Method 300.0

Sample ID: **LCS-40779**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **LCSW**	Batch ID: **40779**		Analysis Date: **6/28/2023**	SeqNo: **1775084**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.708	0.100	0.7500	0	94.4	90	110				
Sulfate	3.48	0.600	3.750	0	92.9	90	110				

Sample ID: **MB-40779**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **MBLKW**	Batch ID: **40779**		Analysis Date: **6/28/2023**	SeqNo: **1775086**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	ND	0.100									
Sulfate	ND	0.600									

Sample ID: **2306467-001BDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **BATCH**	Batch ID: **40779**		Analysis Date: **6/28/2023**	SeqNo: **1775088**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	0.543	0.100						0.5400	0.554	20	
Sulfate	0.919	0.600						0.9200	0.109	20	

Sample ID: **2306467-001BMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **BATCH**	Batch ID: **40779**		Analysis Date: **6/29/2023**	SeqNo: **1775089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	1.32	0.100	0.7500	0.5400	103	80	120				
Sulfate	4.37	0.600	3.750	0.9200	92.1	80	120				

Sample ID: **2306467-001BMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **6/28/2023**	RunNo: **85037**
Client ID: **BATCH**	Batch ID: **40779**		Analysis Date: **6/29/2023**	SeqNo: **1775090**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate (as N)	1.30	0.100	0.7500	0.5400	101	80	120	1.316	1.15	20	
Sulfate	4.37	0.600	3.750	0.9200	92.1	80	120	4.374	0	20	

Work Order: 2306435
CLIENT: Friedman & Bruya
Project: 306391

QC SUMMARY REPORT

Ion Chromatography by EPA Method 300.0

Sample ID: **2306467-001BMSD** SampType: **MSD** Units: **mg/L** Prep Date: **6/28/2023** RunNo: **85037**
Client ID: **BATCH** Batch ID: **40779** Analysis Date: **6/29/2023** SeqNo: **1775090**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Work Order: 2306435
CLIENT: Friedman & Bruya
Project: 306391

QC SUMMARY REPORT

Dissolved Gases by RSK-175

Sample ID: **LCS-R84987** SampType: **LCS** Units: **ppmv** Prep Date: **6/27/2023** RunNo: **84987**
Client ID: **LCSW** Batch ID: **R84987** Analysis Date: **6/27/2023** SeqNo: **1773840**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	969	0.00675	1,000	0	96.9	73.6	124				
Ethene	974	0.0146	1,000	0	97.4	76.3	122				
Ethane	962	0.0151	1,000	0	96.2	76.1	123				

Sample ID: **MB-R84987** SampType: **MBLK** Units: **mg/L** Prep Date: **6/27/2023** RunNo: **84987**
Client ID: **MBLKW** Batch ID: **R84987** Analysis Date: **6/27/2023** SeqNo: **1773830**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.00675									
Ethene	ND	0.0146									
Ethane	ND	0.0151									

Sample ID: **2306408-001AREP** SampType: **REP** Units: **mg/L** Prep Date: **6/27/2023** RunNo: **84987**
Client ID: **BATCH** Batch ID: **R84987** Analysis Date: **6/27/2023** SeqNo: **1773815**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	0.910	0.00675						0.8992	1.19	30	E
Ethene	ND	0.0146						0		30	
Ethane	ND	0.0151						0		30	

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	FB	Work Order Number:	2306435
Logged by:	Morgan Wilson	Date Received:	6/26/2023 11:36:00 AM

Chain of Custody

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

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☑	NA ☐
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all holding times able to be met?	Yes ☐	No ☑	

Special Handling (if applicable)

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

Person Notified:	Michael Erdahl	Date:	6/26/2023
By Whom:	Morgan Wilson	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Samples out of hold		
Client Instructions:	Okay to proceed		

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	0.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

2306435

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 #
306391	D-350

REMARKS
EIM

TURNAROUND TIME
☒ Standard TAT
RUSH
Rush charges authorized by:

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

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	RSK Methane, Ethane, Ethene	Sulfate	Nitrate	Alkalinity	ferrous iron	TOC					Notes
MW28-20230621		6/21/2023	1210	water	5	x	x	x	x	x						

ANALYSES REQUESTED

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	6/26/23	0815
Received by:		Alli Moller	FAI	6/26/23	1136
Relinquished by:					
Received by:					

130 Stone Rd. W
Guelph, ON N1G 3Z2
(519) 822-2265

Analytical Results

SiREM File Reference: S-9880

Client: Sound Earth Strategies
Client Project Number: 0731-004
Date Samples Received: June 27, 2023
Date Samples Analyzed: July 5, 2023

Client Sample ID	SiREM Reference ID	Client Sample Date	Sample Dilution Factor	Lactate	Acetate	Propionate	Formate	Butyrate	Pryuvate
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW18-20230622	23-14324	22-Jun-23	50x	1.6 J	<1.4	<0.10	1.3 J	<0.06	<0.15
MW21-20230623	23-14325	23-Jun-23	50x	<0.62	136	7.4	<1.3	8.7	0.93 J
MW22-20230623	23-14326	23-Jun-23	50x	<0.62	173	5.0	3.6	12	1.7 J
MW24-20230623	23-14327	23-Jun-23	50x	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15
MW25-20230623	23-14328	23-Jun-23	50x	1.7 J	<1.4	<0.10	<1.3	<0.06	<0.15
IW04-20230622	23-14329	22-Jun-23	50x	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15
IW50-20230623	23-14330	23-Jun-23	50x	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15
IW61-20230623	23-14331	23-Jun-23	50x	2.0	4.4	<0.10	1.9 J	<0.06	<0.15
QL	50			0.6	1.4	0.10	1.3	0.06	0.15
RL	50			2.0	2.0	2.0	2.0	2.0	2.0

Comments:
Method: Ion Chromatography with Electrical Conductivity Detection
mg/L = milligrams per liter
QL = Quantitation limit
RL = Reprting Limit
J = the associated value is an estimated result between the QL and the RL
< = compound analysed for but not detected, associated value is QL. Sample QL is corrected for dilution.

Analyst:

Brooke Rapien

Brooke Rapien, B.Sc.
Laboratory Technician II

Results approved:

Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

6-Jul-23

SiREM

Chain-of-Custody Form

sirem lab.com

180A Market Place Blvd.
Knoxville, TN 37922
(865) 330-0037

Lab # S-9880

Project Name	Troy Laundry Property	Project #	0731-004
Project Manager	Levi Fernandes		
Email	lfernandes@soundearthinc.com	Also send report to lcoleman@soundearthinc.com	
Company	SoundEarth Strategies		
Address	1011 Southwest Klickitat Way, Suite 212 Seattle, Washington 98134		
Phone #	206-306-1900		
Sampler's Signature	Linnea Coleman	Sampler's Printed Name	Linnea Coleman

Analysis

Preservative: 0 — Volatile Fatty Acids

Preservative Key
0. None
1. HCL
2. Other ______
3. Other ______
4. Other ______
5. Other ______
6. Other ______

Client Sample ID	Lab ID	Sampling Date	Sampling Time	Matrix	# of Containers	Volatile Fatty Acids	Other Information
MW18-20230622		6/22/23	1605	H_2O	2	X	2x40ml
MW21-20230623		6/23/23	0925	↓	↓	X	↓
MW22-20230623		↓	1115	↓	↓	X	↓
MW24-20230623		↓	1230	↓	↓	X	↓
MW25-20230623		↓	0858	↓	↓	X	↓
IW04-20230622		6/22/23	1438	↓	↓	X	↓
IW50-20230623		6/23/23	1111	↓	↓	X	↓
IW61-20230623		6/23/23	1232	↓	↓	X	↓
			LAC 6/23/23				

Sample Receipt
Cooler Condition: Good - Blue Ice
Cooler Temperature: KX00058 3.5 Corrected to 5.6 C
Custody Seals: Yes ☐ In box No ☑

Invoice Information
P.O. # 0731-004
Bill To: SoundEarth Strategies

For Lab Use Only
Not associated with any Bottle order. ST

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature: Linnea Coleman	Signature: Susan Thomas	Signature	Signature	Signature	Signature
Printed Name: Linnea Coleman	Printed Name: Susan Thomas	Printed Name	Printed Name	Printed Name	Printed Name
Firm: SoundEarth	Firm: SiREM	Firm	Firm	Firm	Firm
Date/Time: 6/26/23	Date/Time: 6-27-2023 1050	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator: Yellow - Lab Copy: Pink - Retained by Client

SiREM

Chain-of-Custody Form

siremlab.com

COPY

180A Market Place Blvd.
Knoxville, TN 37922
(865) 330-0037

Lab #: S-9880

Project Name	Troy Laundry Property
Project #	0731-004
Project Manager	Levi Fernandes
Email	lfernandes@soundearthinc.com Also send report to lcoleman@soundearthinc.com
Company	SoundEarth Strategies
Address	1011 Southwest Klickitat Way, Suite 212 Seattle, Washington 98134
Phone #	206-306-1900
Sampler's Signature	[signature]
Sampler's Printed Name	Linnea Coleman

Analysis — Preservative: 0 — Volatile Fatty Acids

Preservative Key
0. None
1. HCL
2. Other ______
3. Other ______
4. Other ______
5. Other ______
6. Other ______

Client Sample ID	Lab ID	Sampling Date	Sampling Time	Matrix	# of Containers	Volatile Fatty Acids	Other Information
MW18-20230622		6/22/23	1605	H_2O	~~2~~ 1	X	2x40 ml
MW21-20230623		6/23/23	0925	↓	↓	X	↓
MW22-20230623		↓	1115	↓	↓	X	↓
MW24-20230623		↓	1230	↓	↓	X	↓
MW25-20230623		↓	0858	↓	↓	X	↓
IW04-20230622		6/22/23	1438	↓	↓	X	↓
IW50-20230623		6/23/23	1111	↓	↓	X	↓
IW61-20230623		6/23/23	1232	↓	↓	X	↓

LGC 6/23/23

Sample Receipt
Cooler Condition: Good - Blue Ice
Cooler Temperature: KK00858 3.5 Corrected to 5.6 C
Custody Seals: Yes ☐ (In box) No ☑

Invoice Information
P.O. #: 0731-004
Bill To: SoundEarth Strategies

For Lab Use Only
Not associated with any Bottle order. ST

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	[signature]	[signature]	[signature]	[signature]		
Printed Name	Linnea Coleman	Susan Thomas	Kathand aachor	Jemalca Cuntapay		
Firm	SoundEarth	SiREM	SiREM	SiREM		
Date/Time	6/26/23	6-27-2023 1050	6-28-23 1600	30Jun23 @ 1550 Cooler @ 5.8°C		

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

In the absence of an executed agreement, submission of samples to SiREM implies c... or performance of analyses specified on this Chain-of-Custody form and agreement with the terms and conditions of the SiREM Laboratory Services Agreement. The ... submitting samples shall be responsible for payment in full for said analyses.