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M E M O R A N D U M

TO:	Sunny Becker, Washington State Department of Ecology, Northwest Regional Office	**DATE**: July 25, 2022
FROM:	Thomas Cammarata, LG, LHG, SoundEarth Strategies, Inc.	
SUBJECT:	**Second Quarter 2022 Progress Report** **Plastic Sales and Services Site** **6870 Woodlawn Avenue Northeast, Seattle, Washington** **Project No.: 0651-002**	

SoundEarth Strategies, Inc. (SoundEarth) has prepared this Progress Report to summarize activities completed during the second quarter of 2022 at the Plastic Sales and Services Site (the Site), Cleanup Site ID: 2074, which encompasses the property located at 6870 Woodlawn Avenue Northeast in Seattle, Washington (the Property). The Site is defined by the extent of contamination caused by the releases of hazardous substances at the former dry cleaning facility located on the Property and includes:

- The Dry Cleaner Building property
- The property adjoining the Dry Cleaner Building to the north, located at 6869 Woodlawn Avenue Northeast (north-adjoining property)
- The property adjoining the Dry Cleaner Building to the south, located at 6565 4th Avenue Northeast (south-adjoining property)
- The property adjoining the Dry Cleaner Building to the west, located at 6850 Woodlawn Avenue Northeast (Wards Cove)
- Portions of the western alley (the alley) and Woodlawn Avenue Northeast and 4th Avenue Northeast rights-of-way (Woodlawn Avenue and 4th Avenue Northeast ROWs, respectively)

The work summarized below was conducted under Agreed Order No. DE 7084 between the Washington State Department of Ecology (Ecology) and The Lutheran Retirement Home of Greater Seattle (i.e., Hearthstone).

SITE ACTIVITIES: SECOND QUARTER 2022

The following sections summarize activities completed at the Site during the second quarter of 2022.

Street Use Permit for Well Installation

SoundEarth obtained a street use permit from the Seattle Department of Transportation. The permit was required to install three pairs of groundwater monitoring wells in the 4th Avenue Northeast ROW.

Groundwater Monitoring and Sampling

Groundwater monitoring and sampling at the Site occurred between April 22 and 27, 2022. Groundwater levels at each well in the monitoring well network were measured. Groundwater elevations are presented in Table 1. Tables 2 through 5 summarize the analytical results for chlorinated volatile organic compounds (CVOCs), natural attenuation parameters, geochemical parameters, and volatile fatty acids. Groundwater samples were collected from the following monitoring wells:

- Shallow water-bearing zone: monitoring wells MW01 through MW03, MW05, MW06, MW15, MW21, MW24 through MW28, MW30, IW08, IW16, IW21, IW31, IW33, and IW59
- Deep water-bearing zone: monitoring wells MW08 through MW10, MW22, MW29, MW31, IW07, IW15, IW22, IW32, IW34, and IW60

All groundwater samples were analyzed for the following analytes:

- CVOC) by US Environmental Protection Agency (EPA) Method 8260B/C
- Geochemical parameters using a YSI inline flow cell

The samples collected from the following groundwater monitoring wells were also analyzed for natural attenuation parameters and volatile fatty acids:

- Shallow water-bearing zone: monitoring wells MW05, MW06, MW15, MW21, and MW28
- Deep water-bearing zone: monitoring wells MW09, MW10, and MW31

The groundwater samples from these monitoring wells were also analyzed for the following analytes:

- Nitrate by EPA Method 353.3
- Total organic carbon by Standard Method 531B
- Chloride by Standard Method 4500-CI E
- Total iron by EPA Method 6010D
- Ferrous iron by EPA Method SM 3500-Fe B
- Sulfate by Method ASTM D516-11
- Ethene, ethane, and methane by Method RSK 175

Ferric iron was calculated and equals total iron minus ferrous iron. Fatty acids were analyzed by ion chromatography with electrical conductivity detection.

DATA AND DESCRIPTIONS OF SAMPLES COLLECTED

Presented below are the groundwater monitoring and sampling results from the second quarter of 2022.

Groundwater Monitoring and Sampling Results

Based on groundwater elevations measured at monitoring wells screened in the shallow and deep water-bearing zones, groundwater in the shallow water-bearing zone flows in a radial pattern toward the Property. The radial pattern results from the permanent sub-slab drainage system installed within the footprint of the Property development. The groundwater flow direction and gradient in the shallow water-bearing zone are similar to what has been observed in previous groundwater monitoring events.

Groundwater in the deep water-bearing zone flows to the northeast. The groundwater flow direction and gradient in the deep water-bearing zone are similar to what has been observed in previous groundwater monitoring events. Groundwater elevation contour maps for the shallow and deep-water bearing zone are shown on Figures 1 and 2.

Temporal Analysis of Groundwater Analytical Results

SoundEarth performed temporal and/or statistical analysis of CVOC concentrations for selected monitoring wells where one or more CVOCs were detected at concentrations exceeding MTCA cleanup levels for the Site in groundwater samples collected. Temporal analysis was performed on analytical results for CVOC concentrations that exceeded MTCA cleanup as of 2021 or 2022. Cleanup levels are presented in Table 2. The current footprint of shallow and deep water-bearing zone plumes are shown on Figures 1 and 2. The temporal analyses were performed using Ecology's *Guidance on Remediation of Petroleum-Contaminated Groundwater by Natural Attenuation* dated July 2005 (Module 2). The trend analyses are presented in Attachment A. The results from the temporal analyses are as follows.

Shallow Water-Bearing Zone

- IW16: The concentrations of cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) are shrinking with time.
- IW21: A temporal tend in the concentrations of cis-1,2-DCE cannot be determined at this time. The concentration of VC is decreasing with time.
- IW31: The concentrations of PCE are decreasing with time. All other CVOCs were not reported at concentrations above MTCA cleanup levels.
- IW59: The concentrations of cis-1,2-DCE and VC are increasing with time. All other CVOCs were not reported at concentrations above MTCA cleanup levels.
- MW03: The concentration of VC is decreasing with time. All other CVOC concentrations do not exceed MTCA cleanup levels.
- MW05: The concentration of cis-1,2-DCE is shrinking with time and VC concentrations are currently stable. All other CVOC concentrations do not exceed MTCA cleanup levels.
- MW06: The concentrations of PCE, TCE, and cis-1,2-DCE are decreasing with time while concentrations of VC are currently stable.
- MW24: The concentration of VC is currently stable. All other CVOCs were not reported at concentrations above MTCA cleanup levels.
- MW28: A temporal trend in the concentrations of PCE and TCE is currently undeterminable. Concentrations of cis-1,2-DCE and VC are currently stable.

For the shallow water-bearing zone, concentrations of CVOCs are declining over time and/or stable with the exception of cis-1,2-DCE and VC concentrations in monitoring well IW59, which are increasing. Monitoring well IW59 is located in the source area. Currently, the shallow water-bearing zone CVOC plume is confined to the source area and Woodlawn Avenue Row as evidenced by a decrease in the distribution of CVOCs (shown on Figure 1).

Deep Water-Bearing Zone

- IW07: The concentrations of VC are increasing with time. All other CVOC concentrations do not exceed MTCA cleanup levels.
- IW15: The concentrations of cis-1,2 DCE and VC are increasing with time. All other CVOC concentrations do not exceed MTCA cleanup levels.
- IW22: The concentrations of cis-1,2 DCE and VC are increasing with time. All other CVOC concentrations do not exceed MTCA cleanup levels.
- IW-32: The concentration of trichloroethene (TCE) is decreasing with time, the concentrations of cis-1,2 DCE are currently stable, and the concentration of VC is increasing with time. A temporal analysis was not performed for tetrachloroethene (PCE) because a majority of PCE results are reported below the laboratory reporting limit. The laboratory reporting limit for PCE exceeds the MTCA cleanup level because high concentrations of other CVOCs in groundwater elevated the detection limit for PCE.
- IW-34: The concentrations of PCE and TCE are decreasing with time and concentrations of cis-1,2 DCE, trans 1,2-dichlorothene, and VC are currently increasing with time.
- MW09: The concentrations of PCE and TCE are increasing with time. The trend in the concentrations of cis-1,2-DCE cannot be determined at this time because the data has high variability. All other CVOCs have not been reported at concentrations above MTCA cleanup levels.
- MW10: The concentrations of PCE, TCE, cis-1,2-DCE, and VC are increasing with time.
- MW29: The concentration of PCE is currently stable with time. All other CVOC concentrations do not exceed MTCA cleanup levels.
- MW31: The concentrations of PCE and TCE are decreasing with time and the concentrations of cis-1,2-DCE and VC are increasing with time.

In general, temporal analysis indicates that concentrations of cis-1,2-DCE and VC plumes are increasing in groundwater in the deep water-bearing zone with time near and downgradient of the source area. This condition was anticipated because enhanced reductive dichlorination was used to treat deep water-bearing zone at the Site and has created anaerobic conditions in groundwater that are conducive to the degradation of PCE and TCE to cis-1,2-DCE and VC.

Concentrations of PCE and TCE in the deep water-bearing zone are increasing proximate in the northern side of the Woodlawn Avenue ROW but shrinking in the 4th Avenue Northeast ROW. The shrinking PCE and TCE plumes in the 4th Avenue Northeast ROW, in conjunction with the absence and/or low concentrations of CVOCs in the groundwater samples collected from temporary groundwater monitoring wells DZ-B05 to DZ-B09, suggest that PCE and TCE plumes are not migrating beyond temporary groundwater monitoring wells DZ-B01 and DZ-B02. The current footprint of the CVOC plume in the deep-water bearing zone is shown on Figure 2.

PLANNED ACTIVITIES: SECOND QUARTER 2022

The following section summarizes activities planned at the Site for the third and fourth quarters of 2022.

Third Quarter 2022

Install three monitoring well pairs in the 4th Avenue Northeast ROW.

Fourth Quarter 2022

The fourth quarter 2022 semiannual groundwater monitoring event is scheduled for October 2022.

Data Tabulation, Review, and Reporting

Boring and monitoring well logs from the installation of monitoring wells in the 4th Avenue Northeast ROW in the third quarter of 2022 will provide to Ecology along with a map showing the locations of the monitoring wells. The new monitoring wells will be sampled during the fourth quarter of 2022.

Once data from the fourth quarter 2022 groundwater monitoring event has been received and reviewed, updated groundwater data tables and figures will be prepared. Results of the fourth quarter 2022 groundwater monitoring event will be communicated to Ecology and presented in the Fourth Quarter 2022 Progress Report.

Attachments: Figure 1, Q2 2022 Groundwater Contour Map for Shallow Water-Bearing Zone Monitoring Wells
Figure 2, Q2 2022 Groundwater Contour Map for Deep Water-Bearing Zone Monitoring Wells
Table 1, Summary of Groundwater Elevation Data
Table 2, Groundwater Analytical Results for CVOCs
Table 3, Natural Attenuation Parameters
Table 4, Geochemical and Water Quality Parameter
Table 5, Groundwater Analytical Results for Volatile Fatty Acids
Attachment A, Temporal Analysis of Groundwater Analytical Results

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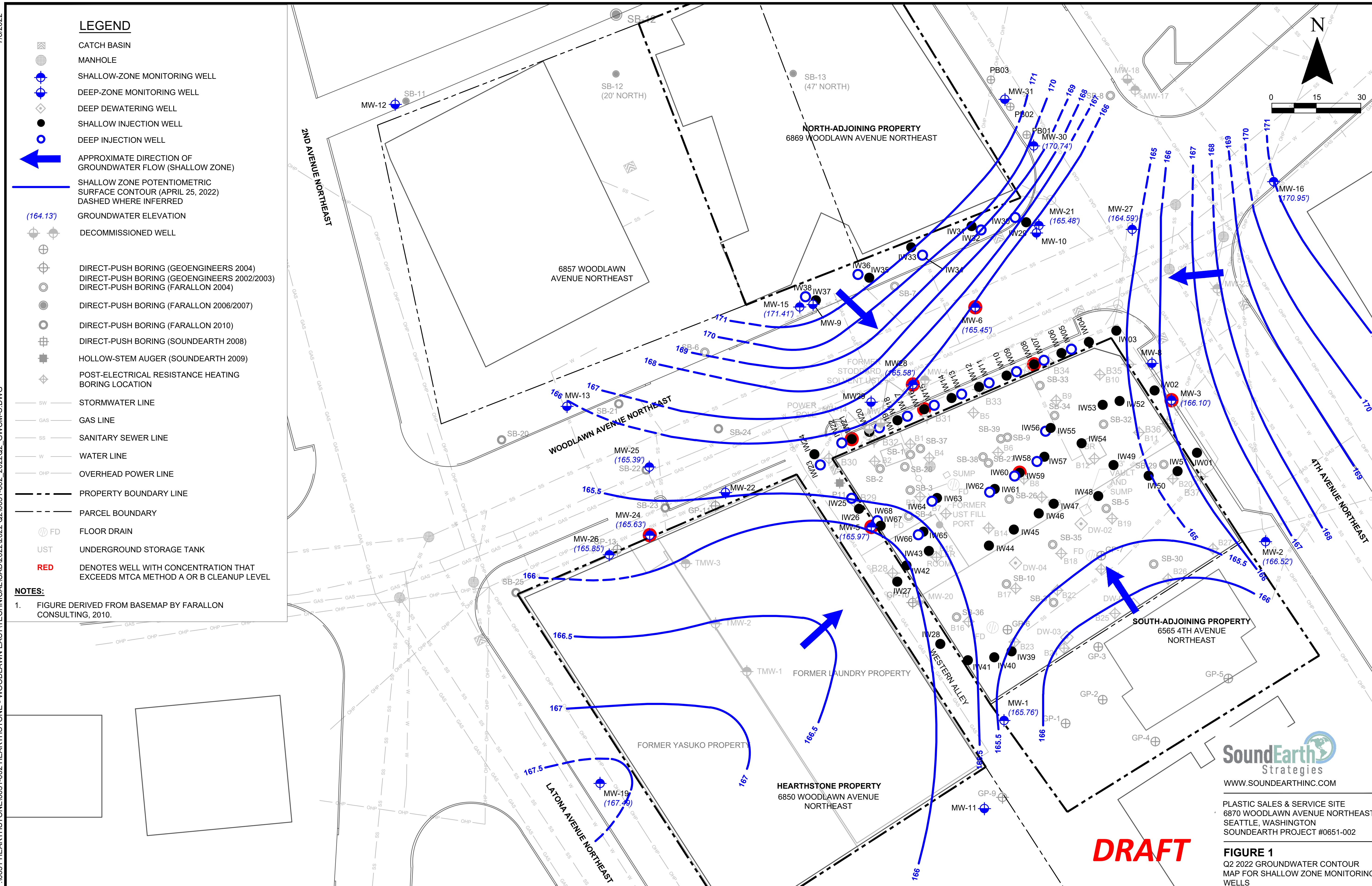
FIGURES


LEGEND
CATCH BASIN
MANHOLE
SHALLOW-ZONE MONITORING WELL
DEEP-ZONE MONITORING WELL
DEEP DEWATERING WELL
SHALLOW INJECTION WELL
DEEP INJECTION WELL
APPROXIMATE DIRECTION OF GROUNDWATER FLOW (SHALLOW ZONE)
SHALLOW ZONE POTENTIOMETRIC SURFACE CONTOUR (APRIL 25, 2022) DASHED WHERE INFERRED
(164.13') GROUNDWATER ELEVATION
DECOMMISSIONED WELL
DIRECT-PUSH BORING (GEOENGINEERS 2004)
DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
DIRECT-PUSH BORING (FARALLON 2004)
DIRECT-PUSH BORING (FARALLON 2006/2007)
DIRECT-PUSH BORING (FARALLON 2010)
DIRECT-PUSH BORING (SOUNDEARTH 2008)
HOLLOW-STEM AUGER (SOUNDEARTH 2009)
POST-ELECTRICAL RESISTANCE HEATING BORING LOCATION
STORMWATER LINE
GAS LINE
SANITARY SEWER LINE
WATER LINE
OVERHEAD POWER LINE
PROPERTY BOUNDARY LINE
PARCEL BOUNDARY
FD FLOOR DRAIN
UST UNDERGROUND STORAGE TANK
RED DENOTES WELL WITH CONCENTRATION THAT EXCEEDS MTCA METHOD A OR B CLEANUP LEVEL
NOTES:
1. FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.
N
0 15 30
2ND AVENUE NORTHEAST
WOODLAWN AVENUE NORTHEAST
4TH AVENUE NORTHEAST
LATONA AVENUE NORTHEAST
WESTERN ALLEY
6857 WOODLAWN AVENUE NORTHEAST
NORTH-ADJOINING PROPERTY 6869 WOODLAWN AVENUE NORTHEAST
SOUTH-ADJOINING PROPERTY 6565 4TH AVENUE NORTHEAST
HEARTHSTONE PROPERTY 6850 WOODLAWN AVENUE NORTHEAST
FORMER LAUNDRY PROPERTY
FORMER YASUKO PROPERTY
MW-12
MW-31
MW-30 (170.74')
MW-21 (165.48')
MW-10
MW-27 (164.59')
MW-16 (170.95')
MW-15 (171.41')
MW-9
MW-6 (165.45')
MW-8
MW-3 (166.10')
MW-13
MW-25 (165.39')
MW-22
MW-24 (165.63')
MW-26 (165.85')
MW-5 (165.97')
MW-2 (166.52')
MW-1 (165.76')
MW-19 (167.49)
MW-11
DRAFT

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PLASTIC SALES & SERVICE SITE
6870 WOODLAWN AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #0651-002

FIGURE 1
Q2 2022 GROUNDWATER CONTOUR MAP FOR SHALLOW ZONE MONITORING WELLS

P:\0651 HEARTHSTONE\0651-002 HEARTHSTONE - WOODLAWN EAST\TECHNICAL\CAD\2022\2022 Q2\0651-002_2022Q2_GWCM-S.DWG
7/8/2022

7/8/2022

P:\0651 HEARTHSTONE\0651-002 HEARTHSTONE - WOODLAWN EAST\TECHNICAL\CAD\2022\2022 Q2\0651-002_2022Q2_GWCM-D.DWG

LEGEND

- CATCH BASIN
- MANHOLE
- SHALLOW-ZONE MONITORING WELL
- DEEP-ZONE MONITORING WELL
- DEEP DEWATERING WELL
- DEEP WATER-BEARING ZONE BORINGS (2022)
- SHALLOW INJECTION WELL
- DEEP INJECTION WELL
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW (DEEP ZONE)
- DEEP ZONE POTENTIOMETRIC SURFACE CONTOUR (APRIL 25, 2022)
- (167.41') GROUNDWATER ELEVATION
- DECOMMISSIONED WELL
- DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
- DIRECT-PUSH BORING (GEOENGINEERS 2004)
- DIRECT-PUSH BORING (FARALLON 2004)
- DIRECT-PUSH BORING (FARALLON 2006/2007)
- DIRECT-PUSH BORING (FARALLON 2010)
- DIRECT-PUSH BORING (SOUNDEARTH 2008)
- HOLLOW-STEM AUGER (SOUNDEARTH 2009)
- POST-ELECTRICAL RESISTANCE HEATING BORING LOCATION
- SW STORMWATER LINE
- GAS GAS LINE
- SS SANITARY SEWER LINE
- W WATER LINE
- OHP OVERHEAD POWER LINE
- PROPERTY BOUNDARY LINE
- PARCEL BOUNDARY
- FD FLOOR DRAIN
- UST UNDERGROUND STORAGE TANK
- RED DENOTES CONCENTRATION EXCEEDS MTCA METHOD A OR B CLEANUP LEVEL

NOTES:

1. FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.

N

0 15 30

2ND AVENUE NORTHEAST

WOODLAWN AVENUE NORTHEAST

47TH AVENUE NORTHEAST

LATONA AVENUE NORTHEAST

WESTERN ALLEY

6857 WOODLAWN AVENUE NORTHEAST

NORTH-ADJOINING PROPERTY
6869 WOODLAWN AVENUE NORTHEAST

SOUTH-ADJOINING PROPERTY
6565 4TH AVENUE NORTHEAST

HEARTHSTONE PROPERTY
6850 WOODLAWN AVENUE NORTHEAST

FORMER YASUKO PROPERTY

FORMER LAUNDRY PROPERTY

FORMER STODDARD SOLVENT UST

FORMER UST FILL PORT

FORMER POWER POLE

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PLASTIC SALES & SERVICE SITE
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SEATTLE, WASHINGTON
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FIGURE 2
Q2 2022 GROUNDWATER CONTOUR MAP FOR DEEP ZONE MONITORING WELLS

TABLES

Table 1
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl)[1]	Total Well Depth (feet below TOC)[2]	Date Measured	Depth to Groundwater (feet below TOC)[2]	Groundwater Elevation (feet msl)[1]
Shallow Water Bearing Zone Wells						
MW01	4 to 19	178.24	18.42	08/05/04	7.91	170.33
			18.42	11/18/04	7.00	171.24
			--	01/07/05	5.91	172.33
			--	05/31/06	6.36	171.88
			--	06/22/06	8.22	170.02
			18.15	01/08/07	3.93	174.31
			18.15	04/20/07	5.38	172.86
			18.48	11/19/08	6.78	171.46
			18.37	05/03/10	6.33	171.91
			--	05/07/10	6.52	171.72
			--	09/09/14	11.19	167.05
			17.95	05/09/18	10.05	168.19
			18.37	10/24/18	15.82	162.42
			--	01/27/20	12.22	166.02
			--	04/20/20	12.59	165.65
			--	07/20/20	12.56	165.68
			--	10/19/20	12.49	165.75
			--	01/27/21	12.36	165.88
			--	04/20/21	12.46	165.78
			--	07/26/21	12.61	165.63
			--	10/11/21	12.60	165.64
			18.28	04/25/22	12.48	165.76
MW02	5 to 20	176.22	19.48	08/05/04	6.39	169.83
			19.50	11/18/04	6.41	169.81
			--	01/07/05	5.88	170.34
			--	05/31/06	5.75	170.47
			--	06/22/06	7.01	169.21
			--	01/08/07	4.56	171.66
			--	04/20/07	4.90	171.32
			19.31	11/19/08	6.86	169.36
			19.45	05/03/10	6.50	169.72
			--	05/07/10	6.48	169.74
			--	09/09/14	9.01	167.21
			19.22	05/09/18	7.62	168.60
			--	01/27/20	9.59	166.63
			19.45	10/25/18	14.42	161.80
			--	01/27/20	9.59	166.63
			--	04/20/20	10.13	166.09
			--	07/20/20	9.64	166.58
			--	10/19/20	9.88	166.34
			--	01/27/21	9.68	166.54
			--	04/20/21	9.89	166.33
			--	07/26/21	10.25	165.97
			--	10/11/21	9.96	166.26
			19.42	04/25/22	9.70	166.52
MW03	5 to 20	175.87	19.55	08/05/04	6.56	169.31
			19.56	11/18/04	6.64	169.23
			--	01/07/05	5.86	170.01
			--	05/31/06	2.79	173.08
			--	06/22/06	3.69	172.18
			19.54	01/08/07	2.18	173.69
			19.54	04/20/07	1.96	173.91
			19.6	11/19/08	2.65	173.22
			19.45	05/03/10	2.54	173.33
			--	05/07/10	2.59	173.28
			--	09/09/14	5.92	169.95
			19.22	05/09/18	3.44	172.43
			19.45	10/24/18	14.23	161.64
			--	01/27/20	8.34	167.53
			--	04/20/20	9.20	166.67
			--	07/20/20	9.48	166.39
			--	10/19/20	9.74	166.13
			--	01/27/21	9.52	166.35
			19.45	04/20/21	9.80	166.07
			--	07/26/21	10.31	165.56
			--	10/11/21	10.04	165.83
			19.08	04/25/22	9.77	166.10
MW04	4 to 18	176.15	18.08	08/05/04	7.66	168.49
			18.08	11/18/04	7.35	168.80
			--	01/07/05	6.82	169.33
			--	05/31/06	7.88	168.27
			--	06/22/06	8.19	167.96
			17.95	01/08/07	5.80	170.35
			17.95	04/20/07	6.49	169.66
			17.61	11/19/08	8.45	167.70
			17.54	05/03/10	8.02	168.13
			--	05/04/10	8.09	168.06
			--	05/07/10	7.98	168.17
			--	09/09/14	10.26	165.89
	Monitoring Well Decommissioned					

Table 1
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl)[1]	Total Well Depth (feet below TOC)[2]	Date Measured	Depth to Groundwater (feet below TOC)[2]	Groundwater Elevation (feet msl)[1]
Shallow Water Bearing Zone Wells						
MW05	2.5 to 17.5	177.37	17.45	08/05/04	8.71	168.66
			17.45	11/18/04	7.86	169.51
			--	01/07/05	7.15	170.22
			--	05/31/06	7.50	169.87
			--	06/22/06	9.12	168.25
			17.44	01/08/07	2.90	174.47
			17.44	04/20/07	6.63	170.74
			17.47	11/19/08	8.30	169.07
			17.45	05/03/10	7.54	169.83
			--	05/04/10	7.87	169.50
			--	05/07/10	8.01	169.36
			--	09/09/14	10.97	166.40
			15.64	05/09/18	10.02	167.35
			15.62	01/27/20	11.25	166.12
			--	04/20/20	11.49	165.88
			--	07/20/20	11.48	165.89
			14.15	10/19/20	11.34	166.03
			--	01/27/21	10.82	166.55
			14.03	04/21/21	11.35	166.02
			--	07/26/21	11.35	166.02
			--	10/11/21	11.61	165.76
			16.20	04/25/22	11.40	165.97
MW06	15 to 20	176.26	--	11/18/04	--	--
			--	01/07/05	--	--
			--	05/31/06	--	--
			--	06/22/06	--	--
			--	01/08/07	8.84	167.42
			--	04/20/07	--	--
			19.93	05/03/10	10.4	165.86
			--	05/07/10	10.52	165.74
			--	09/09/14	11.53	164.73
			19.80	05/09/18	11.68	164.58
			19.96	01/28/20	10.12	166.14
			19.97	04/20/20	11.03	165.23
			--	07/21/20	11.02	165.24
			--	10/20/20	11.03	165.23
			--	01/28/21	10.77	165.49
			20.00	04/20/21	10.93	165.33
			--	07/27/21	11.26	165.00
			--	10/11/21	11.07	165.19
			19.95	04/26/22	10.81	165.45
MW15	5 to 20	176.62	18.12	05/31/06	6.76	169.86
			--	06/22/06	7.36	169.26
			18.15	01/08/07	5.63	170.99
			18.15	04/20/07	6.68	169.94
			18.2	11/19/08	9.21	167.41
			18.18	05/03/10	4.23	172.39
			--	05/07/10	4.22	172.40
			--	09/09/14	11.02	165.60
			17.95	05/09/18	10.21	166.41
			--	10/25/18	12.53	164.09
			--	01/27/20	3.69	172.93
			--	04/20/20	6.11	170.51
			--	07/20/20	10.33	166.29
			--	10/19/20	5.99	170.63
			--	01/27/21	4.08	172.54
			--	04/20/21	8.95	167.67
			--	07/26/21	10.83	165.79
			--	10/11/21	4.13	172.49
			18	04/25/22	5.21	171.41
MW16	5 to 20	175.60	19.45	05/31/06	4.56	171.04
			--	06/22/06	6.21	169.39
			--	01/08/07	3.91	171.69
			--	04/20/07	4.29	171.31
			19.6	11/19/08	5.03	170.57
			19.60	05/03/10	5.30	170.30
			--	05/07/10	5.44	170.16
			--	09/09/14	9.34	166.26
			19.43	05/09/18	5.35	170.25
			18.18	10/22/18	11.36	164.24
			--	01/27/20	3.81	171.79
			--	04/20/20	5.50	170.10
			--	07/20/20	9.13	166.47
			--	10/19/20	4.54	171.06
			--	01/27/21	4.53	171.07
			--	07/26/21	9.97	165.63
			--	10/11/21	6.48	169.12
			19.61	04/25/22	4.65	170.95
MW17	5 to 20	175.79	19.19	05/31/06	4.29	171.50
			--	06/22/06	5.82	169.97
			--	01/08/07	3.67	172.12
			--	04/20/07	4.03	171.76
	Monitoring Well Decommissioned					

Table 1
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl)[1]	Total Well Depth (feet below TOC)[2]	Date Measured	Depth to Groundwater (feet below TOC)[2]	Groundwater Elevation (feet msl)[1]
Shallow Water Bearing Zone Wells						
MW19	10 to 20	180.68	19.8	11/20/08	9.68	171.00
			19.72	05/03/10	9.17	171.51
			--	05/04/10	9.54	171.14
			--	05/07/10	9.40	171.28
			--	09/09/14	14.57	166.11
			19.62	05/09/18	13.10	167.58
			19.72	10/24/18	14.54	166.14
			--	01/27/20	12.27	168.41
			--	04/20/20	13.53	167.15
			--	07/20/20	13.70	166.98
			--	10/19/20	13.16	167.52
			--	01/27/21	12.90	167.78
			--	07/26/21	13.98	166.70
			--	10/11/21	14.04	166.64
			19.79	04/25/22	13.19	167.49
MW21	14 to 24	175.93	23.74	11/19/08	10.21	165.72
			23.74	05/03/10	9.70	166.23
			--	05/07/10	9.73	166.20
			--	09/09/14	11.24	164.69
			23.55	05/09/18	10.28	165.65
			23.74	10/24/18	13.65	162.28
			--	01/27/20	EOS Interference	
			--	04/20/20	EOS Interference	
			--	07/20/20	11.33	164.60
			--	10/19/20	11.80	164.13
			--	01/27/21	10.92	165.01
			23.74	04/20/21	10.92	165.01
			--	07/26/21	11.40	164.53
			--	10/11/21	11.42	164.51
			23.74	04/25/22	10.45	165.48
MW23	10 to 20	176.03	20.15	11/19/08	10.81	165.22
			20.15	05/03/10	10.17	165.86
			--	05/07/10	10.32	165.71
	Monitoring Well Decommissioned					
MW24	8 to 18	177.62	17.25	11/19/08	9.34	168.28
			17.34	05/03/10	8.89	168.73
			--	05/04/10	8.96	168.66
			--	05/07/10	8.95	168.67
			17.34	09/09/14	12.19	165.43
			17.10	05/09/18	11.88	165.74
			17.34	10/24/18	12.88	164.74
			--	01/27/20	11.04	166.58
			--	04/20/20	12.28	165.34
			--	07/20/20	11.84	165.78
			--	10/19/20	11.33	166.29
			--	01/27/21	11.72	165.90
			--	04/20/21	12.19	165.43
			--	07/26/21	12.53	165.09
			--	10/11/21	12.29	165.33
			17.10	04/25/22	11.99	165.63
MW25	8 to 18	176.95	18.29	05/03/10	9.85	167.10
			--	05/04/10	10.02	166.93
			--	05/07/10	9.86	167.09
			--	09/09/14	11.85	165.10
			14.75	05/09/18	11.71	165.24
			17.34	10/24/18	12.55	164.40
			14.29	01/28/20	3.10	173.85
			14.38	04/20/20	12.00	164.95
		176.82	14.16	07/21/20	11.65	165.17
			--	10/20/20	11.54	165.28
			--	01/28/21	11.65	165.17
			18.29	04/20/21	11.68	165.14
			--	07/27/21	11.93	164.89
			--	10/11/21	11.78	165.04
			14.33	04/26/22	11.43	165.39
MW26	8 to 18	177.83	18.18	05/03/10	8.71	169.12
			--	05/04/10	8.81	169.02
			--	05/07/10	8.75	169.08
			18.18	09/09/14	12.63	165.20
			17.82	05/09/18	12.10	165.73
			18.18	10/24/18	13.00	164.83
			--	01/27/20	11.47	166.36
			--	04/20/20	12.29	165.54
			--	07/20/20	11.15	166.68
			--	10/19/20	10.95	166.88
			--	01/27/21	12.05	165.78
			--	04/20/21	12.04	165.79
			--	07/26/21	12.54	165.29
			--	10/11/21	11.99	165.84
			18.02	04/25/22	11.98	165.85

Table 1
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl)[1]	Total Well Depth (feet below TOC)[2]	Date Measured	Depth to Groundwater (feet below TOC)[2]	Groundwater Elevation (feet msl)[1]
Shallow Water Bearing Zone Wells						
TMW01	8 to 18	176.98	18.75	04/05/10	5.12	171.86
			18.80	05/04/10	5.27	171.71
			--	05/07/10	5.31	171.67
TMW02	8 to 18	176.91	18.79	04/05/10	5.62	171.29
			18.83	05/04/10	6.31	170.60
			--	05/07/10	6.25	170.66
TMW03	8 to 18	177.14	18.22	04/05/10	6.96	170.18
			18.25	05/04/10	7.53	169.61
			--	05/07/10	7.52	169.62
MW27	8.5 to 13.5	--	13.5	06/28/11	--	--
			--	09/09/14	11.54	--
			12.90	05/09/18	10.80	--
			13.16	01/28/20	10.89	--
			13.15	04/20/20	11.37	--
		175.91	13.15	07/21/20	11.26	164.65
			13.16	10/20/20	11.39	164.52
			13.10	01/28/21	11.25	164.66
			13.10	04/20/21	11.24	164.67
			13.10	07/27/21	11.13	164.78
			--	10/11/21	11.46	164.45
			13.12	04/26/22	11.33	164.58
MW28	5 to 18	176.09	--	01/27/20	10.38	165.71
			--	04/20/20	10.66	165.43
			--	07/20/20	10.71	165.38
			--	10/19/20	10.75	165.34
			--	01/27/21	10.54	165.55
			18.61	04/21/21	10.51	165.58
				07/26/21	10.82	165.27
			--	10/11/21	10.77	165.32
			18.59	04/25/22	10.51	165.58
MW30	5 to 20	175.73	--	04/23/21	Too Much EOS	
			--	04/24/21		
			--	07/26/21	10.18	165.55
			--	10/11/21	11.04	164.69
			20.09	04/25/22	5.00	170.73
MW07	21 to 31	176.56	31.00	12/06/04	7.45	169.11
			--	01/07/05	7.30	169.26
			--	05/31/06	8.09	168.47
			--	06/22/06	8.42	168.14
			31.01	01/08/07	6.52	170.04
		176.59	--	04/20/07	7.00	169.59
			30.67	11/19/08	8.38	168.21
			30.84	05/03/10	7.99	168.60
			--	05/07/10	8.04	168.55
			--	09/09/14	10.37	166.22
	Monitoring Well Decommissioned					
Deep Water Bearing Zone Wells						
MW08	30 to 40	175.90	40.09	12/06/04	6.55	169.35
			--	01/07/05	6.34	169.56
			--	05/31/06	6.35	169.55
			--	06/22/06	7.55	168.35
			40.09	01/08/07	5.54	170.36
			40.09	01/08/07	5.98	169.92
			40.15	11/19/08	9.00	166.90
			40.15	05/03/10	8.49	167.41
			--	05/07/10	8.51	167.39
			--	09/09/14	10.32	165.58
			39.96	05/09/18	9.35	166.55
			40.15	10/25/18	10.38	165.52
			--	01/28/20	10.21	165.69
			--	04/20/20	10.43	165.47
			--	07/20/20	10.58	165.32
			--	10/19/20	10.64	165.26
			--	01/27/21	10.26	165.64
			--	04/20/21	10.32	165.58
			--	07/26/21	10.63	165.27
			--	10/11/21	10.65	165.25
			40.19	04/25/22	10.24	165.66

Table 1
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl)[1]	Total Well Depth (feet below TOC)[2]	Date Measured	Depth to Groundwater (feet below TOC)[2]	Groundwater Elevation (feet msl)[1]
Deep Water Bearing Zone Wells						
MW09	30 to 40	176.43	39.81	12/06/04	6.81	169.62
			--	01/07/05	6.49	169.94
			--	05/31/06	6.34	170.09
			--	06/22/06	7.48	168.95
			39.75	01/08/07	5.85	170.58
			39.75	04/20/07	6.01	170.42
			39.81	11/19/08	7.30	169.13
			39.80	05/03/10	6.74	169.69
			--	05/07/10	6.73	169.70
			--	09/09/14	9.25	167.18
			39.60	05/09/18	5.50	170.93
			39.80	10/25/18	12.92	163.51
			--	01/27/20	9.67	166.76
			--	04/20/20	9.87	166.56
			--	07/20/20	10.19	166.24
			--	10/19/20	10.38	166.05
			--	01/27/21	10.18	166.25
			40.00	04/20/21	10.16	166.27
			--	07/26/21	10.56	165.87
			--	10/11/21	10.47	165.96
			39.82	04/25/22	10.10	166.33
MW10	30 to 40	176.01	39.98	12/06/04	7.12	168.89
			--	01/07/05	6.89	169.12
			--	05/31/06	6.99	169.02
			--	06/22/06	8.12	167.89
			--	01/08/07	6.05	169.96
			--	04/20/07	6.57	169.44
			40.01	11/19/08	10.21	165.80
			40.00	05/03/10	9.72	166.29
			--	05/07/10	9.75	166.26
			--	09/09/14	11.26	164.75
			39.82	05/09/18	10.32	165.69
			40.00	10/25/18	13.81	162.20
			--	01/27/20	10.95	165.06
			--	04/20/20	11.18	164.83
			--	07/20/20	11.35	164.66
			--	10/19/20	11.43	164.58
			--	01/27/21	11.02	164.99
			40.00	04/20/21	11.11	164.90
			--	07/26/21	11.42	164.59
			--	10/11/21	11.44	164.57
			40.02	04/25/22	10.99	165.02
MW11	57.5 to 67.5	178.99	64.30	05/31/06	7.71	171.28
			--	06/22/06	8.78	170.21
			64.28	01/08/07	7.30	171.69
			64.28	04/20/07	7.38	171.61
			65.30	11/19/08	8.34	170.65
			65.24	05/03/10	7.73	171.26
			--	05/07/10	7.69	171.30
			64.91	09/09/14	11.00	167.99
			--	05/09/18	Inaccessible	
			--	01/27/20	Inaccessible	
			--	04/20/20	10.80	168.19
			--	07/20/20	10.89	168.10
			--	10/19/20	11.09	167.90
			--	01/27/21	10.66	168.33
			--	07/26/21	10.83	168.16
			--	10/11/21	11.06	167.93
			66.32	04/25/22	10.61	168.38
MW12	57 to 67	176.95	62.51	05/31/06	7.31	169.64
			--	06/22/06	8.40	168.55
			66.55	01/08/07	7.04	169.91
			66.55	04/20/07	7.05	169.90
			66.10	11/19/08	7.92	169.03
			65.78	05/03/10	7.35	169.60
			--	05/07/10	7.32	169.63
			--	09/09/14	9.38	167.57
			65.60	05/09/18	8.67	168.28
			65.78	10/25/18	11.47	165.48
			--	01/27/20	9.30	167.65
			--	04/20/20	9.22	167.73
			--	07/20/20	9.31	167.64
			--	10/19/20	9.54	167.41
			--	01/27/21	9.10	167.85
			--	07/26/21	9.31	167.64
			--	10/11/21	9.54	167.41
			66.91	04/25/22	9.07	167.88

Table 1
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl)[1]	Total Well Depth (feet below TOC)[2]	Date Measured	Depth to Groundwater (feet below TOC)[2]	Groundwater Elevation (feet msl)[1]
Deep Water Bearing Zone Wells						
MW13	55.5 to 65.5	177.03	62.90	05/31/06	6.31	170.72
			--	06/22/06	7.40	169.63
			66.18	01/08/07	5.96	171.07
			66.18	04/20/07	6.01	171.02
			66.22	11/19/08	6.95	170.08
			66.21	05/03/10	6.35	170.68
			--	05/07/10	6.30	170.73
			--	09/09/14	9.02	168.01
			66.05	05/09/18	8.26	168.77
			66.21	10/25/18	12.69	164.34
			--	01/27/20	8.96	168.07
			--	04/20/20	8.88	168.15
			--	07/20/20	8.94	168.09
			--	10/19/20	9.17	167.86
			--	01/27/21	8.74	168.29
			--	07/26/21	8.90	168.13
			--	10/11/21	9.15	167.88
			66.25	04/25/22	8.71	168.32
MW14	63 to 73	176.50	72.81	05/31/06	6.55	169.95
			--	06/22/06	6.65	169.85
			71.8	01/08/07	5.18	171.32
		176.72	--	04/20/07	5.47	171.25
			72.16	11/19/08	6.45	170.27
			72.05	05/03/10	5.86	170.86
			--	05/07/10	5.81	170.91
			--	09/09/14	8.74	167.98
	Monitoring Well Decommissioned					
MW18	68 to 78	175.91	77.42	05/31/06	6.89	169.02
			--	06/22/06	7.84	168.07
			78.05	01/08/07	6.04	169.87
			78.05	04/20/07	6.26	169.65
	Monitoring Well Decommissioned					
MW20	40 to 50	177.62	49.19	11/19/08	7.16	170.46
			48.49	05/03/10	6.56	171.06
			--	05/07/10	6.50	171.12
	Monitoring Well Decommissioned					
MW22	39.5 to 49.5	177.23	49.2	11/19/08	7.18	170.05
			49.20	05/03/10	6.59	170.64
			--	05/07/10	6.53	170.70
			--	09/09/14	9.44	167.79
			48.40	05/09/18	8.64	168.59
			49.20	10/24/18	12.88	164.35
			--	01/27/20	9.32	167.91
			--	04/20/20	9.27	167.96
			--	07/20/20	9.34	167.89
			--	10/19/20	9.54	167.69
			--	01/27/21	9.12	168.11
			--	04/20/21	9.12	168.11
			--	07/26/21	9.28	167.95
			--	10/11/21	9.54	167.69
			49.44	04/25/22	9.07	168.16
MW29	25 to 65	176.27	--	01/27/20	10.49	165.78
			--	04/20/20	8.34	167.93
			--	07/20/20	8.30	167.97
			--	10/19/20	8.53	167.74
			--	01/27/21	8.12	168.15
			64.35	04/20/21	8.21	168.06
			--	07/26/21	8.29	167.98
			--	10/11/21	8.55	167.72
			--	04/26/22	8.04	168.23
MW31	30 to 45	175.7	--	01/27/21	11.82	163.88
			--	04/19/21	11.56	164.14
			--	07/26/21	12.20	163.50
IW34	20 to 45	--	43.61	01/27/20	Too Much EOS	
IW60	8 to 31	--	--	01/27/20		

NOTES:

[1]Initial elevation data for wells obtained from the Draft Final Remedial Investigation/Feasibility Study Report prepared by Farallon and dated July 2013. Farallon survey based on North American Vertical Datum of 1988.

[2]As measured from a fixed spot on the well TOC.

-- = not measured

bgs = below ground surface

Farallon = Farallon Consulting LLC

msl = mean sea level

TOC = top of casing

Table 2
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results[1] (micrograms per liter)					
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride
Shallow Zone Wells										
MW01	MW-1	GeoEngineers	10/30/03	--	< 2.0	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW1-060206	Farallon	06/02/06	16.42	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW1-112008	Farallon	11/20/08	16.48	1.5	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW1-050410	Farallon	05/04/10	11.50	1.8	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20140910	SoundEarth	09/10/14	13.50	1.6	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20181024	SoundEarth	10/24/18	11.50	0.85	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20200129	SoundEarth	01/29/20	14.50	1.8	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20200421	SoundEarth	04/21/20	15.50	1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20200721	SoundEarth	07/21/20	15.50	1.3	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20201020	SoundEarth	10/20/20	15.50	2.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20210128	SoundEarth	01/28/21	15.50	1.4	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20210420	SoundEarth	04/20/21	15.00	1.2	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20210727	SoundEarth	07/27/21	15.50	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW01-20211012	SoundEarth	10/12/21	16.00	1.3	< 0.20	< 0.20	< 0.20	--	< 0.10
	MW01-20220427	SoundEarth	04/27/22	15.00	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
MW02	MW-2	GeoEngineers	10/30/03	--	< 2.0	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW2-060106	Farallon	06/01/06	17.50	< 0.20	**5.5**	< 0.20	< 0.20	--	< 0.20
	MW2-111908	Farallon	11/19/08	17.31	**6.8**	4.6	< 0.20	< 0.20	--	< 0.20
	MW2-050410	Farallon	05/04/10	12.50	**9.5**	3.5	< 0.20	< 0.20	--	< 0.20
	MW02-20140910	SoundEarth	09/10/14	11.50	4.0	0.49	< 0.20	< 0.20	< 0.20	< 0.20
	MW02-20181025	SoundEarth	10/25/18	12.50	1.7	0.61	< 0.20	< 0.20	--	< 0.20
	MW02-20200129	SoundEarth	01/29/20	13.00	1.1	0.80	< 0.20	< 0.20	--	< 0.20
	MW02-20200421	SoundEarth	04/21/20	13.00	1.3	0.53	< 0.20	< 0.20	--	< 0.20
	MW02-20200721	SoundEarth	07/21/20	13.00	2.0	1.1	< 0.20	< 0.20	--	< 0.20
	MW02-20201020	SoundEarth	10/20/20	13.00	2.7	1.2	< 0.20	< 0.20	--	< 0.20
	MW02-20210128	SoundEarth	01/28/21	13.00	1.4	0.63	< 0.20	< 0.20	--	< 0.20
	MW02-20210420	SoundEarth	04/20/21	12.00	1.4	0.47	< 0.20	< 0.20	--	< 0.20
	MW02-20210727	SoundEarth	07/27/21	13.25	1.6	0.58	< 0.20	< 0.20	--	< 0.20
	MW02-20211012	SoundEarth	10/12/21	15.00	1.7	0.68	< 0.20	< 0.20	--	< 0.10
	MW02-20220427	SoundEarth	04/27/22	15.00	0.95	0.54	< 0.20	< 0.20	--	< 0.20
MW03	MW-3	GeoEngineers	10/30/03	--	**170**	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW3-060106	Farallon	06/01/06	17.56	**150**	1.1	< 1.0	< 1.0	--	< 1.0
	MW3-111908	Farallon	11/19/08	17.60	**230**	1.6	2.0	< 1.0	--	< 1.0
	MW3-050410	Farallon	05/04/10	12.50	**150**	< 1.0	< 1.0	< 1.0	--	< 1.0
	MW03-20140910	SoundEarth	09/10/14	8.50	**64**	0.58	0.79	< 0.20	< 0.20	< 0.20
	MW03-20181025	SoundEarth	10/25/18	12.50	**54**	0.61	< 0.40	< 0.40	--	< 0.40
	MW03-20200129	SoundEarth	01/29/20	11.00	< 0.40	< 0.40	**44**	0.57	--	**16**
	MW03-20200421	SoundEarth	04/21/20	12.50	< 0.20	0.20	6.3	0.55	--	**7.4**
	MW03-20200720	SoundEarth	07/20/20	12.50	< 0.20	0.36	13	0.65	--	**13**
	MW03-20201020	SoundEarth	10/20/20	12.50	< 0.20	0.57	13	0.48	--	**7.3**
	MW03-20210128	SoundEarth	01/28/21	12.50	< 0.20	0.68	7.8	0.42	--	**4.2**
	MW03-20210420	SoundEarth	04/20/21	13.00	< 0.20	0.61	7.0	0.54	--	**3.4**
	MW03-20210727	SoundEarth	07/27/21	13.30	< 0.20	0.45	2.1	0.31	--	**2.1**
	MW03-20211012	SoundEarth	10/12/21	15.00	< 0.20	0.42	2.7	0.23	--	**1.8**
	MW03-20220425P*	SoundEarth	04/25/22	12.00	< 0.20	0.54	4.1	0.36	--	**2.7**
	MW03-20220427	SoundEarth	04/27/22	15.00	< 0.20	0.81	6.6	0.35	--	**2.6**
MW04	MW-4	GeoEngineers	10/30/03	--	**2,100**	**220**	**92**	< 2.0	--	**20**
	MW4-080504	Farallon	08/05/04	16.00	**860**	**1,200**	**250**	< 10	--	**68**
	MW4-060206	Farallon	06/02/06	16.08	**1,100**	**730**	**590**	< 10	--	**170**
	MW4-042007	Farallon	04/20/07	14.95	**3,100**	**720**	**940**	< 20	--	**160**
	MW4-112008	Farallon	11/20/08	15.61	**10,000**	**640**	**1,100**	< 50	--	**130**
	MW4-050510	Farallon	05/05/10	11.00	**10,000**	**1,000**	**1,600**	< 50	--	**370**
	MW04-20140910	SoundEarth	09/10/14	12.50	**28,000**	**3,400**	**3,800**	< 200	< 200	**920**
	Monitoring Well Decommissioned									
MW05	MW-5	GeoEngineers	10/30/03	--	**270**	**46**	< 2.0	< 2.0	--	< 2.0
	MW5-060106	Farallon	06/01/06	15.45	**54**	**9.6**	3.3	< 0.40	--	< 0.40
	MW5-20080328	SoundEarth	03/28/08	--	**19**	**110**	**40**	< 1.0	--	**2.8**
	MW5-112008	Farallon	11/20/08	15.47	**86**	**67**	**37**	1.4	--	**5.5**
	MW5-050410	Farallon	05/04/10	10.00	**82**	**34**	**27**	0.44	--	**0.88**
	MW05-20140911	SoundEarth	09/11/14	13.50	**71**	**22**	5.6	0.27	< 0.20	< 0.20
	MW05-20190207	SoundEarth	02/07/19	14.00	**36**	**7.6**	1.7	< 0.20	< 0.20	< 0.20
	MW05-20200128	SoundEarth	01/28/20	13.50	3.4	1.4	**130**	< 1.0	--	**10**
	MW05-20200421	SoundEarth	04/21/20	14.50	2.3	1.2	**170**	1.3	--	**29**
	MW05-20200720	SoundEarth	07/20/20	14.50	1.1	< 1.0	**220**	1.6	--	**56**
	MW05-20201020	SoundEarth	10/20/20	14.50	1.1	1.1	**200**	2.1	--	**83**
	MW05-20210128	SoundEarth	01/28/21	14.50	0.8	< 0.8	**69**	1.6	--	**92**
	MW05-20210421	SoundEarth	04/21/21	13.75	< 0.40	0.43	**45**	1.1	--	**60**
	MW05-20210727	SoundEarth	07/27/21	14.30	< 0.40	0.70	**28**	0.91	--	**62**
	MW05-20211013	SoundEarth	10/13/21	15.00	< 0.80	< 0.80	**10**	< 0.80	--	**56**
	MW05-20220425P*	SoundEarth	04/25/22	14.00	< 0.20	0.50	3.5	0.27	--	**31**
	MW05-20220427	SoundEarth	04/27/22	15.00	< 0.20	< 0.20	0.81	< 0.20	--	**3.4**
MTCA Cleanup Levels for Groundwater					**5**[2]	**5**[2]	**16**[3]	**160**[3]	**400**[3]	**0.2**[2]

Table 2
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results[1] (micrograms per liter)					
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride
MW06	MW-6	GeoEngineers	11/08/04	--	**29**	**18**	11	< 2.0	--	**6.0**
	MW6-050410	Farallon	05/04/10	14.50	**4,100**	**330**	**440**	< 20	--	**110**
	MW06-20141007	SoundEarth	10/07/14	17.50	**10,000**	**450**	**320**	< 50	< 50	**72**
	MW06-20190207	SoundEarth	02/07/19	17.50	**1,800**	**510**	**600**	< 50	< 10	**170**
	MW06-20200128	SoundEarth	01/28/20	17.00	**38**	**130**	**210**	< 0.20	--	**33**
	MW06-20200421	SoundEarth	04/21/20	17.50	1.2	**8.7**	**42**	0.89	--	**26**
	MW06-20200721	SoundEarth	07/21/20	17.50	1.1	**10**	**32**	0.86	--	**25**
	MW06-20201020	SoundEarth	10/20/20	17.50	1.7	**29**	**63**	0.90	--	**36**
	MW06-20210128	SoundEarth	01/28/21	17.50	2.4	**30**	**74**	1.0	--	**59**
	MW06-20210420	SoundEarth	04/20/21	18.00	1.6	**27**	**120**	1.6	--	**160**
	MW06-20210727	SoundEarth	07/27/21	14.00	0.93	**8.8**	14	0.45	--	**10**
	MW06-20211012	SoundEarth	10/12/21	17.50	0.33	2.0	**18**	0.35	--	**14**
	MW06-20220426	SoundEarth	04/26/22	18.00	**11.00**	**27.0**	**20**	0.68	--	**13**
	(MW06 DUP) MW99-20220426	SoundEarth	04/26/22	18.00	**5.30**	**16.0**	**20**	0.67	--	**16**
MW15	MW15-060106	Farallon	06/01/06	16.12	0.22	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-112008	Farallon	11/20/08	13.20	0.26	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-050410	Farallon	05/04/10	12.50	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-20140910	SoundEarth	09/10/14	17.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20181022	SoundEarth	10/22/18	12.50	0.78	< 0.20	0.87	< 0.20	--	< 0.20
	MW15-20200128	SoundEarth	01/28/20	12.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-20200421	SoundEarth	04/21/20	10.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-20200721	SoundEarth	07/21/20	10.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-20201019	SoundEarth	10/19/20	10.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-20210127	SoundEarth	01/27/21	10.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-20210420	SoundEarth	04/20/21	12.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW15-20210726	SoundEarth	07/26/21	13.50	0.63	0.32	0.62	< 0.20	--	< 0.20
	MW15-20211012	SoundEarth	10/12/21	15.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.10
	MW15-20220426	SoundEarth	04/26/22	15.00	< 0.20	< 0.20	0.25	< 0.20	--	< 0.20
MW16	MW16-060106	Farallon	06/01/06	17.45	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW16-111908	Farallon	11/19/08	17.60	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW16-050510	Farallon	05/05/10	12.50	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW16-20140909	SoundEarth	09/09/14	12.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW16-20181022	SoundEarth	10/22/18	12.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW17	MW17-060106	Farallon	06/01/06	17.19	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	Monitoring Well Decommissioned									
MW19	MW17-20080328	SoundEarth	03/28/08	--	< 1.0	< 1.0	< 1.0	< 1.0	--	< 0.20
	MW19-20090311	SoundEarth	03/11/09	--	< 1.0	< 1.0	< 1.0	< 1.0	--	< 0.20
	MW19-050310	Farallon	05/03/10	15.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW19-20140909	SoundEarth	09/09/14	17.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW19-20181024	SoundEarth	10/24/18	15.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW21	MW21-112008	Farallon	11/20/08	21.74	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW21-050410	Farallon	05/04/10	19.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW21-20140909	SoundEarth	09/09/14	19.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**0.73**
	MW21-20181022	SoundEarth	10/22/18	19.00	< 0.20	< 0.20	1.7	< 0.20	--	**0.37**
	MW21-20200129	SoundEarth	01/29/20	19.00	0.67	< 0.20	8.0	< 0.20	--	**1.9**
	MW21-20200421	SoundEarth	04/21/20	19.00	< 0.20	< 0.20	3.9	< 0.20	--	**3.0**
	MW21-20200722	SoundEarth	07/22/20	19.00	< 0.20	< 0.20	4.4	< 0.20	--	**2.3**
	MW21-20201020	SoundEarth	10/20/20	19.00	0.22	< 0.20	2.6	< 0.20	--	**4.5**
	MW21-20210128	SoundEarth	01/28/21	19.00	< 0.20	< 0.20	2.0	< 0.20	--	**2.8**
	MW21-20210420	SoundEarth	04/20/21	19.00	< 0.20	< 0.20	1.7	< 0.20	--	**2.4**
	MW21-20210727	SoundEarth	07/27/21	19.00	< 0.20	< 0.20	0.23	< 0.20	--	**0.56**
	MW21-20211012	SoundEarth	10/12/21	18.00	< 0.20	< 0.20	0.29	< 0.20	--	**0.67**
	MW21-20220426	SoundEarth	04/26/22	19.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW23	MW23-112008	Farallon	11/20/08	18.15	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW23-050410	Farallon	05/04/10	15.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	Monitoring Well Decommissioned									
MW24	MW18-20080328	SoundEarth	03/28/08	--	**650**	< 10	< 10	< 10	--	< 2.0
	MW24-112008	Farallon	11/20/08	15.25	**360**	3.4	< 2.0	< 2.0	--	< 2.0
	MW24-20090304	Farallon	03/04/09	--	**290**	< 10	< 10	< 10	--	< 2.0
	MW24-050510	Farallon	05/05/10	13.00	**40**	0.42	< 0.20	< 0.20	--	< 0.20
	MW24-20140910	SoundEarth	09/10/14	15.00	**17**	0.27	< 0.20	< 0.20	< 0.20	< 0.20
	MW24-20181024	SoundEarth	10/24/18	13.00	**20**	0.24	< 0.20	< 0.20	--	< 0.20
	MW24-20200129	SoundEarth	01/29/20	14.00	1.2	< 0.20	2.4	< 0.20	--	< 0.20
	MW24-20200421	SoundEarth	04/21/20	15.50	1.3	< 0.20	2.7	< 0.20	--	< 0.20
	MW24-20200721	SoundEarth	07/21/20	15.50	1.1	< 0.20	6.0	< 0.20	--	**0.25**
	MW24-20201019	SoundEarth	10/19/20	15.50	0.92	< 0.20	8.6	< 0.20	--	**0.43**
	MW24-20210128	SoundEarth	01/28/21	15.50	0.64	< 0.20	1.7	< 0.20	--	< 0.20
	MW24-20210420	SoundEarth	04/20/21	15.00	0.47	< 0.20	3.8	< 0.20	--	**0.30**
	MW24-20210726	SoundEarth	07/26/21	15.00	0.39	< 0.20	5.4	< 0.20	--	**0.49**
	MW24-20211012	SoundEarth	10/12/21	15.00	0.35	< 0.20	5.4	< 0.20	--	**0.65**
	MW24-20220427	SoundEarth	04/27/22	15.00	0.22	< 0.20	3.0	< 0.20	--	**0.64**
MTCA Cleanup Levels for Groundwater					**5**[2]	**5**[2]	**16**[3]	**160**[3]	**400**[3]	**0.2**[2]

Table 2
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results[1] (micrograms per liter)					
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride
MW25	MW25-050410	Farallon	05/04/10	13.00	**14**	0.31	1.1	< 0.20	--	< 0.20
	MW25-20141007	SoundEarth	10/07/14	14.00	**12**	0.36	0.37	< 0.20	--	< 0.20
	MW25-20181025	SoundEarth	10/25/18	13.00	0.28	< 0.20	0.75	< 0.20	--	< 0.20
	MW25-20200421	SoundEarth	04/21/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW25-20200721	SoundEarth	07/21/20	13.00	0.20	0.50	0.45	< 0.20	--	< 0.20
	MW25-20201020	SoundEarth	10/20/20	13.00	1.6	0.59	1.4	< 0.20	--	< 0.20
	MW25-20210128	SoundEarth	01/28/21	13.00	2.0	1.0	0.80	< 0.20	--	< 0.20
	MW25-20210420	SoundEarth	04/20/21	14.00	2.9	0.8	0.68	< 0.20	--	< 0.20
	MW25-20210727	SoundEarth	07/27/21	15.00	0.97	0.31	1.5	< 0.20	--	< 0.20
	MW25-20211012	SoundEarth	10/12/21	14.00	0.47	0.34	0.47	< 0.20	--	< 0.10
	MW25-20220426	SoundEarth	04/26/22	14.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW26	MW26-050410	Farallon	05/04/10	13.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20140910	SoundEarth	09/10/14	15.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20181022	SoundEarth	10/22/18	13.00	0.24	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20200128	SoundEarth	01/28/20	14.00	0.28	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20200421	SoundEarth	04/21/20	15.50	0.24	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20200721	SoundEarth	07/21/20	15.50	1.4	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20201019	SoundEarth	10/19/20	15.50	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20210128	SoundEarth	01/28/21	15.50	0.41	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20210420	SoundEarth	04/20/21	15.00	0.34	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20210726	SoundEarth	07/26/21	15.00	0.49	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW26-20211012	SoundEarth	10/12/21	15.00	0.52	< 0.20	< 0.20	< 0.20	--	< 0.10
	MW26-20220427	SoundEarth	04/27/22	15.00	0.28	< 0.20	< 0.20	< 0.20	--	< 0.20
MW27	MW27-070111	Farallon	07/01/11	11.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20141007	SoundEarth	10/07/14	12.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20190207	SoundEarth	02/07/19	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20200128	SoundEarth	01/28/20	12.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20200421	SoundEarth	04/21/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20200721	SoundEarth	07/21/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20201020	SoundEarth	10/20/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20210128	SoundEarth	01/28/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20210420	SoundEarth	04/20/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20210727	SoundEarth	07/27/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW27-20211012	SoundEarth	10/12/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.10
	MW27-20220426	SoundEarth	04/26/22	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW28	MW28-20190604	SoundEarth	06/04/19	14.00	3.1	4.9	**50**	< 0.80	--	**16**
	MW28-20200128	SoundEarth	01/28/20	13.00	**330**	**150**	**710**	6.3	--	**130**
	MW28-20200422	SoundEarth	04/22/20	13.00	**35**	**15**	**280**	2.3	--	**65**
	MW28-20200721	SoundEarth	07/21/20	13.00	**21**	**18**	**200**	1.7	--	**60**
	MW28-20201020	SoundEarth	10/20/20	13.00	**16**	**13**	**170**	1.3	--	**50**
	MW28-20210128	SoundEarth	01/28/21	13.00	**44**	**26**	**200**	1.6	--	**49**
	MW28-20210421	SoundEarth	04/21/21	13.50	**21**	**5.6**	**180**	1.3	--	**41**
	MW28-20210727	SoundEarth	07/27/21	13.80	**48**	**34**	**61**	0.44	--	**23**
	MW28-20211013	SoundEarth	10/13/21	15.00	**24**	**29**	**68**	0.50	--	**19**
	MW28-20220427	SoundEarth	04/27/22	15.00	**5.7**	**5.6**	**150**	1.1	--	**31**
MW30	MW30-20210127	SoundEarth	01/27/21	16.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW30-20210419	SoundEarth	04/19/21	11.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW30-20210726	SoundEarth	07/26/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW30-20211011	SoundEarth	10/11/21	14.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.10
	MW30-20220426	SoundEarth	04/26/22	15.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
TMW01	TMW-1-040510	Farallon	04/05/10	13.75	**15**	0.29	< 0.20	< 0.20	--	< 0.20
	TMW-1-20100405	SoundEarth	04/05/10	--	**16**	< 1.0	< 1.0	< 1.0	--	< 0.20
	Monitoring Well Decommissioned									
TMW02	TMW-2-040510	Farallon	04/05/10	13.79	**110**	1.5	< 1.0	< 1.0	--	< 1.0
	TMW-2-20100405	SoundEarth	04/05/10	--	**150**	1.5	< 1.0	< 1.0	--	< 0.20
	Monitoring Well Decommissioned									
TMW03	TMW-3-040510	Farallon	04/05/10	13.22	**310**	3.6	< 2.0	< 2.0	--	< 2.0
	TMW-3-20100405	SoundEarth	04/05/10	--	**350**	3.7	< 1.0	< 1.0	--	< 0.20
	Monitoring Well Decommissioned									
MTCA Cleanup Levels for Groundwater					**5**[2]	**5**[2]	**16**[3]	**160**[3]	**400**[3]	**0.2**[2]

Table 2
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results[1] (micrograms per liter)					
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride
IW08	IW08-20200212*	SoundEarth	02/12/20	13.00	1.0	0.32	12	< 0.20	--	**0.39**
	IW08-20200526*	SoundEarth	05/26/20	9.00	1.2	0.32	12	< 0.20	< 0.20	**1.2**
	IW08-20200720*	SoundEarth	07/20/20	9.00	0.77	0.48	14	< 0.20	--	**0.74**
	IW08-20201019*	SoundEarth	10/19/20	9.00	1.2	0.44	**17**	< 0.20	--	**1.2**
	IW08-20210127*	SoundEarth	01/27/21	9.00	1.4	0.44	**30**	< 0.20	--	**2.1**
	IW08-20210419*	SoundEarth	04/19/21	10.00	2.1	0.48	**35**	< 0.40	--	**2.5**
	IW08-20210726*	SoundEarth	07/26/21	10.00	1.7	0.56	**31**	< 0.20	--	**1.1**
	IW08-20211011*	SoundEarth	10/11/21	11.00	1.4	0.43	**32**	< 0.20	--	**2.0**
	IW08-20220425*	SoundEarth	04/25/22	10.00	1.3	0.70	**49**	< 0.40	--	**1.9**
IW16	IW16-20200212*	SoundEarth	02/12/20	12.50	< 1.0	1.2	**37**	< 1.0	--	**180**
	IW16-20200526*	SoundEarth	05/26/20	13.50	< 1.0	1.5	**36**	< 1.0	< 1.0	**160**
	IW16-20200720*	SoundEarth	07/20/20	13.50	0.71	1.4	**33**	< 0.50	--	**120**
	IW16-20201019*	SoundEarth	10/19/20	13.50	0.81	1.2	**24**	< 0.40	--	**73**
	IW16-20210127*	SoundEarth	01/27/21	13.50	1.2	1.6	**17**	< 0.40	--	**56**
	IW16-20210419*	SoundEarth	04/19/21	13.00	0.91	1.7	**17**	< 0.40	--	**55**
	IW16-20210726*	SoundEarth	07/26/21	13.00	0.87	1.2	12	< 0.40	--	**42**
	IW16-20211011*	SoundEarth	10/11/21	13.00	0.51	1.0	8.6	0.23	--	**35**
	IW16-20220425*	SoundEarth	04/25/22	12.00	0.92	1.7	7.7	< 0.40	--	**29**
IW21	IW21-20200212*	SoundEarth	02/12/20	10.00	< 10	< 10	**81**	< 10	--	**1,500**
	IW21-20200526*	SoundEarth	05/26/20	10.00	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**330**
	IW21-20200720*	SoundEarth	07/20/20	10.00	< 2.0	< 2.0	6.7	< 2.0	--	**400**
	IW21-20201019*	SoundEarth	10/19/20	10.00	< 4.0	< 4.0	< 4.0	< 4.0	--	**740**
	IW21-20210127*	SoundEarth	01/27/21	10.00	< 0.80	< 0.80	< 0.80	< 0.80	--	**87**
	IW21-20210419*	SoundEarth	04/19/21	12.00	< 4.0	< 4.0	11	< 4.0	--	**380**
	IW21-20210726*	SoundEarth	07/26/21	12.00	< 0.20	0.88	1.1	< 0.20	--	**25**
	IW21-20211011*	SoundEarth	10/11/21	12.00	< 0.40	0.88	4.2	< 0.40	--	**50**
	IW21-20220425*	SoundEarth	04/25/22	12.00	< 4.00	< 4.00	**120**	< 4.00	--	**300**
IW31	IW31-20200212*	SoundEarth	02/12/20	13.00	0.36	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW31-20200526*	SoundEarth	05/26/20	10.00	0.23	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20200720*	SoundEarth	07/20/20	10.00	0.28	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW31-20201019*	SoundEarth	10/19/20	10.00	0.35	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW31-20210127*	SoundEarth	01/27/21	10.00	0.34	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW31-20210419*	SoundEarth	04/19/21	13.00	0.33	< 0.20	0.78	< 0.20	--	< 0.20
	IW31-20210726*	SoundEarth	07/26/21	13.00	0.28	< 0.20	0.21	< 0.20	--	< 0.20
	IW31-20211011*	SoundEarth	10/11/21	13.00	0.29	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW31-20220425*	SoundEarth	04/25/22	10.00	0.32	< 0.20	< 0.20	< 0.20	--	< 0.20
IW33	IW33-20190312*	SoundEarth	03/12/19	13.00	**6.3**	< 1.00	< 1.00	< 1.00	--	< 0.20
	IW33-20200212*	SoundEarth	02/12/20	12.50	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW33-20200526*	SoundEarth	05/26/20	10.50	1.1	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20200720*	SoundEarth	07/20/20	10.50	1.2	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW33-20201019*	SoundEarth	10/19/20	10.50	1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW33-20210127*	SoundEarth	01/27/21	10.50	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW33-20210419*	SoundEarth	04/19/21	11.00	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW33-20210726*	SoundEarth	07/26/21	11.00	0.98	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW33-20211011*	SoundEarth	10/11/21	14.00	0.90	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW33-20220425*	SoundEarth	04/25/22	13.00	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
IW59	IW59-20200212*	SoundEarth	02/12/20	4.00	< 0.20	0.55	1.0	< 0.20	--	**0.24**
	IW59-20200526*	SoundEarth	05/26/20	4.00	< 0.20	0.51	1.4	< 0.20	< 0.20	**3.0**
	IW59-20200720*	SoundEarth	07/20/20	4.00	< 0.20	0.69	2.3	< 0.20	--	**6.9**
	IW59-20201019*	SoundEarth	10/19/20	4.00	0.22	1.8	5.0	< 0.20	--	**15**
	IW59-20210127*	SoundEarth	01/27/21	4.00	0.51	2.3	11	< 0.20	--	**41**
	IW59-20210419*	SoundEarth	04/19/21	4.00	< 1.0	2.2	**42**	< 1.0	--	**79**
	IW59-20210726*	SoundEarth	07/26/21	4.00	0.48	2.0	**61**	< 0.40	--	**87**
	IW59-20211011*	SoundEarth	10/11/21	4.00	< 0.80	1.7	**94**	< 0.80	--	**130**
	IW59-20220425*	SoundEarth	04/25/22	3.00	< 2.0	< 2.0	**140**	< 2.0	--	**160**
MTCA Cleanup Levels for Groundwater					**5[2]**	**5[2]**	**16[3]**	**160[3]**	**400[3]**	**0.2[2]**

Table 2
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results[1] (micrograms per liter)					
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride
Deep Zone Wells										
MW07	MW7-111904-01	Farallon	11/19/04	26.00	**7,000**	**47**	< 20	< 20	--	< 20
	MW7-060206	Farallon	06/02/06	29.00	**530**	**16**	< 4.0	< 4.0	--	< 4.0
	MW7-042007	Farallon	04/20/07	28.00	2.5	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW7-112008	Farallon	11/20/08	28.67	**18.0**	0.69	< 2.0	< 2.0	--	< 2.0
	MW7-050410	Farallon	05/04/10	26.00	**12.0**	0.49	< 0.20	< 0.20	--	< 0.20
	MW07-20140910	SoundEarth	09/10/14	26.00	4.5	0.26	< 0.20	< 0.20	< 0.20	< 0.20
	Monitoring Well Decommissioned									
MW08	MW8-111904-01	Farallon	11/19/04	35.00	0.36	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW8-060106	Farallon	06/01/06	38.09	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW8-111908	Farallon	11/19/08	38.15	0.70	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW8-050510	Farallon	05/04/10	35.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20140909	SoundEarth	09/09/14	30.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20181025	SoundEarth	10/25/18	37.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20200128	SoundEarth	01/28/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20200421	SoundEarth	04/21/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20200720	SoundEarth	07/20/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20201019	SoundEarth	10/19/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20210127	SoundEarth	01/27/21	35.00	4.4	0.23	< 0.20	< 0.20	--	< 0.20
	MW08-20210420	SoundEarth	04/20/21	35.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20210726	SoundEarth	07/26/21	35.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW08-20211012	SoundEarth	10/12/21	15.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.10
	MW08-20220426	SoundEarth	04/26/22	35.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW09	MW9-111904-01	Farallon	11/19/04	35.00	**210**	< 1.0	< 1.0	< 1.0	--	< 1.0
	MW9-060106	Farallon	06/01/06	37.81	**390**	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW9-042007	Farallon	04/20/07	36.75	**410**	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW9-112008	Farallon	11/20/08	37.81	**220**	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW9-050410	Farallon	05/04/10	35.00	**190**	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW09-20140910	SoundEarth	09/10/14	35.00	**89**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW09-20181024	SoundEarth	10/24/18	35.00	**160**	< 1.0	< 1.0	< 1.0	--	< 1.0
	MW09-20200129	SoundEarth	01/29/20	35.00	**97**	3.4	**160**	< 1.0	--	< 1.0
	MW09-20200421	SoundEarth	04/21/20	35.00	**72**	4.6	**120**	< 1.0	--	< 0.20
	MW09-20200721	SoundEarth	07/21/20	35.00	**130**	**11**	**170**	1.4	--	< 0.20
	MW09-20201020	SoundEarth	10/20/20	35.00	**250**	**13**	**110**	< 1.0	--	< 0.20
	MW09-20210128	SoundEarth	01/28/21	35.00	**350**	**8.0**	**43**	< 2.0	--	< 0.20
	MW09-20210420	SoundEarth	04/20/21	35.00	**310**	**6.9**	**30**	< 2.0	--	< 0.20
	MW09-20210727	SoundEarth	07/27/21	35.00	**410**	4.3	**23**	< 2.0	--	< 0.20
	MW09-20211013	SoundEarth	10/13/21	35.00	**380**	3.9	**20**	< 0.40	--	< 0.20
	MW09-20220427	SoundEarth	04/27/22	35.00	**420**	4.4	15	< 0.20	--	< 0.20
MW10	MW10-111904-01	Farallon	11/19/04	34.98	2.5	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW10-060106	Farallon	06/01/06	37.98	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW10-042007	Farallon	04/20/07	37.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW10-112008	Farallon	11/20/08	38.01	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW10-050410	Farallon	05/04/10	35.00	3.30	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW10-20140910	SoundEarth	09/10/14	35.00	**600**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW10-20181024	SoundEarth	10/24/18	35.00	**210**	< 2.0	< 2.0	< 2.0	--	< 2.0
	MW10-20190409	SoundEarth	04/09/19*	35.00	**21**	1.1	1.8	< 0.20	--	< 0.20
	MW10-20200129	SoundEarth	01/29/20	35.00	**6.5**	3.3	**250**	< 1.0	--	**1.6**
	MW10-20200422	SoundEarth	04/22/20	35.00	< 2.0	< 2.0	**270**	< 2.0	--	**1.5**
	MW10-20200722	SoundEarth	07/22/20	35.00	< 2.0	< 2.0	**270**	< 2.0	--	**1.3**
	MW10-20201020	SoundEarth	10/20/20	35.00	**6.5**	3.6	**480**	< 2.0	--	**1.2**
	MW10-20210128	SoundEarth	01/28/21	35.00	**11**	**6.5**	**420**	< 2.0	--	**0.91**
	MW10-20210420	SoundEarth	04/20/21	35.00	**47**	**15**	**650**	< 4.0	--	**1.3**
	MW10-20210726	SoundEarth	07/26/21	35.00	**19**	**8.9**	**400**	< 2.0	--	**0.78**
	MW10-20211012	SoundEarth	10/12/21	35.00	**9.3**	**5.3**	**150**	0.48	--	**0.56**
	MW10-20220426	SoundEarth	04/26/22	35.00	1.7	1.5	**120**	< 0.80	--	**0.50**
MW11	MW11-060206	Farallon	06/02/06	62.30	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW11-112008	Farallon	11/20/08	63.30	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW11-050310	Farallon	05/03/10	62.50	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW11-20141007	SoundEarth	10/07/14	62.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW12	MW12-060206	Farallon	06/02/06	60.51	0.76	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW12-111908	Farallon	11/19/08	64.10	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW12-050310	Farallon	05/03/10	62.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW12-20140909	SoundEarth	09/09/14	62.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW12-20181024	SoundEarth	10/24/18	62.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW13	MW13-060206	Farallon	06/02/06	60.90	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW13-042007	Farallon	04/20/07	63.18	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW13-111908	Farallon	11/19/08	64.22	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW13-050310	Farallon	05/03/10	60.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW13-20140909	SoundEarth	09/09/14	60.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW13-20181024	SoundEarth	10/24/18	60.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW14	MW14-060206	Farallon	06/02/06	71.31	0.99	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW14-032507	Farallon	03/25/07	70.08	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW14-042007	Farallon	04/20/07	68.80	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW14-112008	Farallon	11/20/08	70.16	1.1	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW14-050410	Farallon	05/04/10	68.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW14-20140910	SoundEarth	09/10/14	68.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	Monitoring Well Decommissioned									
MTCA Cleanup Levels for Groundwater					**5[2]**	**5[2]**	**16[3]**	**160[3]**	**400[3]**	**0.2[2]**

Table 2
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results[1] (micrograms per liter)					
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride
MW18	MW18-060106	Farallon	06/01/06	75.92	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	Monitoring Well Decommissioned									
MW20	MW20-112008	Farallon	11/20/08	47.19	0.28	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW20-050410	Farallon	05/04/10	45.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	Monitoring Well Decommissioned									
MW22	MW22-112008	Farallon	11/20/08	47.19	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-050410	Farallon	05/04/10	44.00	< 1.0	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20140910	SoundEarth	09/10/14	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20181024	SoundEarth	10/24/18	44.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20200128	SoundEarth	01/28/20	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20200421	SoundEarth	04/21/20	44.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20200721	SoundEarth	07/21/20	44.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20201019	SoundEarth	10/19/20	44.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20210127	SoundEarth	01/27/21	44.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20210420	SoundEarth	04/20/21	44.50	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20210726	SoundEarth	07/26/21	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW22-20211012	SoundEarth	10/12/21	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.10
	MW22-20220426	SoundEarth	04/26/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MW29	MW29-20190521	SoundEarth	05/21/19	45.00	**11**	0.62	< 0.20	< 0.20	--	< 0.20
	MW29-20200128	SoundEarth	01/28/20	45.00	4.5	1.1	2.8	< 0.20	--	< 0.20
	MW29-20200422	SoundEarth	04/22/20	40.00	0.79	< 0.20	< 0.20	< 0.20	--	< 0.20
	MW29-20200721	SoundEarth	07/21/20	40.00	4.6	1.5	0.86	< 0.20	--	< 0.20
	MW29-20201019	SoundEarth	10/19/20	40.00	4.5	1.2	0.55	< 0.20	--	< 0.20
	MW29-20210128	SoundEarth	01/28/21	40.00	**7.1**	1.5	0.30	< 0.20	--	< 0.20
	MW29-20210420	SoundEarth	04/20/21	45.00	**7.2**	1.3	0.21	< 0.20	--	< 0.20
	MW29-20210726	SoundEarth	07/26/21	45.00	4.8	0.53	< 0.20	< 0.20	--	< 0.20
	MW29-20211012	SoundEarth	10/12/21	--	5.3	0.87	< 0.20	< 0.20	--	< 0.10
	MW29-20220427	SoundEarth	04/27/22	45.00	1.4	0.78	2.7	< 0.20	--	< 0.20
MW31	MW31-20210127	SoundEarth	01/27/21	37.00	**16,000**	**780**	**940**	< 200	--	< 200
	MW31-20210419	SoundEarth	04/19/21	37.50	**19,000**	**2,600**	**3,400**	< 100	--	< 10
	MW31-20210726	SoundEarth	07/26/21	37.50	**480**	**790**	**15,000**	110	--	**12**
	MW31-20210819	SoundEarth	08/19/21	38.00	**350**	**360**	**16,000**	140	--	**20**
	MW31-20211011	SoundEarth	10/11/21	37.50	**370**	**410**	**11,000**	150	--	**65**
	MW31-20220426	SoundEarth	04/26/22	--	**110**	**12**	**13,000**	120	--	**570**
IW07	IW07-20200212*	SoundEarth	02/12/20	32.00	< 0.20	< 0.20	1.5	< 0.20	--	< 0.20
	IW07-20200526*	SoundEarth	05/26/20	32.00	< 0.20	< 0.20	1.8	< 0.20	< 0.20	< 0.20
	IW07-20200720*	SoundEarth	07/20/20	32.00	< 0.20	< 0.20	1.9	< 0.20	--	< 0.20
	IW07-20201019*	SoundEarth	10/19/20	32.00	< 0.20	< 0.20	1.5	< 0.20	--	< 0.20
	IW07-20210127*	SoundEarth	01/27/21	32.00	< 0.20	< 0.20	1.8	< 0.20	--	**0.23**
	IW07-20210419*	SoundEarth	04/19/21	32.00	< 0.20	< 0.20	1.5	< 0.20	--	**0.32**
	IW07-20210726*	SoundEarth	07/26/21	32.00	< 0.20	< 0.20	1.5	< 0.20	--	**0.32**
	IW07-20211011*	SoundEarth	10/11/21	32.00	< 0.20	< 0.20	1.4	< 0.20	--	**0.32**
	IW07-20220425*	SoundEarth	04/25/22	32.00	< 0.20	< 0.20	1.4	< 0.20	--	**0.44**
IW15	IWI5-20200212*	SoundEarth	02/12/20	29.00	0.21	< 0.20	3.3	< 0.20	--	**0.58**
	IWI5-20200526*	SoundEarth	05/26/20	32.00	0.34	0.44	**18**	< 0.20	< 0.20	**11**
	IWI5-20200720*	SoundEarth	07/20/20	32.00	0.36	0.58	**28**	< 0.20	--	**19**
	IWI5-20201019*	SoundEarth	10/19/20	32.00	0.33	0.45	**27**	< 0.20	--	**20**
	IW15-20210127*	SoundEarth	01/27/21	32.00	0.65	< 0.40	**40**	< 0.40	--	**28**
	IW15-20210419*	SoundEarth	04/19/21	32.00	0.57	1.5	**69**	< 0.40	--	**37**
	IW15-20210726*	SoundEarth	07/26/21	32.00	0.51	1.0	**49**	< 0.40	--	**24**
	IW15-20211011*	SoundEarth	10/11/21	32.00	0.37	0.64	**35**	< 0.20	--	**14**
	IW15-20220425*	SoundEarth	04/25/22	32.00	< 0.80	1.6	**57**	< 0.80	--	**19**
IW22	IW22-20200212*	SoundEarth	02/12/20	32.00	< 0.20	< 0.20	1.5	< 0.20	--	**30**
	IW22-20200526*	SoundEarth	05/26/20	32.00	< 0.50	< 0.50	4.8	< 0.50	< 0.50	**91**
	IW22-20200720*	SoundEarth	07/20/20	32.00	< 1.0	< 1.0	8.5	< 1.0	--	**160**
	IW22-20201019*	SoundEarth	10/19/20	32.00	< 1.0	< 1.0	8.2	< 1.0	--	**150**
	IW22-20210127*	SoundEarth	01/27/21	32.00	< 1.0	< 1.0	12	< 1.0	--	**180**
	IW22-20210419*	SoundEarth	04/19/21	32.00	< 2.0	< 2.0	**17**	< 2.0	--	**210**
	IW22-20210726*	SoundEarth	07/26/21	32.00	< 2.0	< 2.0	**16**	< 2.0	--	**250**
	IW22-20211011*	SoundEarth	10/11/21	32.00	< 2.0	< 2.0	**20**	< 2.0	--	**240**
	IW22-20220425*	SoundEarth	04/25/22	32.00	< 4.0	< 4.0	**30**	< 4.0	--	**280**
MTCA Cleanup Levels for Groundwater					**5**[2]	**5**[2]	**16**[3]	**160**[3]	**400**[3]	**0.2**[2]

Table 2
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results[1] (micrograms per liter)					
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride
IW32	IW32-20200212*	SoundEarth	02/12/20	33.00	< 40	**950**	**7,100**	73	--	**250**
	IW32-20200526*	SoundEarth	05/26/20	32.00	< 50	**370**	**5,700**	< 50	< 50	**250**
	IW32-20200720*	SoundEarth	07/20/20	32.00	< 50	**260**	**5,400**	< 50	--	**250**
	IW32-20201019*	SoundEarth	10/19/20	32.00	**23**	**200**	**4,600**	35	--	**240**
	IW32-20210127*	SoundEarth	01/27/21	32.00	**45**	**320**	**5,800**	45	--	**320**
	IW32-20210419*	SoundEarth	04/19/21	32.00	< 40	**170**	**6,100**	53	--	**430**
	IW32-20210726*	SoundEarth	07/26/21	32.00	< 50	**160**	**10,000**	89	--	**1,300**
	IW32-20211011*	SoundEarth	10/11/21	32.00	< 40	**130**	**7,000**	55	--	**1,200**
	IW32-20220425*	SoundEarth	04/25/22	32.00	< 50	**120**	**5,400**	< 50	--	**960**
IW34	IW34-20190409*	SoundEarth	04/09/19	33.00	**230**	**21**	11	< 1.0	--	1.0
	IW34-20200212*	SoundEarth	02/12/20	33.00	**360**	**3,100**	**4,100**	50	--	**100**
	IW34-20200526*	SoundEarth	05/26/20	32.00	**310**	**2,400**	**7,700**	83	< 50	**160**
	IW34-20200720*	SoundEarth	07/20/20	32.00	**290**	**2,300**	**11,000**	110	--	**220**
	IW34-20201019*	SoundEarth	10/19/20	32.00	**230**	**1,400**	**13,000**	140	--	**280**
	IW34-20210127*	SoundEarth	01/27/21	32.00	< 200	**990**	**17,000**	< 200	--	**360**
	IW34-20210419*	SoundEarth	04/19/21	32.00	**170**	**650**	**20,000**	**240**	--	**480**
	IW34-20210726*	SoundEarth	07/26/21	32.00	< 200	**230**	**24,000**	**320**	--	**460**
	IW34-20211011*	SoundEarth	10/11/21	32.00	< 200	< 200	**26,000**	**330**	--	**560**
	IW34-20220425*	SoundEarth	04/25/22	32.00	< 10	< 10	**34,000**	**500**	--	**810**
IW36	IW36-20190409*	SoundEarth	04/09/19	33.00	0.37	< 0.20	< 0.20	< 0.20	--	< 0.20
IW60	--	--	02/12/20	--	--	--	--	--	--	--
	IW60-20200526*	SoundEarth	05/26/20	20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20200720*	SoundEarth	07/20/20	20	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW60-20201019*	SoundEarth	10/19/20	20	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW60-20210127*	SoundEarth	01/27/21	20	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW60-20210419*	SoundEarth	04/19/21	20	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW60-20210726*	SoundEarth	07/26/21	20	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW60-20211011*	SoundEarth	10/11/21	20	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	IW60-20220425*	SoundEarth	04/25/22	20	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
DZ-B01	DZ-B01-20-30	SoundEarth	07/20/21	25.00	**3,600**	**520**	**5,900**	< 30	--	**1,800**
	DZ-B01-40-50	SoundEarth	07/20/21	45.00	**10,000**	**160**	**310**	< 50	--	**67**
DZ-B02	DZ-B02-20-30	SoundEarth	07/22/21	25.00	**10,000**	**980**	**1,900**	< 100	--	**180**
	DZ-B02-40-50	SoundEarth	07/22/21	45.00	**1,300**	**180**	**420**	< 10	--	**32**
DZ-B03	DZ-B03-20-30	SoundEarth	07/22/21	25.00	**22,000**	**1,500**	**6,600**	< 200	--	**590**
	DZ-B03-35-45	SoundEarth	07/22/21	40.00	**12,000**	**420**	**920**	< 100	--	**62**
DZ-B04	DZ-B04-20-30	SoundEarth	07/23/21	25.00	**130**	3.9	**270**	< 2.0	--	**280**
	DZ-B04-40-50	SoundEarth	07/23/21	45.00	**80**	0.75	1.0	< 0.40	--	**0.50**
DZ-B05	DZ-B05-20-30	SoundEarth	02/24/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B05-40-50	SoundEarth	02/25/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B05-60-70	SoundEarth	02/25/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
DZ-B06	DZ-B06-20-30	SoundEarth	02/28/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B06-40-50	SoundEarth	02/28/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B06-60-70	SoundEarth	03/01/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
DZ-B07	DZ-B07-20-30	SoundEarth	03/03/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B07-40-50	SoundEarth	03/03/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B07-60-70	SoundEarth	03/03/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
DZ-B08	DZ-B08-20-30	SoundEarth	03/01/22	25.00	**33**	0.51	< 0.20	< 0.20	--	< 0.20
	DZ-B08-40-50	SoundEarth	03/02/22	45.00	2.6	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B08-60-70	SoundEarth	03/02/22	65.00	0.40	< 0.20	< 0.20	< 0.20	--	< 0.20
DZ-B09	DZ-B09-20-30	SoundEarth	02/22/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B09-40-50	SoundEarth	02/22/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
	DZ-B09-60-70	SoundEarth	02/23/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	--	< 0.20
MTCA Cleanup Levels for Groundwater					**5[2]**	**5[2]**	**16[3]**	**160[3]**	**400[3]**	**0.2[2]**

NOTES:

Red denotes concentration exceeds MTCA cleanup level for groundwater.

* denotes sample was collected with a passive diffusion bag sampler.

Samples analyzed by OnSite Environmental, Inc. of Redmond, Washington.

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

[2]MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 720-1 Method A Cleanup Levels for Groundwater, revised November 2007.

[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>.

-- = not analyzed

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

bgs = below ground surface

CLARC = cleanup levels and risk calculations

CVOC = chlorinated volatile organic compound

DCE = dichloroethene

DZ = Deep Zone Temporary Monitoring Well

EPA = U.S. Environmental Protection Agency

Farallon = Farallon Consulting, L.L.C.

GeoEngineers = GeoEngineers, Inc.

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene

WAC = Washington Administrative Code

Table 3
Natural Attenuation Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Dissolved Oxygen[1]	Analytical Results (milligrams per liter)										
				Nitrate[2]	Total Manganese[3]	Dissolved Manganese[3]	Total Iron[3]	Ferrous Iron[4]	Ferric Iron[5]	Sulfate[6]	Methane[7]	Ethane[7]	Ethene[7]	Chloride[8]
Shallow Zone Wells														
MW01	MW1-060206	06/02/06	4.16	16	--	0.02	1.30	0.00	1.30	16	<0.01	<0.01	<0.01	--
	MW1-20140910	09/10/14	1.24	4.1	--	<0.011	<0.06	0.041	0.00	26	<0.0005	<0.0005	<0.0005	--
	MW01-20181024	10/24/18	2.60	--	--	--	--	--	--	--	--	--	--	--
	MW01-20200129	01/29/20	5.01	1.6	850	--	27,000	0.506	26999.49	25	3.0	<0.22	<0.29	11
	MW01-20200421	04/21/20	3.14	--	--	--	--	--	--	--	--	--	--	--
	MW01-20200721	07/21/20	3.20	--	--	--	--	--	--	--	--	--	--	--
	MW01-20201020	10/20/20	5.11	--	--	--	--	--	--	--	--	--	--	--
	MW01-20210128	01/28/21	3.20	--	--	--	--	--	--	--	--	--	--	--
	MW01-20210420	04/20/21	6.18	2.1	<10	--	180	0.142	179.86	21	<0.55	<0.22	0.29	7.9
	MW01-20210727	07/27/21	2.74	--	--	--	--	--	--	--	--	--	--	--
	MW01-20211012	10/12/21	3.77	--	--	--	--	--	--	--	--	--	--	--
	MW01-20220427	04/27/22	5.21	--	--	--	--	--	--	--	--	--	--	--
MW02	MW02-20210420	04/20/21	2.99	--	--	--	--	--	--	--	--	--	--	--
	MW02-20210727	07/27/21	0.78	--	--	--	--	--	--	--	--	--	--	--
	MW02-20211012	10/12/21	3.64	--	--	--	--	--	--	--	--	--	--	--
	MW02-20220427	04/27/22	3.81	--	--	--	--	--	--	--	--	--	--	--
MW03	MW03-20210420	04/20/21	1.07	--	--	--	--	--	--	--	--	--	--	--
	MW03-20210727	07/27/21	0.09	--	--	--	--	--	--	--	--	--	--	--
	MW03-20211012	10/12/21	0.33	--	--	--	--	--	--	--	--	--	--	--
	MW03-20220427	04/27/22	0.18	--	--	--	--	--	--	--	--	--	--	--
MW05	MW05-20200128	01/28/20	0.95	<0.050	5,000	--	54,000	69.9	53930.10	<5.0	6,600	<22	<29	8.5
	MW05-20200421	04/21/20	0.98	--	--	--	--	--	--	--	--	--	--	--
	MW05-20200721	07/21/20	1.42	--	--	--	--	--	--	--	--	--	--	--
	MW05-20201020	10/20/20	0.30	--	--	--	--	--	--	--	--	--	--	--
	MW05-20210128	01/28/21	1.31	--	--	--	--	--	--	--	--	--	--	--
	MW05-20210421	04/21/21	1.19	<0.050	3,400	--	68,000	57.9	67,942.10	<5.0	3400	<0.22	<0.29	19
	MW05-20210727	07/27/21	0.18	--	--	--	--	--	--	--	--	--	--	--
	MW05-20211013	10/13/21	0.16	--	--	--	--	--	--	--	--	--	--	--
	MW05-20220427	04/27/22	0.52	<0.050	2,800	--	41,000	42.8	--	<5.0	9000	<0.22	<0.29	15
MW06	MW06-20210420	04/20/21	0.83	--	--	--	--	--	--	--	--	--	--	--
	MW06-20210727	07/27/21	9.53	--	--	--	--	--	--	--	--	--	--	--
	MW06-20211012	10/12/21	0.59	--	--	--	--	--	--	--	--	--	--	--
	MW06-20220426	04/26/22	0.22	<0.050	1,100	--	1,600	0.401	--	17	990	<0.22	24	68
MW15	MW15-20181022	10/22/18	1.71	2.5	36	--	210	<0.040	210	65	2.10	<0.50	<0.50	29
	MW15-20200128	01/28/20	0.60	3.8	360	--	2,100	0.158	2099.84	32	170	<0.44	<0.58	87
	MW15-20200421	04/21/20	0.68	--	--	--	--	--	--	--	--	--	--	--
	MW15-20200721	07/21/20	2.28	--	--	--	--	--	--	--	--	--	--	--
	MW15-20201019	10/19/20	19.19	--	--	--	--	--	--	--	--	--	--	--
	MW15-20210127	01/27/21	0.56	--	--	--	--	--	--	--	--	--	--	--
	MW15-20210420	04/20/21	1.36	1.1	450	--	26,000	0.545	25,999.46	16	2600	<0.22	<0.29	81
	MW15-20210726	07/26/21	0.22	--	--	--	--	--	--	--	--	--	--	--
	MW15-20211012	10/12/21	0.13	--	--	--	--	--	--	--	--	--	--	--
	MW15-20220426	04/26/22	0.41	17	210	--	1,700	0.598	--	19	9500	<0.22	<0.29	91
MW21	MW21-20181022	10/22/18	1.10	<0.050	1,600	--	460	0.093	459.91	67	43	<3.0	<3.0	11
	MW21-20200129	01/29/20	40.9	--	--	--	--	--	--	--	--	--	--	--
	MW21-20200421	04/21/20	1.08	--	--	--	--	--	--	--	--	--	--	--
	MW21-20200721	07/21/20	2.68	--	--	--	--	--	--	--	--	--	--	--
	MW21-20201020	10/20/20	0.33	--	--	--	--	--	--	--	--	--	--	--
	MW21-20210128	01/28/21	0.39	--	--	--	--	--	--	--	--	--	--	--
	MW21-20210420	04/20/21	1.33	--	--	--	--	--	--	--	--	--	--	--
	MW21-20210727	07/27/21	4.23	--	--	--	--	--	--	--	--	--	--	--
	MW21-20211012	10/12/21	0.69	--	--	--	--	--	--	--	--	--	--	--
	MW21-20220426	04/26/22	0.19	<0.050	1,300	--	11,000	14.5	--	<5.0	8500	<0.22	<0.29	12
MW24	MW24-20210420	04/20/21	0.49	--	--	--	--	--	--	--	--	--	--	--
	MW24-20210726	07/26/21	0.00	--	--	--	--	--	--	--	--	--	--	--
	MW24-20211012	10/12/21	0.11	--	--	--	--	--	--	--	--	--	--	--
	MW24-20220427	04/27/22	0.41	--	--	--	--	--	--	--	--	--	--	--
MW25	MW25-20210420	04/20/21	0.51	--	--	--	--	--	--	--	--	--	--	--
	MW25-20210727	07/27/21	2.86	--	--	--	--	--	--	--	--	--	--	--
	MW25-20211012	10/12/21	2.38	--	--	--	--	--	--	--	--	--	--	--
	MW25-20220426	04/26/22	0.25	--	--	--	--	--	--	--	--	--	--	--
MW26	MW26-20210420	04/20/21	5.96	--	--	--	--	--	--	--	--	--	--	--
	MW26-20210726	07/26/21	4.00	--	--	--	--	--	--	--	--	--	--	--
	MW26-20211012	10/12/21	4.68	--	--	--	--	--	--	--	--	--	--	--
	MW26-20220427	04/27/22	7.10	--	--	--	--	--	--	--	--	--	--	--
MW27	MW27-20210420	04/20/21	3.81	--	--	--	--	--	--	--	--	--	--	--
	MW27-20210727	07/27/21	0.37	--	--	--	--	--	--	--	--	--	--	--
	MW27-20211012	10/12/21	0.82	--	--	--	--	--	--	--	--	--	--	--
	MW27-20220426	04/26/22	0.26	--	--	--	--	--	--	--	--	--	--	--
MW28	MW28-20200128	01/28/20	12.80	<0.050	500	--	320	0.456	319.54	15	1,400	4.5	37	110
	MW28-20200421	04/21/20	2.32	--	--	--	--	--	--	--	--	--	--	--
	MW28-20200721	07/21/20	0.09	--	--	--	--	--	--	--	--	--	--	--
	MW28-20201020	10/20/20	0.84	--	--	--	--	--	--	--	--	--	--	--
	MW28-20210128	01/28/21	0.32	--	--	--	--	--	--	--	--	--	--	--
	MW28-20210421	04/21/21	0.81	<0.050	590	--	900	1.18	898.82	13	470	<0.22	23	140
	MW28-20210727	07/27/21	0.06	--	--	--	--	--	--	--	--	--	--	--
	MW28-20211013	10/13/21	0.22	--	--	--	--	--	--	--	--	--	--	--
	MW28-20220427	04/27/22	0.40	<0.050	680	--	1,100	1.46	--	11	1400	2.7	43	170
MW30	MW30-20210420	04/19/21	0.98	--	--	--	--	--	--	--	--	--	--	--
	MW30-20210726	07/26/21	0.13	--	--	--	--	--	--	--	--	--	--	--
	MW30-20211011	10/11/21	0.36	--	--	--	--	--	--	--	--	--	--	--
	MW30-20220426	04/26/22	1.55	--	--	--	--	--	--	--	--	--	--	--

Table 3
Natural Attenuation Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Dissolved Oxygen[1]	Analytical Results (milligrams per liter)										
				Nitrate[2]	Total Manganese[3]	Dissolved Manganese[3]	Total Iron[3]	Ferrous Iron[4]	Ferric Iron[5]	Sulfate[6]	Methane[7]	Ethane[7]	Ethene[7]	Chloride[8]
Deep Zone Wells														
MW07	MW7-060206	06/02/06	0.11	<0.15	--	0.10	4.30	0.00	4.30	65	0.33	<0.01	<0.01	--
	MW07-20140910	09/10/14	0.34	2.7	--	<0.011	<0.06	0.173	0.00	32	<0.0005	<0.0005	<0.0005	--
	Monitoring Well Decommissioned													
MW08	MW08-20140909	09/09/14	0.22	<0.050	--	0.17	<0.06	0.059	0.00	43	<0.0005	<0.0005	<0.0005	--
	MW08-20181025	10/25/18	1.78	<0.050	600	--	190	0.087	189.91	41	<1.0	<0.50	<0.50	6.4
	MW08-20200128	01/28/20	0.68	<0.050	1,400	--	350	<0.0500	350	40	<0.55	<0.22	<0.29	7.7
	MW08-20200421	04/21/20	0.57	--	--	--	--	--	--	--	--	--	--	--
	MW08-20200721	07/21/20	1.66	--	--	--	--	--	--	--	--	--	--	--
	MW08-20201020	10/20/20	0.18	--	--	--	--	--	--	--	--	--	--	--
	MW08-20210127	01/27/21	2.76	--	--	--	--	--	--	--	--	--	--	--
	MW08-20210420	04/20/21	1.87	<0.050	350	--	81	<0.100	81	40	<0.55	<0.22	<0.29	8.8
	MW08-20210726	07/26/21	0.12	--	--	--	--	--	--	--	--	--	--	--
	MW08-20211012	10/12/21	0.86	--	--	--	--	--	--	--	--	--	--	--
	MW08-20220426	04/26/22	0.37	--	--	--	--	--	--	--	--	--	--	--
MW09	MW09-20140910	09/10/14	2.90	4.7	--	<0.011	<0.06	<0.04	0.00	27	<0.0005	<0.0005	<0.0005	--
	MW09-20181024	10/24/18	4.52	5.1	47	--	130	0.09	129.91	25	<1.0	<0.50	<0.50	--
	MW09-20200129	01/20/20	12.2	--	--	--	--	--	--	--	--	--	--	--
	MW09-20200421	04/21/20	0.28	--	--	--	--	--	--	--	--	--	--	--
	MW09-20200721	07/21/20	2.03	--	--	--	--	--	--	--	--	--	--	--
	MW09-20201020	10/20/20	0.55	--	--	--	--	--	--	--	--	--	--	--
	MW09-20210128	01/28/21	1.02	--	--	--	--	--	--	--	--	--	--	--
	MW09-20210420	04/20/21	0.56	--	--	--	--	--	--	--	--	--	--	--
	MW09-20210727	07/27/21	0.08	--	--	--	--	--	--	--	--	--	--	--
	MW09-20211013	10/13/21	0.50	--	--	--	--	--	--	--	--	--	--	--
	MW09-20220427	04/27/22	0.25	2.1	72	--	<50	<0.100	--	28	790	<0.22	<0.29	7.5
MW10	MW10-20140910	09/10/14	0.29	<0.050	--	0.1	<0.06	0.048	0.00	37	<0.0005	<0.0005	<0.0005	--
	MW10-20181024	10/24/18	1.05	<0.050	180	--	220	<0.040	220	45	2.80	<0.50	<0.50	6.1
	MW10-20200129	01/29/20	27.5	<0.050	350	--	1700	1.71	1698.29	<5.0	10,000	<22	<29	8.8
	MW10-20200421	04/21/20	1.42	--	--	--	--	--	--	--	--	--	--	--
	MW10-20200721	07/21/20	2.21	--	--	--	--	--	--	--	--	--	--	--
	MW10-20201020	10/20/20	0.19	--	--	--	--	--	--	--	--	--	--	--
	MW10-20210128	01/28/21	0.32	--	--	--	--	--	--	--	--	--	--	--
	MW10-20210420	04/20/21	0.38	<0.050	240	--	680	0.893	679.11	28	1600	<0.22	<0.29	8.4
	MW10-20210727	07/27/21	0.00	--	--	--	--	--	--	--	--	--	--	--
	MW10-20211012	10/12/21	0.38	--	--	--	--	--	--	--	--	--	--	--
	MW10-20220426	04/26/22	0.21	<0.050	260	--	1,200	9.42	--	33	4900	<0.22	<0.29	7.4
MW11	MW11-060206	06/02/06	0.32	2.8	--	0.25	2.80	0.00	2.80	35	<0.01	<0.01	<0.01	--
	MW11-20141007	10/07/14	0.22	<0.050	--	0.019	<0.06	0.89	0.00	50	0.042	<0.003	<0.003	--
MW12	MW12-060206	06/02/06	0.11	<0.15	--	0.11	4.20	0.00	4.20	39	<0.01	<0.01	<0.01	--
	MW12-20181024	10/24/18	1.36	--	--	--	--	--	--	--	--	--	--	--
MW13	MW13-060206	06/02/06	0.11	<0.15	--	0.24	2.20	0.00	2.20	35	<0.01	<0.01	<0.01	--
	MW13-20181024	10/24/18	3.66	--	--	--	--	--	--	--	--	--	--	--
MW14	MW14-060206	06/02/06	0.10	<0.15	--	0.32	1.90	0.00	1.90	34	<0.01	<0.01	<0.01	--
	Monitoring Well Decommissioned													
MW22	MW22-20140910	09/10/14	5.95	4.9	--	<0.011	<0.06	<0.04	0.00	24	<0.0005	<0.0005	<0.0005	--
	MW22-20181024	10/24/18	5.24	--	--	--	--	--	--	--	--	--	--	--
	MW22-20200128	01/28/20	6.02	3.8	<11	--	94	0.101	93.90	22	<0.55	<0.22	<0.29	6.1
	MW22-20200421	04/21/20	8.54	--	--	--	--	--	--	--	--	--	--	--
	MW22-20200721	07/21/20	4.60	--	--	--	--	--	--	--	--	--	--	--
	MW22-20201019	10/19/20	4.80	--	--	--	--	--	--	--	--	--	--	--
	MW22-20210127	01/27/21	5.44	--	--	--	--	--	--	--	--	--	--	--
	MW22-20210420	04/20/21	7.64	2.4	<10	--	<50	<0.100	0.00	13	<0.55	<0.22	<0.29	17
	MW22-20210726	07/26/21	5.13	--	--	--	--	--	--	--	--	--	--	--
	MW22-20211012	10/12/21	5.04	--	--	--	--	--	--	--	--	--	--	--
	MW22-20220426	04/26/22	7.33	--	--	--	--	--	--	--	--	--	--	--
MW29	MW29-20200128	01/28/20	9.90	<0.050	870	--	2,300	0.178	2299.82	37	5.4	<0.22	<0.29	9.9
	MW29-20200421	04/21/20	1.30	--	--	--	--	--	--	--	--	--	--	--
	MW29-20200721	07/21/20	1.45	--	--	--	--	--	--	--	--	--	--	--
	MW29-20201019	10/19/20	14.32	--	--	--	--	--	--	--	--	--	--	--
	MW29-20210128	01/28/21	1.31	--	--	--	--	--	--	--	--	--	--	--
	MW29-20210420	04/20/21	0.59	<0.050	420	--	410	<0.100	410	33	0.86	0.24	0.34	8.5
	MW29-20210726	07/26/21	0.00	--	--	--	--	--	--	--	--	--	--	--
	MW29-20211012	10/12/21	0.10	--	--	--	--	--	--	--	--	--	--	--
	MW29-20220427	04/27/22	0.29	--	--	--	--	--	--	--	--	--	--	--
MW31	MW31-20210420	04/19/21	1.24	--	--	--	--	--	--	--	--	--	--	--
	MW31-20210726	07/26/21	0.10	--	--	--	--	--	--	--	--	--	--	--
	MW31-20210819	08/19/21	0.45	--	--	--	--	--	--	--	--	--	--	--
	MW31-20211011	10/11/21	0.45	--	--	--	--	--	--	--	--	--	--	--
	MW31-20220426	04/26/22	0.26	<0.050	150	--	99	0.129	--	6.9	120	<0.22	6.70	32

NOTES:

[1]Analyzed by field instrument.

[2]Analyzed by EPA Method 353.2.

[3]Analyzed by EPA Method 6010C or 6010D.

[4]Analyzed by EPA SM 3500-Fe B or Field Kit Instrument.

[5]Ferric Iron = Total Iron minus Ferrous Iron. If concentrations of Ferrous Iron are non-detect, Ferric Iron is assumed to be equal to Total Iron.

[6]Analyzed by ASTM D516-07 or D516-11.

[7]Analyzed by EPA Method RSK 175.

[8]Analyzed by EPA SM 4500-Cl E.

-- = not analyzed/not measured

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

EPA = U.S. Environmental Protection Agency

SM = Standard Method

Table 4
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	ORP[1] (mV)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	pH[1]	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
Shallow Zone Wells									
MW01	MW1-060206	06/02/06	198.6	--	--	14.37	6.71	--	--
	MW01-20140910	09/10/14	120	0.371	367.0	19.74	6.61	150	1.5
	MW01-20181024	10/24/18	106	0.437	--	15.04	6.59	--	--
	MW01-20200129	01/29/20	-295.7	0.263	166	7.05	6.43	--	1.1
	MW01-20200421	04/21/20	-24.8	0.263	20.6	12.20	6.52	--	--
	MW01-20200721	07/21/20	226.8	0.246	57	17.85	5.66	--	--
	MW01-20201020	10/20/20	76.3	0.242	13.12	15.74	6.54	--	--
	MW01-20210128	01/28/21	29	0.203	18.52	12.30	5.29	--	--
	MW01-20210420	04/20/21	17.7	0.200	16.40	14.54	6.65	--	<1.0
	MW01-20210727	07/27/21	134.7	0.229	11.17	16.70	7.4	--	--
	MW01-20211012	10/12/21	-50.3	0.291	14.50	16.50	6.97	--	--
	MW01-20220427	04/27/22	47.1	0.227	8.40	13.67	6.65	--	--
MW02	MW02-20181025	10/25/18	106.9	0.517	21.0	15.73	6.99	--	--
	MW02-20200421	04/21/20	4.6	0.617	6.30	12.33	6.97	--	--
	MW02-20200721	07/21/20	-31.5	0.977	5.46	16.65	6.14	--	--
	MW02-20201020	10/20/20	67.1	0.699	4.30	16.56	6.75	--	--
	MW02-20210128	01/28/21	15.8	0.699	2.41	11.73	5.58	--	--
	MW02-20210420	04/20/21	10.4	0.637	2.73	13.25	7.22	--	--
	MW02-20210727	07/27/21	66.8	0.622	3.06	17.10	8.02	--	--
	MW02-20211012	10/12/21	-32.3	0.962	5.30	16.10	7.16	--	--
	MW02-20220427	04/27/22	193.2	0.67	2.85	12.00	7.67	--	--
MW03	MW03-20181025	10/25/18	143.7	0.552	54.6	16.71	7.28	--	--
	MW03-20200129	01/29/20	-33.0	1.143	6.57	12.52	6.83	--	--
	MW03-20200421	04/21/20	-190.1	1.115	7.45	12.43	6.77	--	--
	MW03-20200720	07/20/20	116.5	1.137	6.63	15.93	5.78	--	--
	MW03-20201020	10/20/20	11.1	1.136	4.77	16.50	6.78	--	--
	MW03-20210128	01/28/21	9.7	1.23	1.90	12.95	5.89	--	--
	MW03-20210420	04/20/21	138.2	1.153	3.54	12.87	7.10	--	--
	MW03-20210727	07/27/21	-200.9	1.028	3.39	17.10	7.71	--	--
	MW03-20211012	10/12/21	-76.5	1.89	--	15.99	6.91	--	--
	MW03-20220427	04/27/22	-123.9	1.18	2.26	12.40	7.36	--	--
MW05	MW05-20190207	02/07/19	172.2	0.253	7.7	8.97	6.82	--	--
	MW05-20200128	01/28/20	-351.6	0.583	501	7.84	5.49	--	260
	MW05-20200421	04/21/20	-13.0	0.580	74	12.17	5.25	--	--
	MW05-20200720	07/20/20	158.2	0.424	47	17.70	4.32	--	--
	MW05-20201020	10/20/20	57.1	0.320	589	16.06	5.93	--	--
	MW05-20210128	01/28/21	32.8	0.304	37	12.31	3.48	--	--
	MW05-20210421	04/21/21	161.1	0.474	51	11.91	6.25	--	29
	MW05-20210727	07/27/21	-122.5	0.492	25.5	16.80	6.70	--	--
	MW05-20211013	10/13/21	-146.7	0.420	3233	15.90	6.19	--	--
	MW05-20220427	04/27/22	-59.7	0.459	54.3	12.20	6.54	--	29
MW06	MW06-20190207	02/07/19	118.8	0.458	8.88	13.23	7.93	--	--
	MW06-20200128	01/28/20	-15.6	1.126	12.34	13.56	6.36	--	--
	MW06-20200421	04/21/20	6.1	0.748	6.67	14.10	6.59	--	--
	MW06-20200721	07/21/20	-215.2	0.799	4.47	17.86	6.26	--	--
	MW06-20201020	10/20/20	-44.1	0.620	4.68	16.18	7.28	--	--
	MW06-20210128	01/28/21	-111	0.717	4.16	12.32	7.25	--	--
	MW06-20210420	04/20/21	136.4	0.766	3.80	13.79	7.56	--	--
	MW06-20210727	07/27/21	-134	0.582	4.10	18.09	8.40	--	--
	MW06-20211012	10/12/21	-71.8	0.506	0.77	15.09	7.57	--	--
	MW06-20220426	04/26/22	-87.6	0.730	7.74	12.80	7.15	--	3.8
MW15	MW15-20181022	10/22/18	107.7	0.599	5.39	16.59	6.79	--	2.2
	MW15-20200128	01/28/20	-338.5	0.749	28.7	8.09	6.13	--	22
	MW15-20200421	04/21/20	-249.1	0.628	8.54	12.65	5.83	--	--
	MW15-20200721	07/21/20	216.4	0.763	14.71	16.96	4.06	--	--
	MW15-20201019	10/19/20	123.6	0.575	9.11	17.39	5.74	--	--
	MW15-20210127	01/27/21	60.8	0.696	5.72	12.66	6.75	--	--
	MW15-20210420	04/20/21	66.2	0.672	3.09	13.11	5.98	--	11
	MW15-20210726	07/26/21	-166.6	0.903	15.90	17.80	7.07	--	--
	MW15-20211012	10/12/21	-196.6	0.735	12.10	17.00	6.56	--	--
	MW15-20220426	04/26/22	-10.7	0.818	9.10	11.92	6.53	--	3.8

Table 4
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	ORP[1] (mV)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	pH[1]	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
MW16	MW16-20181022	10/22/18	86	0.485	3.14	16.31	6.7	--	--
MW19	MW19-20181024	10/24/18	126.2	0.770	7.32	16.00	6.99	--	--
MW21	MW21-20181022	10/22/18	79.2	0.528	8.55	16.28	7.81	--	5.4
	MW21-20200129	01/29/20	21.5	0.886	3205	14.65	5.63	--	--
	MW21-20200421	04/21/20	45.0	0.962	21.34	14.48	5.96	--	--
	MW21-20200722	07/22/20	138.2	1.167	29.39	16.01	5.37	--	--
	MW21-20201020	10/20/20	2.9	1.185	23.60	16.30	6.00	--	--
	MW21-20210128	01/28/21	-72.2	1.095	33.20	13.77	6.78	--	--
	MW21-20210420	04/20/21	124.8	0.994	12.20	15.47	6.86	--	--
	MW21-20210727	07/27/21	-113.0	1.440	141.00	17.20	7.36	--	--
	MW21-20211012	10/12/21	-55.9	1.435	6.12	15.68	6.71	--	--
	MW21-20220426	04/26/22	-93.8	1.130	16.50	13.80	6.82	--	23
MW24	MW24-20181024	10/24/18	154.1	0.441	2.88	15.58	7.00	--	--
	MW24-20200129	01/29/20	-429.0	1.989	52.5	7.40	6.92	--	--
	MW24-20200421	04/21/20	-148.4	1.660	75	11.89	6.75	--	--
	MW24-20200721	07/21/20	59.1	1.753	8.52	15.98	6.87	--	--
	MW24-20201019	10/19/20	-86.7	1.744	7.22	15.71	6.47	--	--
	MW24-20210128	01/28/21	34.7	1.056	11.00	11.09	6.05	--	--
	MW24-20210420	04/20/21	-125.6	1.126	16.00	13.05	6.71	--	--
	MW24-20210726	07/26/21	-173.0	1.570	120.00	18.99	7.29	--	--
	MW24-20211012	10/12/21	-260.4	2.227	14.20	15.30	6.88	--	--
	MW24-20220427	04/27/22	-125.1	1.232	10.50	10.90	7.08	--	--
MW25	MW25-20181025	10/25/18	101.8	0.051	369	15.78	7.09	--	--
	MW25-20200128	01/28/20	17.4	0.134	24	11.99	7.43		
	MW25-20200421	04/21/20	Grab Sample Collected						
	MW25-20200721	07/21/20	Grab Sample Collected						
	MW25-20201020	10/20/20	-68.4	0.340	13.22	16.18	6.71	--	--
	MW25-20210128	01/28/21	-96.2	0.452	12.00	11.99	7.57	--	--
	MW25-20210420	04/20/21	146.0	0.427	6.25	12.10	7.85	--	--
	MW25-20210727	07/27/21	-188.0	0.416	82.60	19.59	7.99	--	--
	MW25-20211012	10/12/21	-21.6	0.072	8.68	15.29	6.89	--	--
	MW25-20220426	04/26/22	75.0	0.088	23.20	12.20	6.73	--	--
MW26	MW26-20181022	10/22/18	108.4	0.262	3.89	15.61	7.26	--	--
	MW26-20200128	01/28/20	-202.0	1.244	2.51	7.45	6.74	--	--
	MW26-20200421	04/21/20	164.2	0.843	5.52	11.42	6.70	--	--
	MW26-20200721	07/21/20	194.6	0.540	8.29	16.19	6.60	--	--
	MW26-20201019	10/19/20	180.6	0.299	5.03	16.16	6.27	--	--
	MW26-20210128	01/28/21	125.3	0.297	8.00	11.14	8.62	--	--
	MW26-20210420	04/20/21	74.0	0.227	1.83	11.86	6.58	--	--
	MW26-20210726	07/26/21	104.0	0.323	0.10	19.23	7.35	--	--
	MW26-20211012	10/12/21	-30.4	0.792	3.80	15.70	6.94	--	--
	MW26-20220427	04/27/22	122.2	0.472	0.40	10.75	6.71	--	--
MW27	MW27-20190207	02/07/19	138.5	0.543	93.2	11.87	7.02	--	--
	MW27-20200421	04/21/20	Grab Sample Collected						
	MW27-20200721	07/21/20	Grab Sample Collected						
	MW27-20201020	10/20/20	Grab Sample Collected						
	MW27-20210128	01/28/21	Grab Sample Collected						
	MW27-20210420	04/20/21	202.4	0.776	6.91	12.9	7.0		
	MW27-20210727	07/27/21	Grab Sample Collected						
	MW27-20211012	10/12/21	Grab Sample Collected						
	MW27-20220426	04/26/22	Grab Sample Collected						
MW28	MW28-20200128	01/28/20	-17.20	0.834	4.38	13.29	7.17	--	4.4
	MW28-20200422	04/22/20	70.80	0.913	4.49	12.38	7.14	--	--
	MW28-20200721	07/21/20	-196.0	1.064	3.47	15.50	6.56	--	--
	MW28-20201020	10/20/20	-5.7	0.879	4.99	16.01	7.90	--	--
	MW28-20210128	01/28/21	-20.8	0.835	4.25	13.22	7.33	--	--
	MW28-20210420	04/21/21	154.1	0.883	2.54	12.11	7.40	--	6.0
	MW28-20210727	07/13/21	-167.6	0.854	2.97	16.60	8.21	--	--
	MW28-20211013	10/13/21	-147.9	0.756	1.93	15.30	7.47	--	--
	MW28-20220427	04/27/22	-89.3	0.991	0.40	11.88	7.28	--	4.8
MW30	MW30-20210420	04/19/21	182.8	0.977	3.58	14.31	6.62	--	--
	MW30-20210726	07/26/21	2.9	0.653	2.15	16.70	7.70	--	--
	MW30-20211011	10/11/21	75.5	0.638	3.50	16.60	6.81	--	--
	MW30-20220426	04/26/22	157.0	1.467	0.50	12.51	6.33	--	--

Table 4
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	ORP[1] (mV)	Specific Conductivity[1] (mS/cm)	Turbidity[1] (NTU)	Temperature[1] (°C)	pH[1]	Alkalinity[2] (mg/L $CaCO_3$)	Total Organic Carbon[3] (mg/L)
Deep Zone Wells									
MW07	MW7-060206	06/02/06	20.6	--	--	15.30	7.62	--	--
	MW07-20140910	09/10/14	20.7	0.305	21.9	16.70	7.42	140	<1.0
	Monitoring Well Decommissioned								
MW08	MW08-20140909	09/09/14	21	0.302	40.5	15.98	8.00	130	<1.0
	MW08-20181025	10/25/18	114.9	0.369	5.16	16.17	7.69	--	1.10
	MW08-20200128	01/28/20	-310.7	0.325	10.4	8.78	7.89	--	<1.0
	MW08-20200421	04/21/20	12.9	0.32	5.16	13.18	8.39	--	--
	MW08-20200721	07/21/20	191.1	0.288	5.84	15.22	6.34	--	--
	MW08-20201019	10/19/20	87.0	0.281	12	14.85	7.74	--	--
	MW08-20210127	01/27/21	99.4	0.298	4	13.59	7.36	--	--
	MW08-20210420	04/20/21	55.6	0.278	1.73	13.74	7.62	--	<1.0
	MW08-20210726	07/26/21	-153.8	0.280	2.89	15.40	8.98	--	--
	MW08-20211012	10/12/21	-173.6	0.398	5.60	13.70	7.87	--	--
	MW08-20220426	04/26/22	-15.3	0.313	4.20	12.86	8.03	--	--
MW09	MW09-20140910	09/10/14	-87	0.241	0.98	17.90	7.46	96	<1.0
	MW09-20181024	10/24/18	161.1	0.276	11.90	16.72	7.23	--	<1.0
	MW09-20200129	01/29/20	-54.5	0.276	4.28	14.52	7.26	--	--
	MW09-20200421	04/21/20	-70.7	0.258	5.21	14.02	7.22	--	--
	MW09-20200721	07/21/20	203.5	0.263	7.95	19.31	6.44	--	--
	MW09-20201020	10/20/20	-37.4	0.535	5.31	16.24	9.24	--	--
	MW09-20210128	01/28/21	-15.4	0.274	1.91	14.06	5.59	--	--
	MW09-20210420	04/20/21	184.5	0.268	2.77	15.00	7.55	--	--
	MW09-20210727	07/27/21	3.2	0.260	2.73	18.20	7.72	--	--
	MW09-20211013	10/13/21	-89.1	0.232	2.61	15.40	7.21	--	--
	MW09-20220427	04/27/22	35.4	0.243	2.92	14.90	7.3	--	<1.0
MW10	MW10-20140910	09/10/14	-49	0.331	36.3	16.65	7.89	120	<1.0
	MW10-20181024	10/24/18	102.9	0.356	7.37	16.63	7.96	--	1.00
	MW10-20200129	01/29/20	-69.6	0.322	4.99	14.68	7.04	--	8.6
	MW10-20200422	04/22/20	12.5	0.317	4.33	14.04	7.05	--	--
	MW10-20200722	07/22/20	73.8	0.337	6.37	16.40	6.00	--	--
	MW10-20201020	10/20/20	-47.2	0.298	4.54	15.73	7.48	--	--
	MW10-20210128	01/28/21	-67.5	0.34	3.38	13.17	7.43	--	--
	MW10-20210420	04/20/21	154.6	0.320	2.61	15.76	8.15	--	<1.0
	MW10-20210727	07/27/21	-145	0.370	57.20	17.08	8.00	--	--
	MW10-20211012	10/12/21	-56.8	0.337	--	14.98	7.20	--	--
	MW10-20220426	04/26/22	-101.8	0.244	6.37	14.10	7.43	--	1.7
MW11	MW11-060206	06/02/06	149.2	--	--	13.65	7.15	--	--
	MW11-20141007	10/07/14	-124.5	0.252	40.0	15.00	9.15	110	2.6
MW12	MW12-060206	06/02/06	-91.2	--	--	15.34	7.14	--	--
	MW12-20181024	10/24/18	109.3	0.281	4.2	15.81	7.61	--	--
MW13	MW13-060206	06/02/06	53.1	--	--	14.91	7.4	--	--
	MW13-20181024	10/24/18	175.8	0.246	3.56	15.83	7.37	--	--
MW14	MW14-060206	06/02/06	-103.5	--	--	15.12	7.5	--	--
	Monitoring Well Decommissioned								
MW22	MW22-20140910	09/10/14	179.3	0.28	3.52	16.84	6.78	100	<1.0
	MW22-20181024	10/24/18	177.6	0.249	11.00	14.99	6.74	--	--
	MW22-20200128	01/28/20	-77.8	0.263	6.63	8.38	6.92	--	<1.0
	MW22-20200421	04/21/20	181.0	0.176	5.21	12.16	6.38	--	--
	MW22-20200721	07/21/20	226.2	0.186	6.26	14.85	5.95	--	--
	MW22-20201019	10/19/20	138.0	0.224	3.43	14.42	6.92	--	--
	MW22-20210127	01/27/21	119.1	0.243	3.79	12.66	7.25	--	--
	MW22-20210420	04/20/21	77.9	0.194	1.75	12.75	6.55	--	<1.0
	MW22-20210726	07/26/21	116.0	0.250	0.00	19.66	7.32	--	--
	MW22-20211012	10/12/21	-84.1	0.309	2.30	14.50	7.24	--	--
	MW22-20220426	04/26/22	61.9	0.245	2.00	12.32	6.99	--	--
MW29	MW29-20200128	01/28/20	-7.6	0.277	47.58	14.19	7.38	--	<1.0
	MW29-20200422	04/22/20	68.2	0.249	7.26	12.89	7.52	--	--
	MW29-20200721	07/21/20	183.5	0.235	9.76	17.80	6.40	--	--
	MW29-20201019	10/19/20	149.0	0.232	5.76	14.79	6.68	--	--
	MW29-20210128	01/28/21	-16.6	0.247	1.88	13.42	7.05	--	--
	MW29-20210420	04/20/21	193.2	0.247	7.25	12.90	8.28	--	<1.0
	MW29-20210726	07/26/21	-167.0	0.283	2.10	16.45	8.37	--	--
	MW29-20211012	10/12/21	-221.7	0.337	3.40	15.00	7.75	--	--
	MW29-20220427	04/27/22	-113.0	0.273	0.40	12.37	7.92	--	--

Table 4
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	ORP[(1)] (mV)	Specific Conductivity[(1)] (mS/cm)	Turbidity[(1)] (NTU)	Temperature[(1)] (°C)	pH[(1)]	Alkalinity[(2)] (mg/L $CaCO_3$)	Total Organic Carbon[(3)] (mg/L)
MW31	MW31-20210420	04/19/21	-70.2	0.311	5.83	15.71	7.56	--	--
	MW31-20210726	07/26/21	-182.8	0.310	2.25	16.60	8.19	--	--
	MW31-20210819	08/19/21	-119.7	0.328	4.28	15.90	6.88	--	--
	MW31-20211011	10/11/21	-95.4	0.348	5.30	14.78	7.56	--	--
	MW31-20220426	04/26/22	-250.1	0.371	1.20	13.51	8.49	--	2.1
IW33	IW33-20190312	03/12/19	76.3	0.612	2.75	12.99	8.19	--	--
IW34	IW34-20190312	03/12/19	34.9	0.298	5.76	14.62	8.57	--	--

NOTES:

Data prior to 2006 obtained by Farallon Consulting LLC of Issaquah, Washington.

[(1)]Analyzed by field instrument.

[(2)]Analyzed by EPA SM 2320B.

[(3)]Analyzed by EPA SM 5310B.

-- = not analyzed

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

°C = degrees Celsius

$CaCO_3$ = calcium carbonate

mg/L = milligrams per liter

mS/cm = millisiemens per centimeter

mV = millivolts

NTU = nephelometric turbidity units

ORP = oxidation-reduction potential

SM = Standard Method

Table 5
Groundwater Analytical Results for Volatile Fatty Acids
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well Identification	Sample Identificiation	Sample Date	Analytical Results					
			Lactate[(1)] (mg/L)	Acetate[(1)] (mg/L)	Propionate[(1)] (mg/L)	Formate[(1)] (mg/L)	Butyrate[(1)] (mg/L)	Pyruvate[(1)] (mg/L)
Shallow Zone Wells								
MW01	MW01-20200129	01/29/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW01-20200421	04/21/20	<0.39	**2.3**	<0.31	<0.22	<0.41	<0.69
	MW01-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW02	MW02-20210420	04/20/21						
MW03	MW03-20210420	04/20/21						
MW05	MW05-20200128	01/28/20	<0.39	**297**	**83**	**2.5**	**66**	**12**
	MW05-20200421	04/21/20	<0.39	**67**	**0.75**	<0.22	**4.9**	<0.69
	MW05-20210420	04/21/21	<0.39	**20**	**1.7**	<0.22	<0.41	<0.69
	MW05-20220427	04/27/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW06	MW06-20210420	04/20/21	--	--	--	--	--	--
	MW06-20220426	04/26/22	<0.39	**1.0**	<0.31	**0.37**	<0.41	<0.69
MW15	MW15-20181022	10/22/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW15-20200128	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW15-20200421	04/21/20	<0.39	**2.1**	**0.49**	<0.22	<0.41	<0.69
	MW15-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW15-20220426	04/26/22	<0.39	**0.96**	<0.31	**0.35**	<0.41	<0.69
MW21	MW21-20181022	10/22/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW21-20210420	04/20/21	--	--	--	--	--	--
	MW21-20220426	04/26/22	<0.39	**10.5**	**0.52**	**0.57**	<0.41	<0.69
MW24	MW24-20210420	04/20/21						
MW25	MW25-20210420	04/20/21						
MW26	MW26-20210420	04/20/21						
MW27	MW27-20210420	04/20/21						
MW28	MW28-20200128	02/28/20	**3.2**	<0.54	<0.31	<0.22	<0.41	<0.69
	MW28-20200422	04/22/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW28-20210420	04/21/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW28-20220427	04/27/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW30	MW30-20210420	04/19/21						
Deep Zone Wells								
MW07								
MW08	MW08-20181025	10/25/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW08-20200128	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW08-20200421	04/21/20	<0.39	**268**	**91**	**1.6**	**73**	**16**
	MW08-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW09	MW09-20181024	10/24/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW09-20210420	04/20/21	--	--	--	--	--	--
	MW09-20220427	04/27/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW10	MW10-20181024	10/24/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW10-20200129	01/29/20	<0.39	**0.31**	**0.4**	<0.22	<0.41	<0.69
	MW10-20200422	04/22/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW10-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW10-20220426	04/26/22	<0.39	**1.1**	<0.31	**0.43**	<0.41	<0.69
MW22	MW22-20200128	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW22-20200421	04/21/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW22-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW29	MW29-20201028	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW29-20200422	04/22/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW29-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW31	MW31-20210420	04/19/21	--	--	--	--	--	--
	MW31-20220426	04/26/22	<0.39	**4.9**	<0.31	**0.40**	<0.41	<0.69

NOTES:

Analyses performed by SiREM in Guelph, ON or AmTEST Lab oratories in Kirkland, Washington.

[(1)]Analyzed by Ion Chromatography with Electrical Conductivity Detection.

Laboratory Notes:

[D] The reported value is from a dilution.

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

-- = not measured/ not applicable

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

EPA = US Environmental Protection Agency

mg/L = milligrams per liter

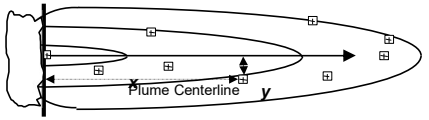
ATTACHMENT A

Temporal Analysis of Groundwater Analytical Results

Shallow Zone

Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	6870 Woodlawn Ave NE Seattle, Wa
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	IW16-P	IW16-T	IW16-D	IW16-V												
Dist from source, x-direction		ft																
Off-centerline dist, y-direction		ft																
Sampling Event	Date sampled	day	Unit of concentration is ug/L															
#1	2/12/20	0			37	180												
#2	5/26/20	104			36	160												
#3	7/20/20	159			33	120												
#4	10/19/20	250			24	73												
#5	1/27/21	350			17	56												
#6	4/19/21	432			17	55												
#7	7/26/21	530			12	42												
#8	10/11/21	607			8.6	35												
#9	4/25/22	803			7.7	29												
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		
Average Concentration			na	N/A	21.4	83.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			NA	NA	37	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			NA	NA	7.7	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

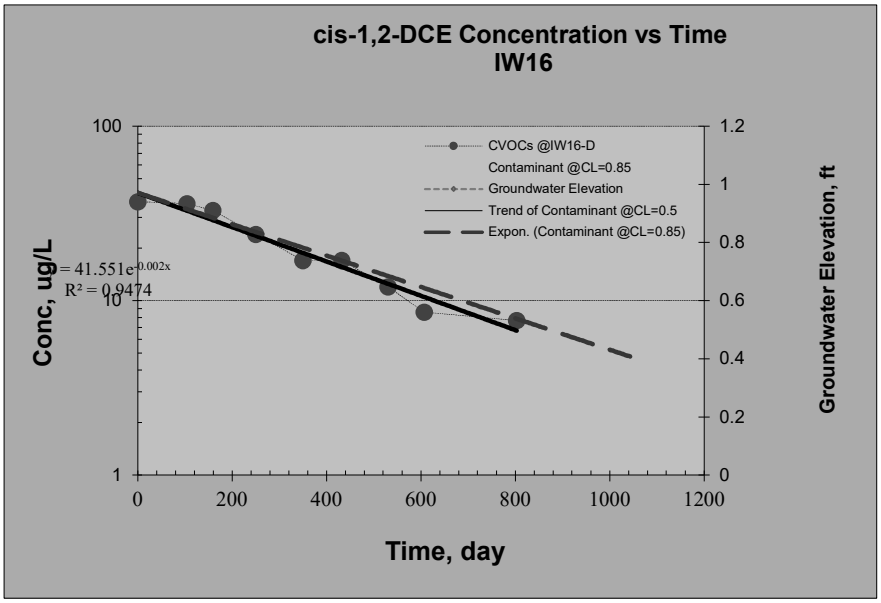
Well Location:																		
Sampling Event	Date sampled	Day																
#1		0																
#2		104																
#3		159																
#4		250																
#5		350																
#6		432																
#7		530																
#8		607																
#9		803																
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		

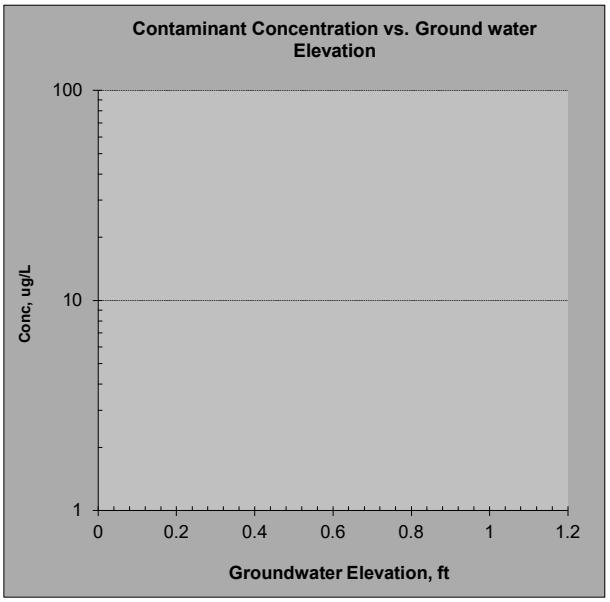
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *0*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

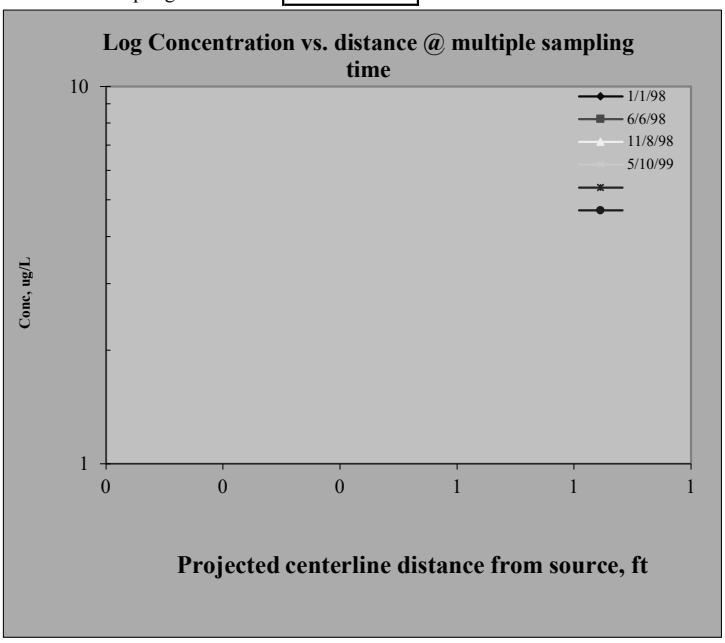
Name of Sampling Well?	**IW16-D**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*100.000%*		
Plume Stability?	Shrinking	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*0.827* @50% C.L.;	*0.756* @85% C.L.	
Half Life for k_{point}, yr	*0.838* @50% C.L.;	*0.917* @85% C.L.	

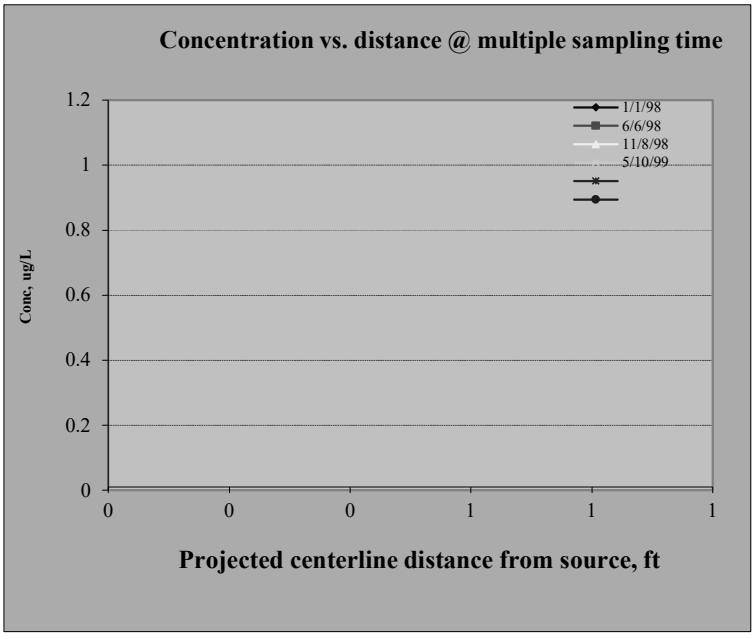




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	



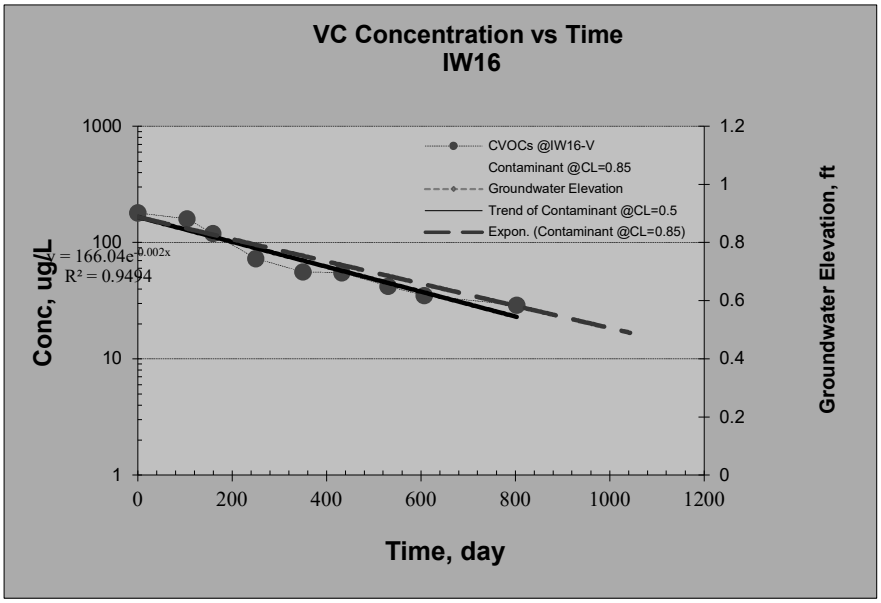


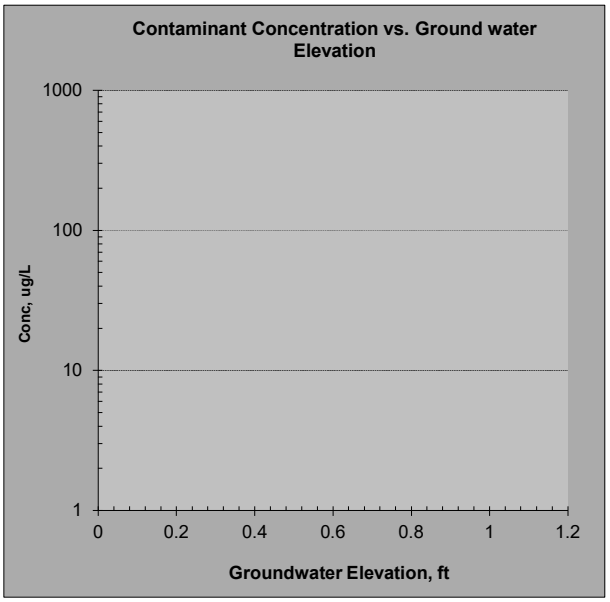
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

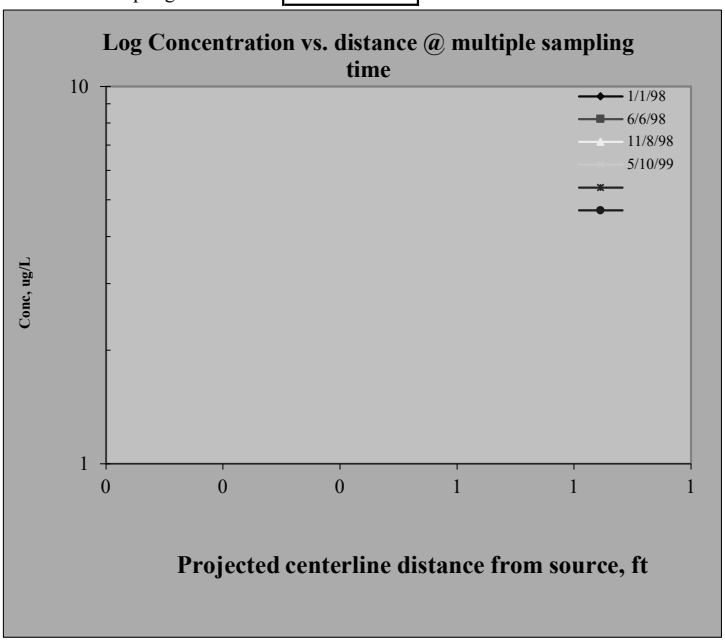
Name of Sampling Well?	**IW16-V**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*99.998%*		
Plume Stability?	Shrinking	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*0.899* @50% C.L.;	*0.802* @85% C.L.	
Half Life for k_{point}, yr	*0.771* @50% C.L.;	*0.864* @85% C.L.	

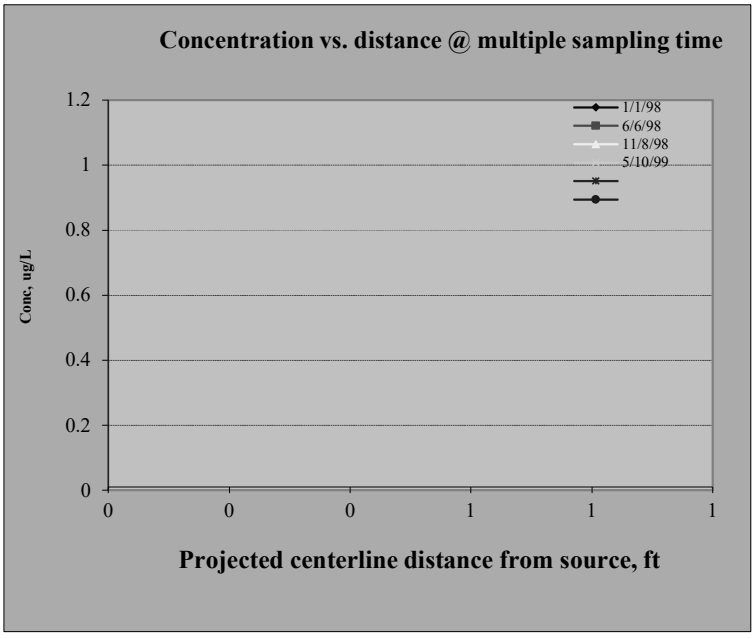




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales Site*
Site Address:	*6870 Woodlawn Ave. NE*
Additional Description:	*CVOCs*

Well (Sampling) Location? **IW21**
Level of Confidence (Decision Criteria)? **85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

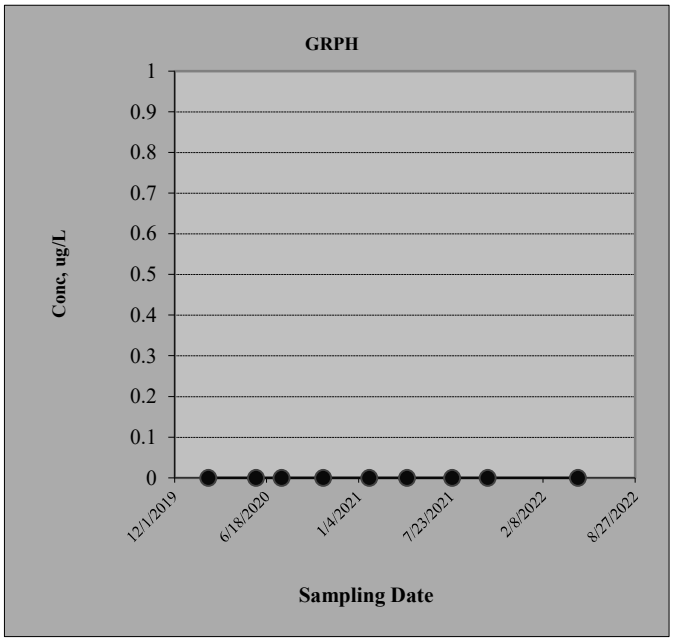
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	cis-1,2-DCE	VC				
#1	2/12/2020	81					
#2	5/26/2020	1					
#3	7/20/2020	6.7					
#4	10/19/2020	4					
#5	1/27/2021	0.4					
#6	4/19/2021	11					
#7	7/26/2021	1.1					
#8	10/11/2021	4.2					
#9	4/25/2022	120					
#10							
#11							
#12							
#13							
#14							
#15							
#16							

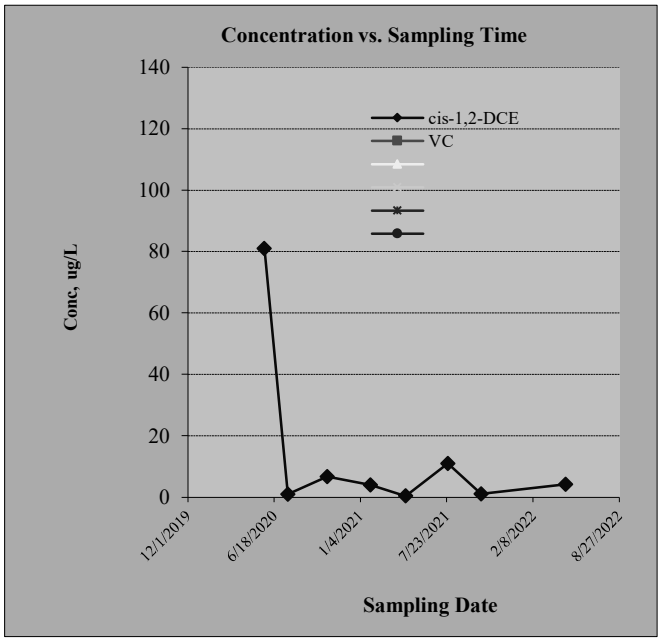
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**cis-1,2-DCE**	**VC**				
Confidence Level Calculated?	61.90%	NA	NA	NA	NA	NA
Plume Stability?	Undetermined	NA	NA	NA	NA	NA
Coefficient of Variation?	CV > 1	n<4	n<4	n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	4	0	0	0	0	0
Number of Sampling Rounds?	9	0	0	0	0	0
Average Concentration?	25.49	NA	NA	NA	NA	NA
Standard Deviation?	43.75	NA	NA	NA	NA	NA
Coefficient of Variation?	1.72	NA	NA	NA	NA	NA
Blank if No Errors found		n<4	n<4	n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

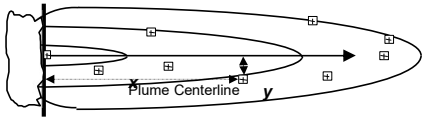
Hazardous substance? **GRPH**
Plume Stability? **#VALUE!**





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	6870 Woodlawn Ave NE Seattle
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	IW21-P	IW21-T	IW21-D	IW21-V											
Dist from source, x-direction		ft															
Off-centerline dist, y-direction		ft															
Sampling Event	Date sampled	day	Unit of concentration is ug/L														
#1	2/12/20	0				1500											
#2	5/26/20	104				330											
#3	7/20/20	159				400											
#4	10/19/20	250				740											
#5	1/27/21	350				87											
#6	4/19/21	432				380											
#7	7/26/21	530				25											
#8	10/11/21	607				50											
#9	4/25/22	803				300											
#10																	
#11																	
#12																	
#13																	
#14																	
#15																	
#16																	
#17																	
#18																	
#19																	
#20																	
Average Concentration			na	N/A	N/A	423.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			NA	NA	NA	1500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			NA	NA	NA	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

Well Location:																		
Sampling Event	Date sampled	Day																
#1		0																
#2		104																
#3		159																
#4		250																
#5		350																
#6		432																
#7		530																
#8		607																
#9		803																
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		

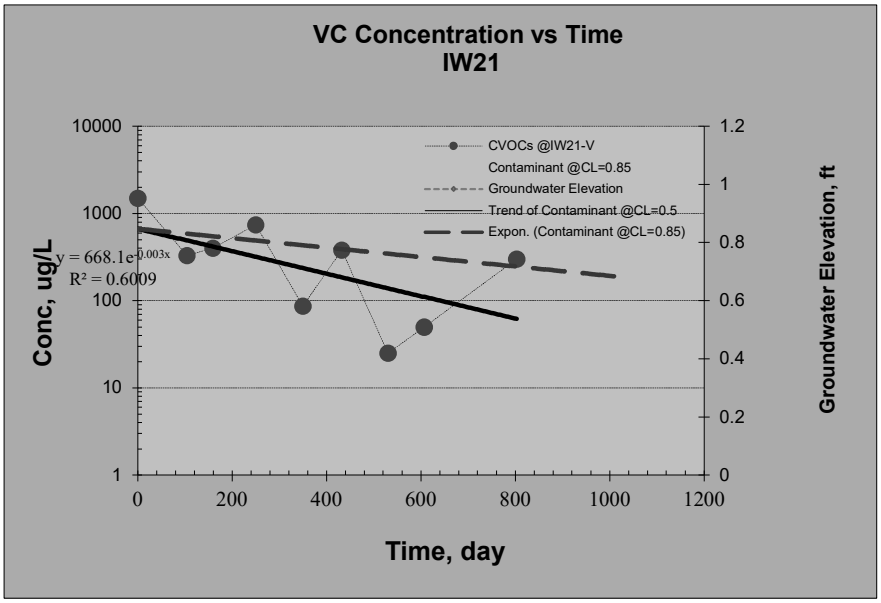
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

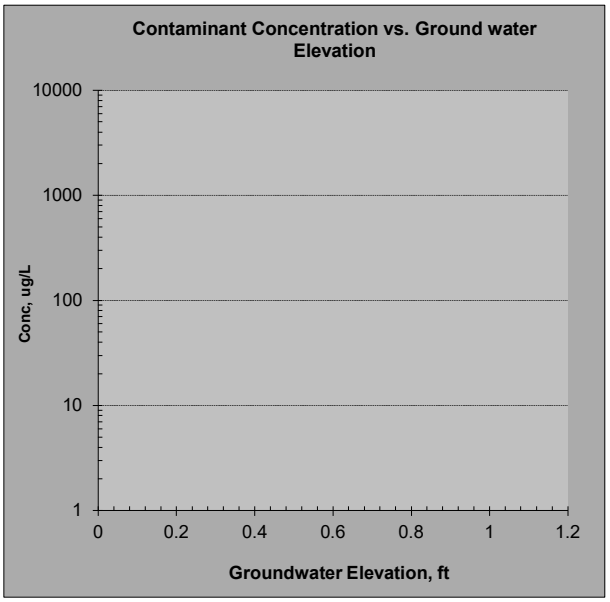
Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**IW21-V**	Confidence Level (Decision Criteria)?	85.0%

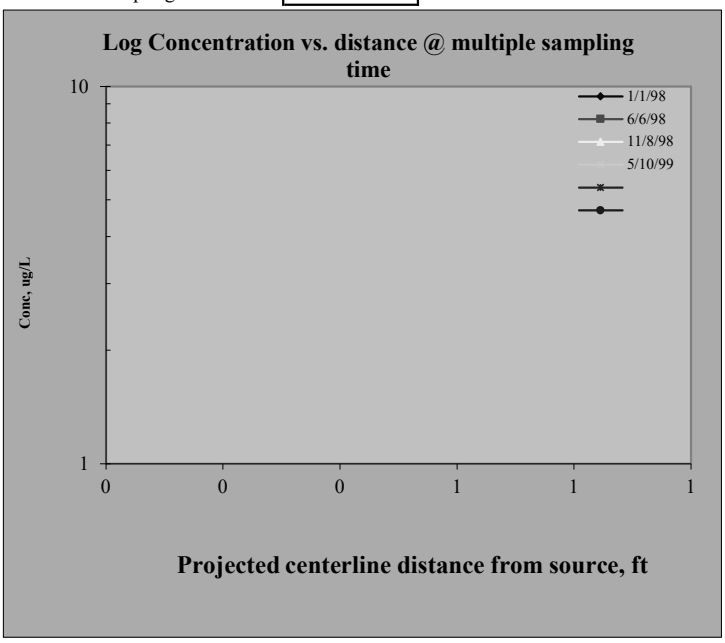
Confidence Level calculated with log-linear regression is?	*90.200%*	
Plume Stability?	Shrinking	; Decision Criteria is 85%.
Slope: Point decay rate constant (k_{point}), yr^{-1}	*1.082* @50% C.L.;	*0.454* @85% C.L.
Half Life for k_{point}, yr	*0.641* @50% C.L.;	*1.528* @85% C.L.

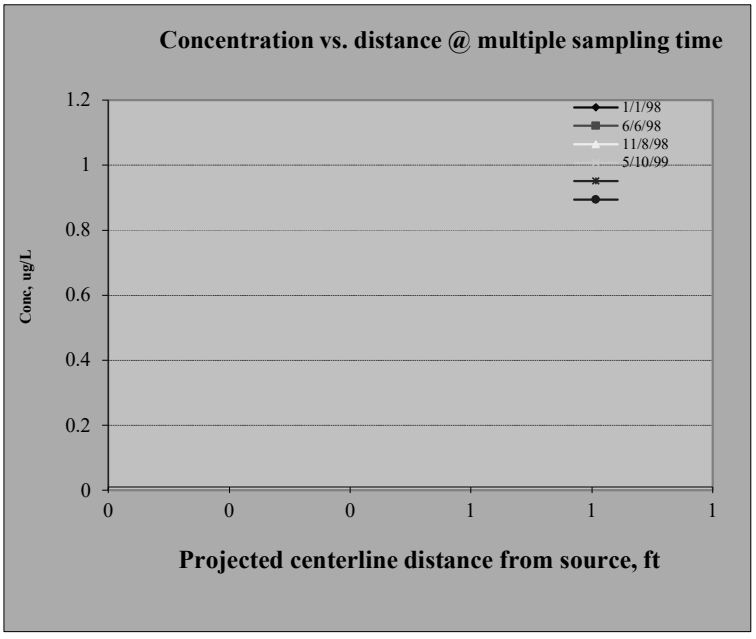




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

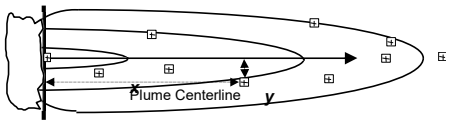
Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	6870 Woodlawn Ave NE Seattle
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	IW59 D	IW59 V														
Dist from source, x-direction		ft																
Off-centerline dist, y-direction		ft																
Sampling Event	Date sampled	day	Unit of concentration is ug/L															
#1	2/12/20	0	1	0.24														
#2	5/26/20	104	1.4	3														
#3	7/20/20	159	2.3	6.9														
#4	10/19/20	250	5	15														
#5	1/27/21	350	11	41														
#6	4/19/21	432	42	79														
#7	7/26/21	530	61	87														
#8	10/11/21	607	94	130														
#9	4/25/22	803	140	160														
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		
Average Concentration			39.7	58.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			140	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			1	0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

Well Location:																			
Sampling Event	Date sampled	Day																	
#1		0																	
#2		104																	
#3		159																	
#4		250																	
#5		350																	
#6		432																	
#7		530																	
#8		607																	
#9		803																	
#10																			
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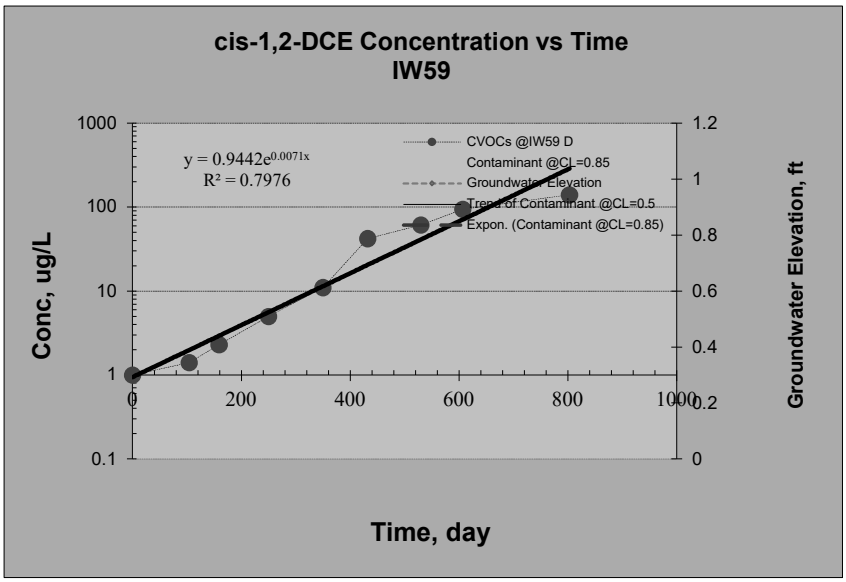
#15																			
#16																			
#17																			
#18																			
#19																			
#20																			

Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

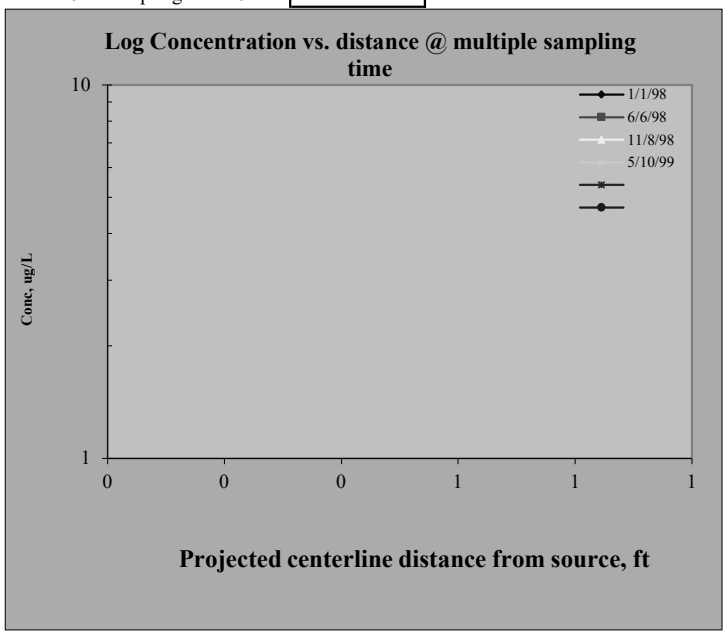
1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

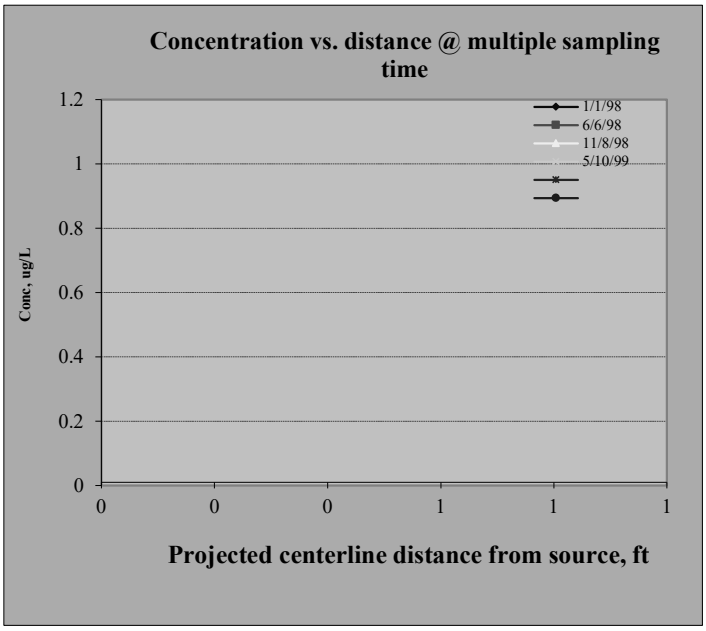
Name of Sampling Well?	**IW59 D**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*99.999%*		
Plume Stability?	Expanding	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.	



2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	



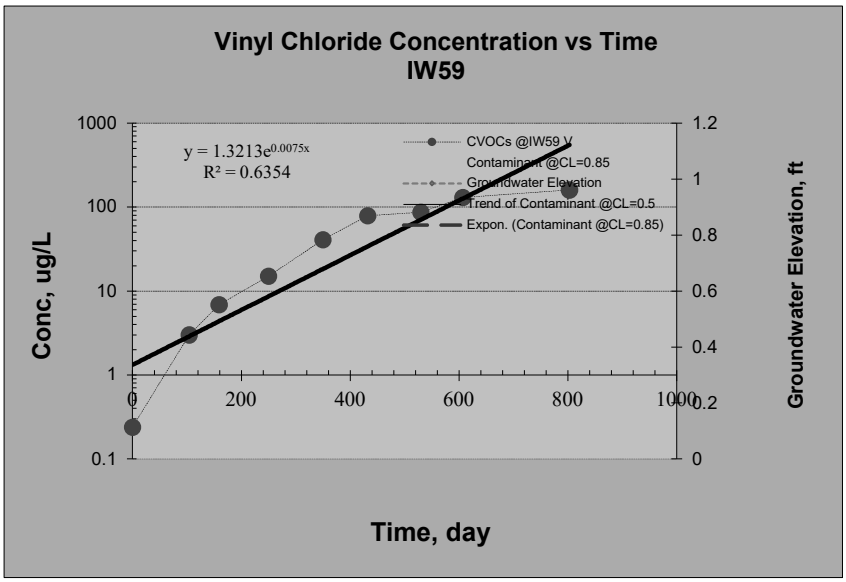


Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

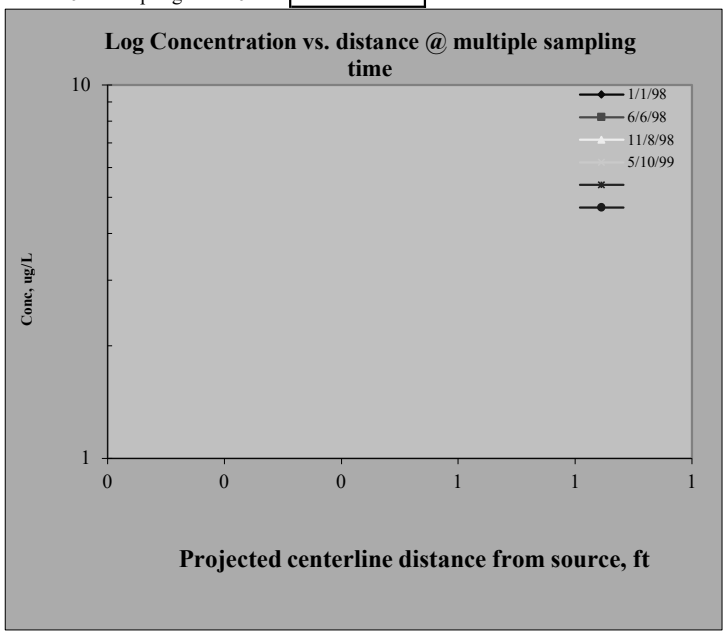
1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

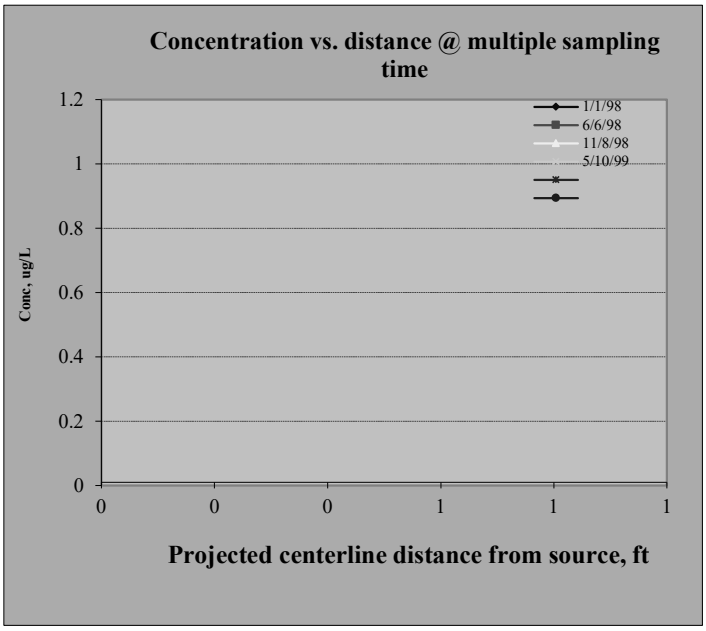
Name of Sampling Well?	**IW59 V**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*99.933%*		
Plume Stability?	Expanding	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.	



2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales Site*
Site Address:	*6870 Woodlawn Ave. NE*
Additional Description:	*CVOCs*

Well (Sampling) Location? **MW03**
Level of Confidence (Decision Criteria)? **85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

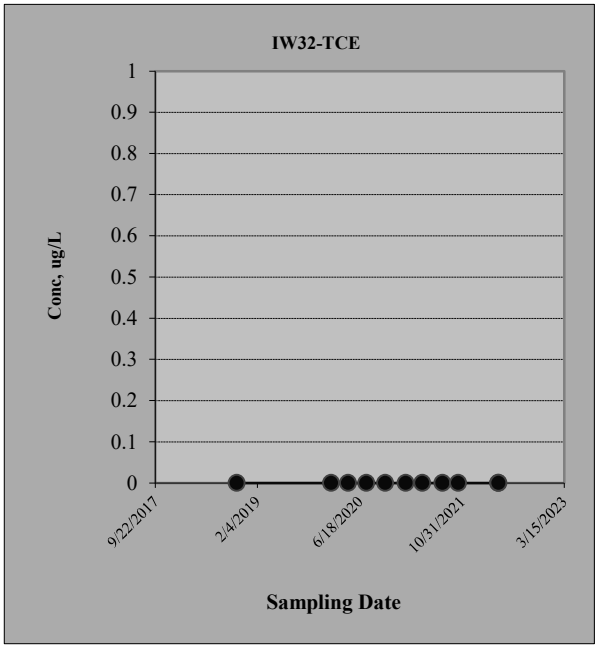
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	VC					
#1	10/25/2018	0.2					
#2	1/29/2020	16					
#3	4/21/2020	7.4					
#4	7/20/2020	13					
#5	10/20/2020	7.3					
#6	1/28/2021	4.2					
#7	4/20/2021	3.4					
#8	7/27/2021	2.1					
#9	10/12/2021	1.8					
#10	4/25/2022	2.7					
#11	4/27/2022	2.6					
#12							
#13							
#14							
#15							
#16							

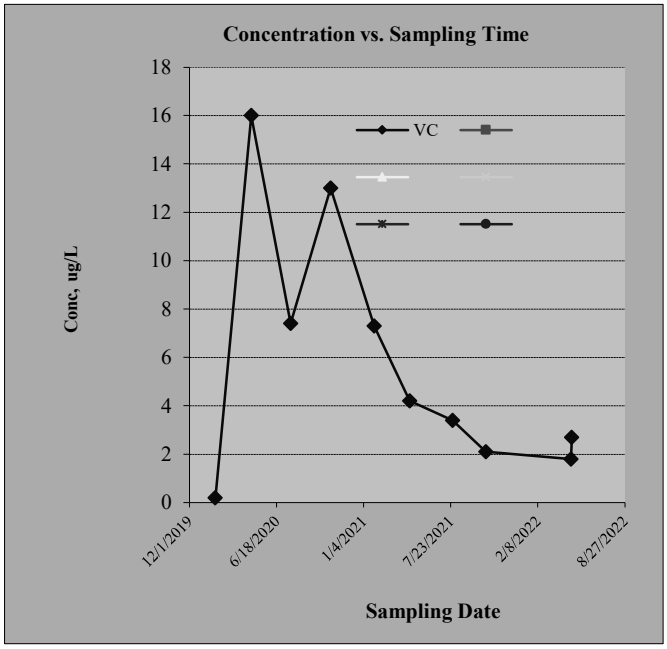
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**VC**					
Confidence Level Calculated?	97.00%	NA	NA	NA	NA	NA
Plume Stability?	Shrinking	NA	NA	NA	NA	NA
Coefficient of Variation?		n<4	n<4	n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	-25	0	0	0	0	0
Number of Sampling Rounds?	11	0	0	0	0	0
Average Concentration?	5.52	NA	NA	NA	NA	NA
Standard Deviation?	4.99	NA	NA	NA	NA	NA
Coefficient of Variation?	0.90	NA	NA	NA	NA	NA
Blank if No Errors found		n<4	n<4	n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? **IW32-TCE**
Plume Stability? **#VALUE!**





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales Site*
Site Address:	*6870 Woodlawn Ave. NE*
Additional Description:	*CVOCs*

Well (Sampling) Location? **MW05**
Level of Confidence (Decision Criteria)? **85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

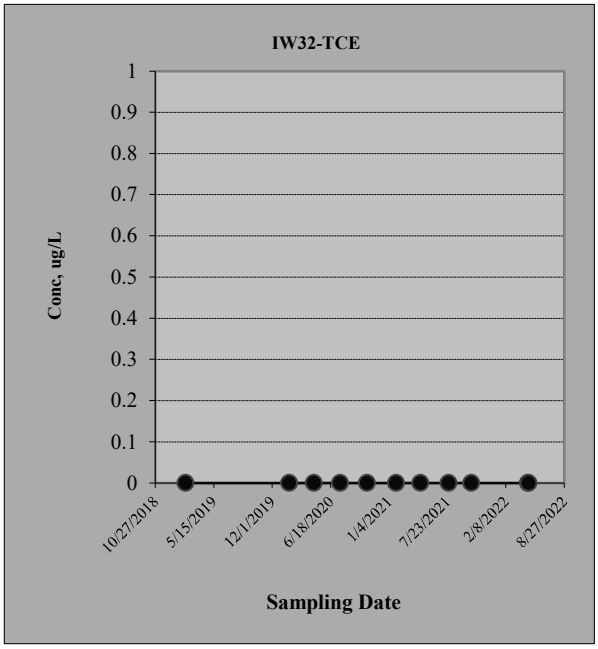
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	MW05 DCE	MW05 VC				
#1	2/7/2019	1.7	0.1				
#2	1/28/2020	130	10				
#3	4/21/2020	170	29				
#4	7/20/2020	220	56				
#5	10/20/2020	200	83				
#6	1/28/2021	69	92				
#7	4/21/2021	45	60				
#8	7/27/2021	28	62				
#9	10/13/2021	10	56				
#10	4/25/2022	3.5	31				
#11	4/27/2022	0.81	3.4				
#12							
#13							
#14							
#15							
#16							

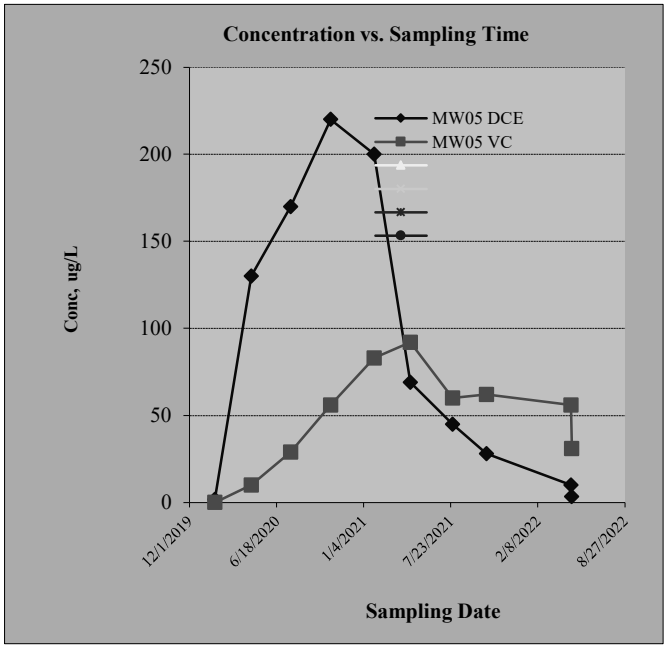
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**MW05 DCE**	**MW05 VC**				
Confidence Level Calculated?	98.00%	67.60%	NA	NA	NA	NA
Plume Stability?	Shrinking	Stable	NA	NA	NA	NA
Coefficient of Variation?		CV <= 1	n<4	n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	-27	8	0	0	0	0
Number of Sampling Rounds?	11	11	0	0	0	0
Average Concentration?	79.82	43.86	NA	NA	NA	NA
Standard Deviation?	84.74	31.33	NA	NA	NA	NA
Coefficient of Variation?	1.06	0.71	NA	NA	NA	NA
Blank if No Errors found			n<4	n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? **IW32-TCE**
Plume Stability? **#VALUE!**





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name: Plastic Sales and Service
Site Address: 6870 Woodlawn Ave NE
Additional Description:

Well (Sampling) Location? MW06
Level of Confidence (Decision Criteria)? 85%

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

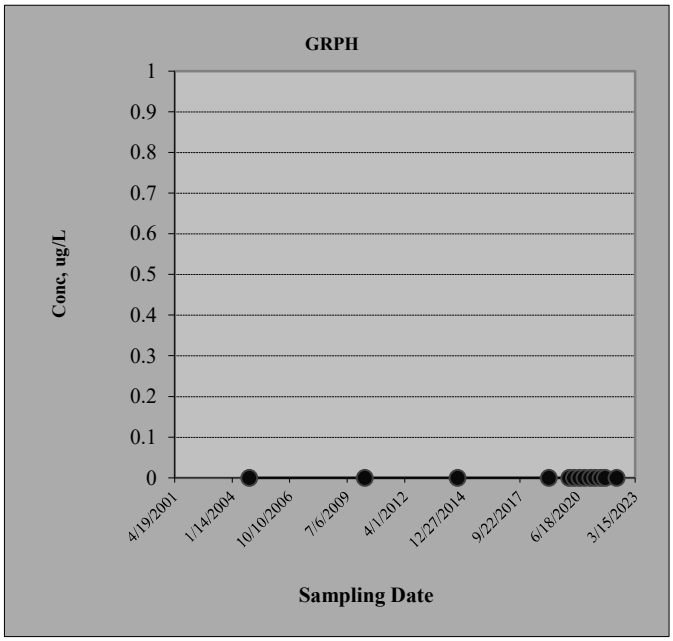
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	PCE	TCE	DCE	VC		
#1	11/8/2004	29	18	11	6		
#2	5/4/2010	4100	330	440	110		
#3	10/7/2014	10000	450	320	72		
#4	2/7/2019	1800	510	600	170		
#5	1/28/2020	38	130	210	33		
#6	4/21/2020	1.2	8.7	42	26		
#7	7/21/2020	1.1	10	32	25		
#8	10/20/2020	1.7	29	63	36		
#9	1/28/2021	2.4	30	74	59		
#10	4/20/2021	1.6	27	120	160		
#11	7/27/2021	0.93	8.8	14	10		
#12	10/12/2021	0.33	2	18	14		
#13	4/26/2022	11	27	20	13		
#14							
#15							
#16							

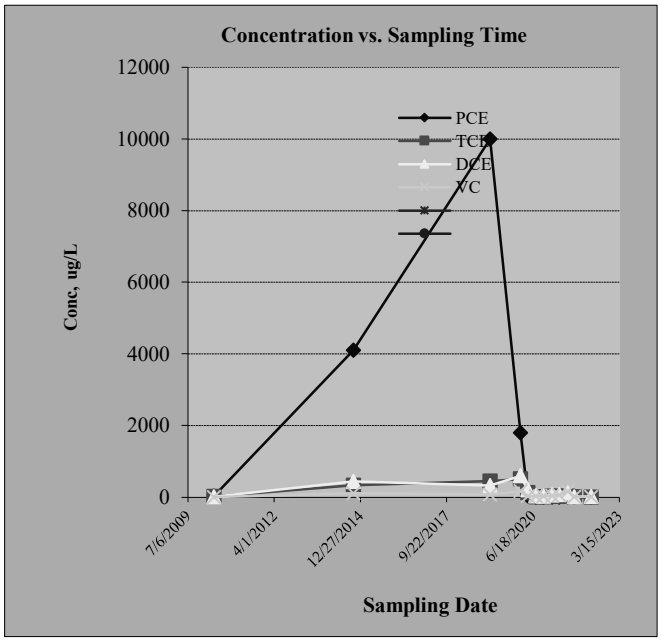
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	PCE	TCE	DCE	VC		
Confidence Level Calculated?	99.30%	95.00%	93.60%	84.70%	NA	NA
Plume Stability?	Shrinking	Shrinking	Shrinking	Stable	NA	NA
Coefficient of Variation?				CV <= 1	n<4	n<4
Mann-Kendall Statistic "S" value?	-40	-29	-26	-18	0	0
Number of Sampling Rounds?	13	13	13	13	0	0
Average Concentration?	1229.79	121.58	151.08	56.46	NA	NA
Standard Deviation?	2892.40	182.58	189.53	56.28	NA	NA
Coefficient of Variation?	2.35	1.50	1.25	1.00	NA	NA
Blank if No Errors found					n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? GRPH
Plume Stability? #VALUE!





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales and Services*
Site Address:	*6870 Woodlawn Ave N, Seattle, WA*
Additional Description:	*Demo NA site*

Well (Sampling) Location?	**MW24**
Level of Confidence (Decision Criteria)?	**85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	VC					
#1	3/28/2008	1.0					
#2	11/20/2008	1.0					
#3	3/4/2009	1.0					
#4	5/5/2010	0.10					
#5	9/10/2014	0.10					
#6	10/24/2018	0.10					
#7	1/29/2020	0.10					
#8	4/21/2020	0.10					
#9	7/21/2020	**0.25**					
#10	10/19/2020	**0.43**					
#11	1/28/2021	0.10					
#12	4/20/2021	**0.30**					
#13	7/26/2021	**0.49**					
#14	10/12/2021	**0.65**					
#15	4/27/2022	**0.64**					
#16							

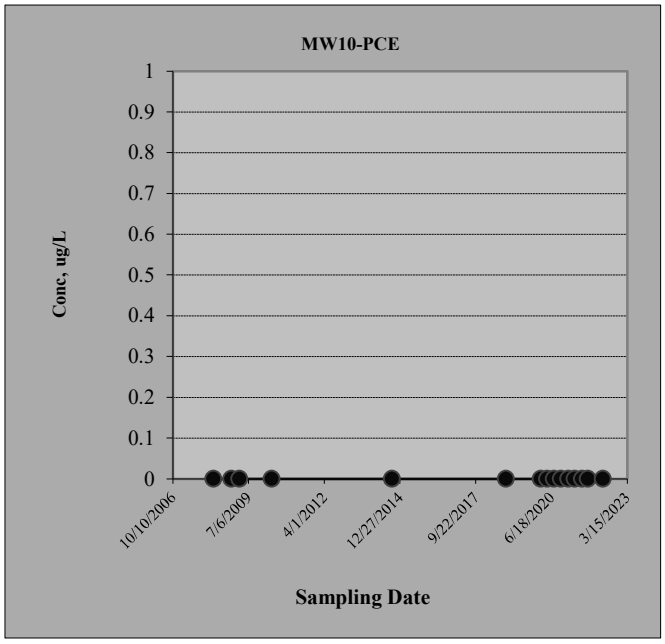
2. Mann-Kendall Non-parametric Statistical Test Results

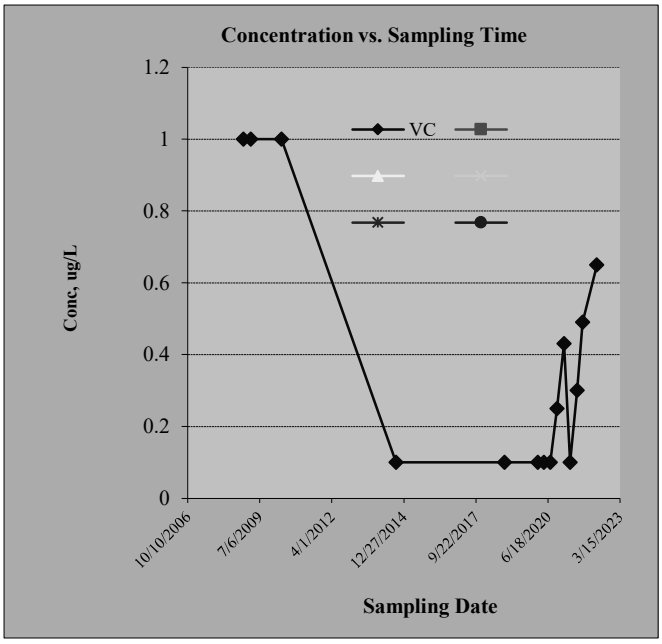
Hazardous Substance?	**VC**					
Confidence Level Calculated?	61.50%	NA	NA	NA	NA	NA
Plume Stability?	Stable	NA	NA	NA	NA	NA
Coefficient of Variation?	CV <= 1	n<4	n<4	n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	7	0	0	0	0	0
Number of Sampling Rounds?	15	0	0	0	0	0
Average Concentration?	0.42	NA	NA	NA	NA	NA
Standard Deviation?	0.36	NA	NA	NA	NA	NA
Coefficient of Variation?	0.84	NA	NA	NA	NA	NA
Blank if No Errors found		n<4	n<4	n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? **MW10-PCE**

Plume Stability? **#VALUE!**





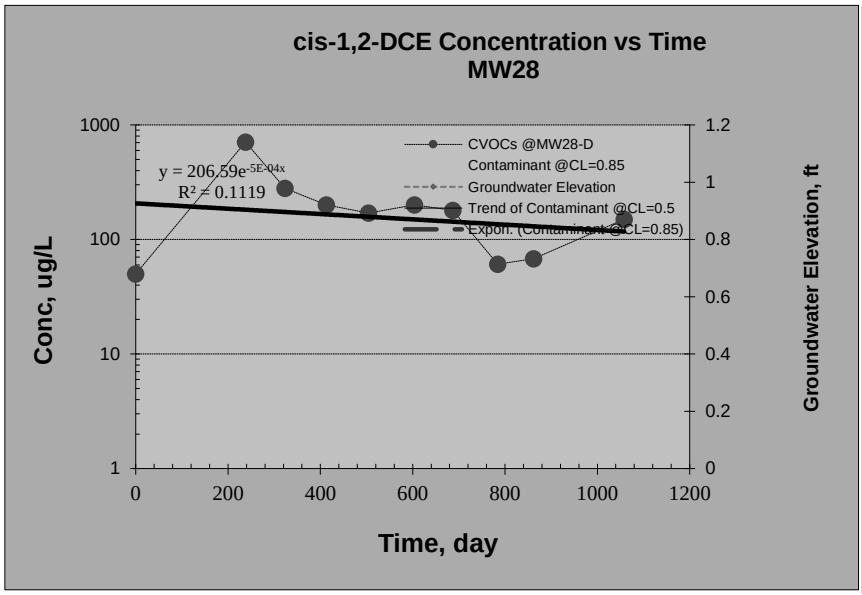
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

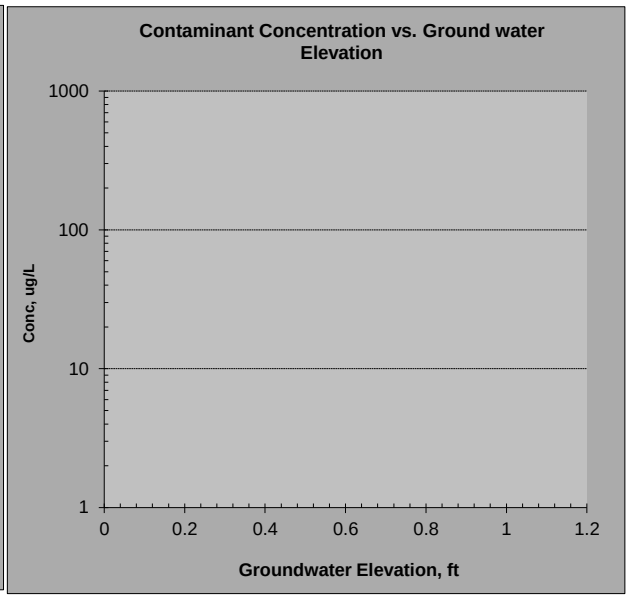
Site Name: *Plastic Sales and Service*
Site Address: *0*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**MW28-D**	Confidence Level (Decision Criteria)?	85.0%

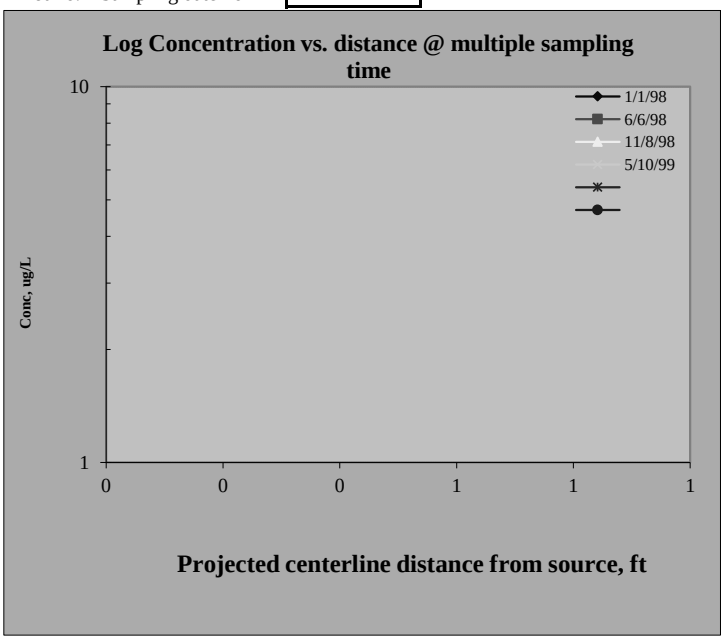
Confidence Level calculated with log-linear regression is?	*44.718%*	
Plume Stability?	Stable	; Decision Criteria is 85%.
Slope: Point decay rate constant (k_{point}), yr^{-1}	*0.195* @50% C.L.;	*NA* @85% C.L.
Half Life for k_{point}, yr	*3.549* @50% C.L.;	*NA* @85% C.L.

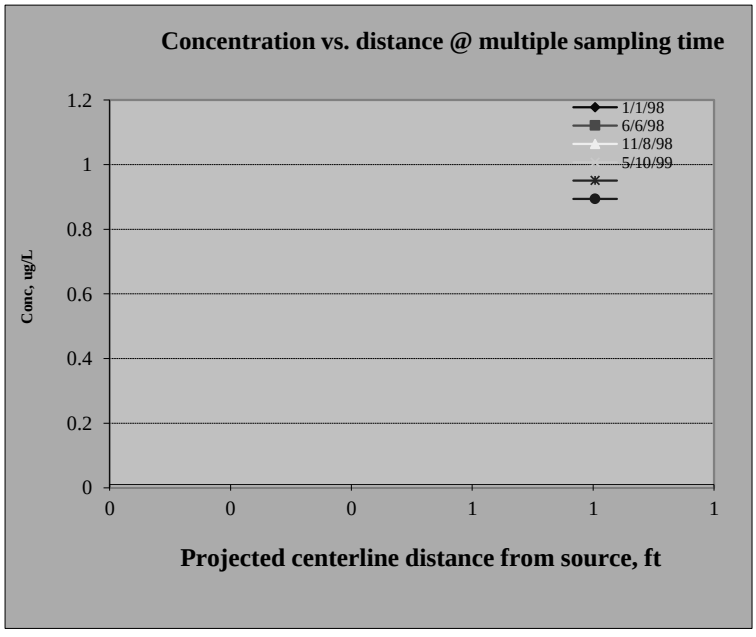




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





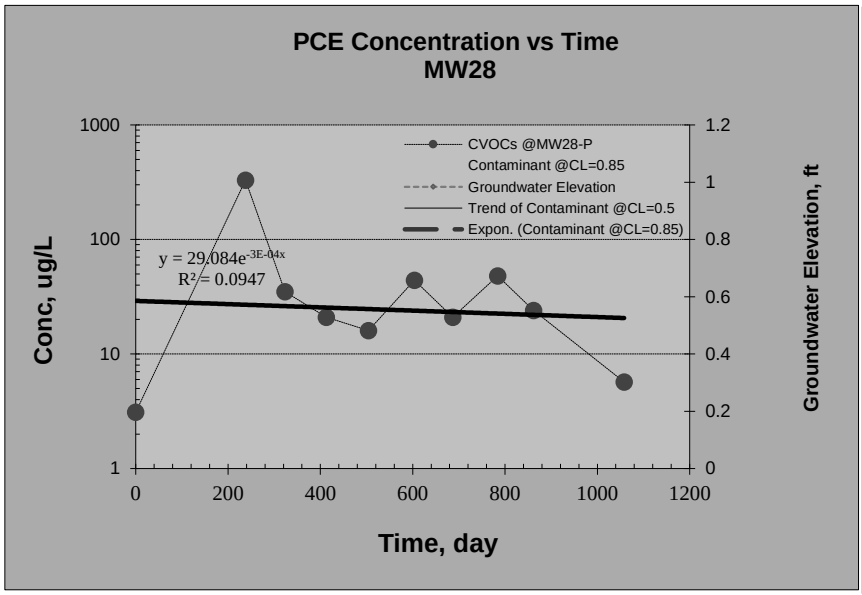
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

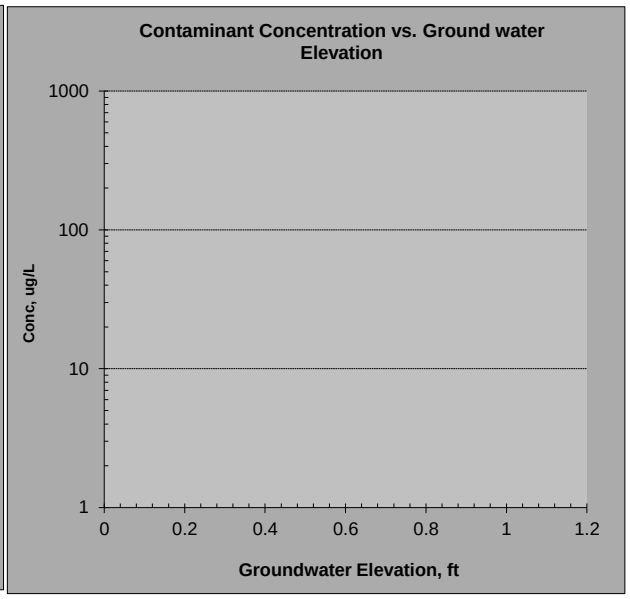
Site Name: *Plastic Sales and Service*
Site Address: *0*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**MW28-P**	Confidence Level (Decision Criteria)?	85.0%

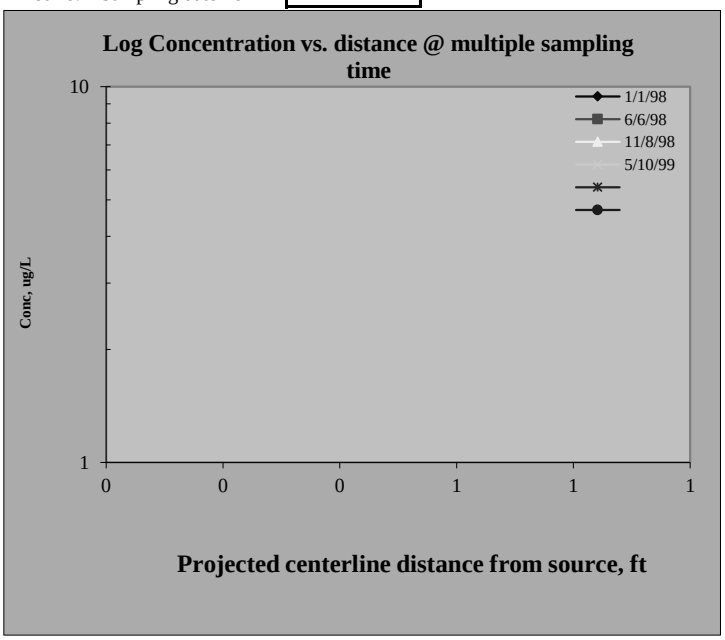
Confidence Level calculated with log-linear regression is?	*17.765%*	
Plume Stability?	UD	; Decision Criteria is 85%.
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.

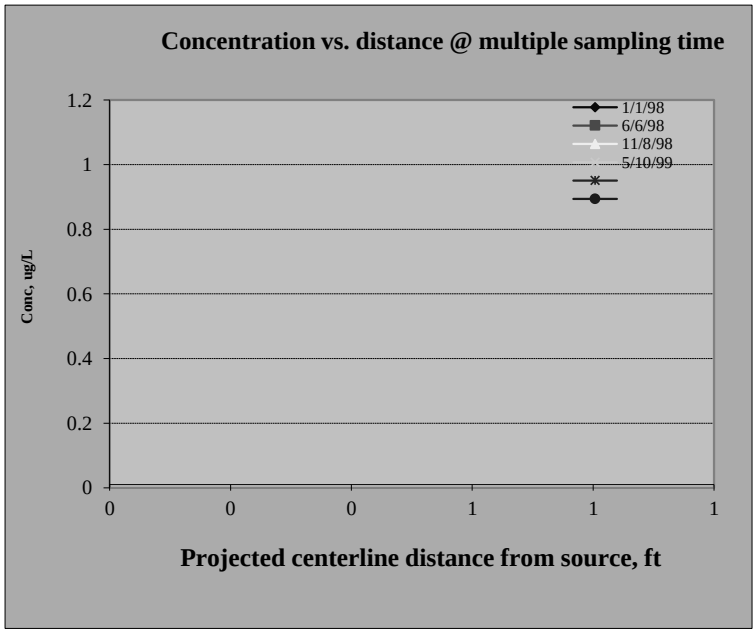




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





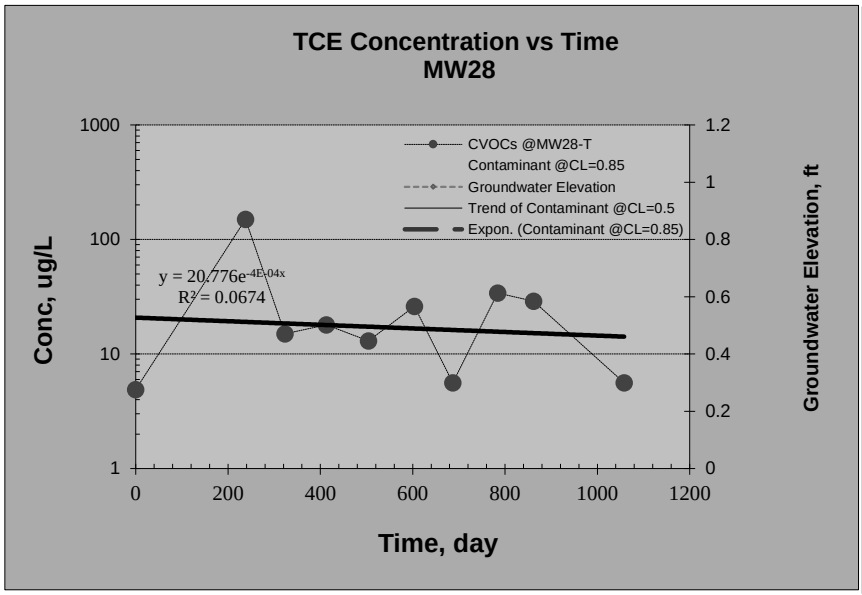
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

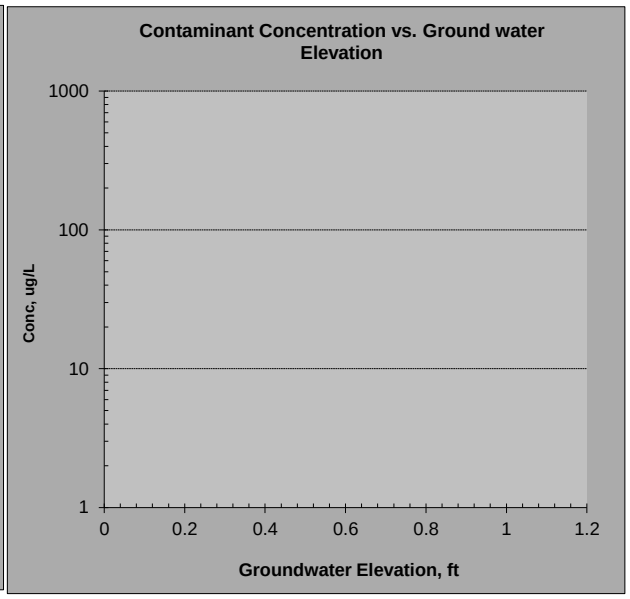
Site Name: *Plastic Sales and Service*
Site Address: *0*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**MW28-T**	Confidence Level (Decision Criteria)?	85.0%

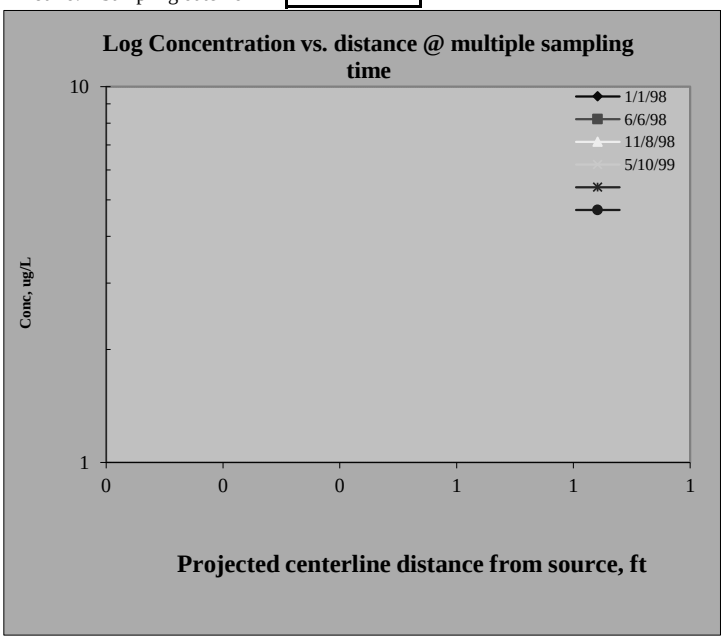
Confidence Level calculated with log-linear regression is?	*23.728%*	
Plume Stability?	UD	; Decision Criteria is 85%.
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.

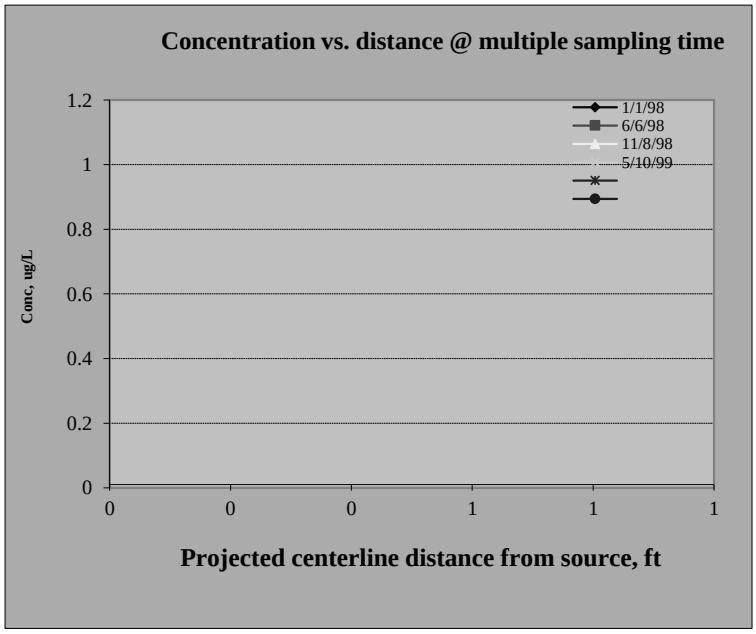




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





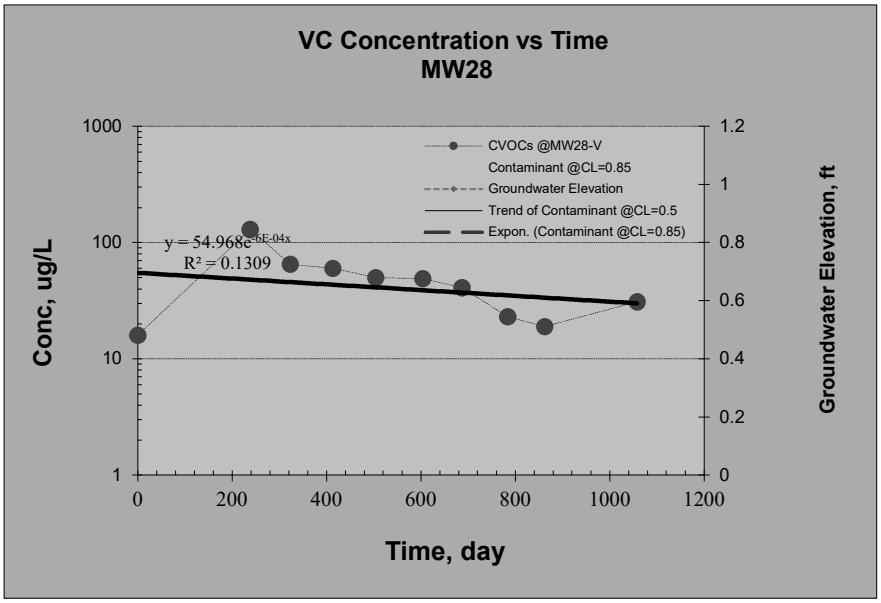
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

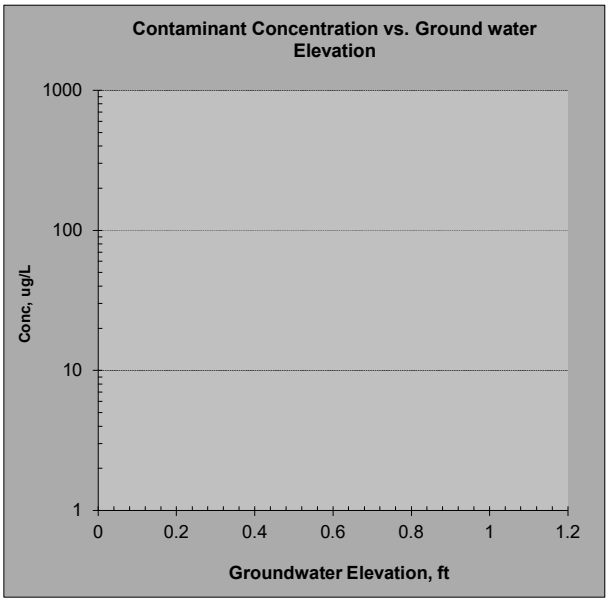
Site Name: *Plastic Sales and Service*
Site Address: *6870 Woodlawn Ave NE, Seattle, WA*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**MW28-V**	Confidence Level (Decision Criteria)?	85.0%

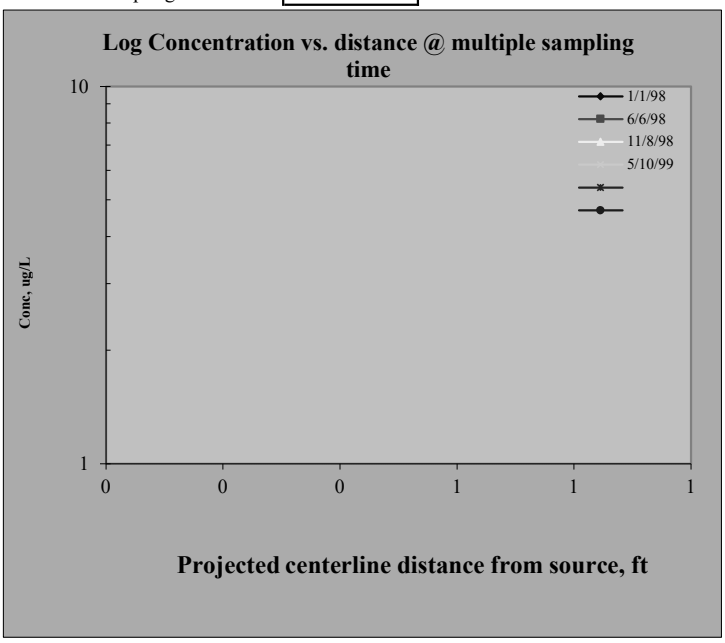
Confidence Level calculated with log-linear regression is?	*57.444%*	
Plume Stability?	Stable	; Decision Criteria is 85%.
Slope: Point decay rate constant (k_{point}), yr^{-1}	*0.209* @50% C.L.;	*NA* @85% C.L.
Half Life for k_{point}, yr	*3.323* @50% C.L.;	*NA* @85% C.L.

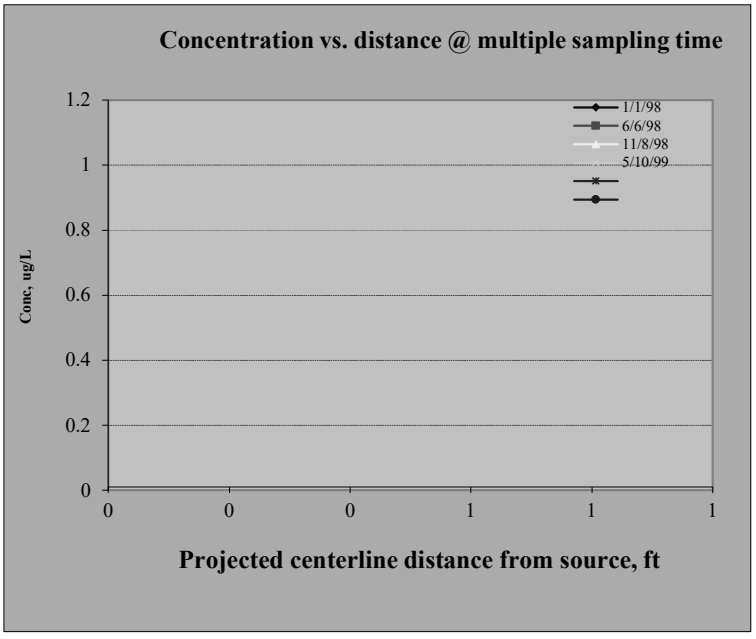




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

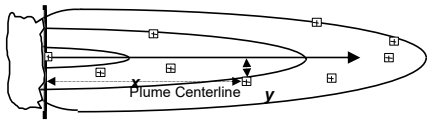
Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	*6870 Woodlawn Ave N, Seattle, WA*
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	MW28-P	MW28-T	MW28-D	MW28-V												
Dist from source, x-direction		ft																
Off-centerline dist, y-direction		ft																
Sampling Event	Date sampled	day	Unit of concentration is ug/L															
#1	6/4/19	0	3.1	4.9	50	16												
#2	1/28/20	238	330	150	710	130												
#3	4/22/20	323	35	15	280	65												
#4	7/21/20	413	21	18	200	60												
#5	10/20/20	504	16	13	170	50												
#6	1/28/21	604	44	26	200	49												
#7	4/21/21	687	21	5.6	180	41												
#8	7/27/21	784	48	34	61	23												
#9	10/13/21	862	24	29	68	19												
#10	4/27/22	1058	5.7	5.6	150	31												
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		
Average Concentration			54.8	30.1	206.9	48.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			330	150	710	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			3.1	4.9	50	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

Well Location:																		
Sampling Event	Date sampled	Day																
#1		0																
#2		238																
#3		323																
#4		413																
#5		504																
#6		604																
#7		687																
#8		784																
#9		862																
#10		1058																
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		

Deep Zone

Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales and Servies*
Site Address:	*6870 Woodlawn Ave NE*
Additional Description:	*CVOC*

Well (Sampling) Location?	**IW07**
Level of Confidence (Decision Criteria)?	**85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	VC					
#1	2/12/2020	0.1					
#2	5/26/2020	0.1					
#3	7/20/2020	0.1					
#4	10/19/2020	0.1					
#5	1/27/2021	0.23					
#6	4/19/2021	0.32					
#7	7/26/2021	0.32					
#8	10/11/2021	0.32					
#9	4/25/2022	0.44					
#10							
#11							
#12							
#13							
#14							
#15							
#16							

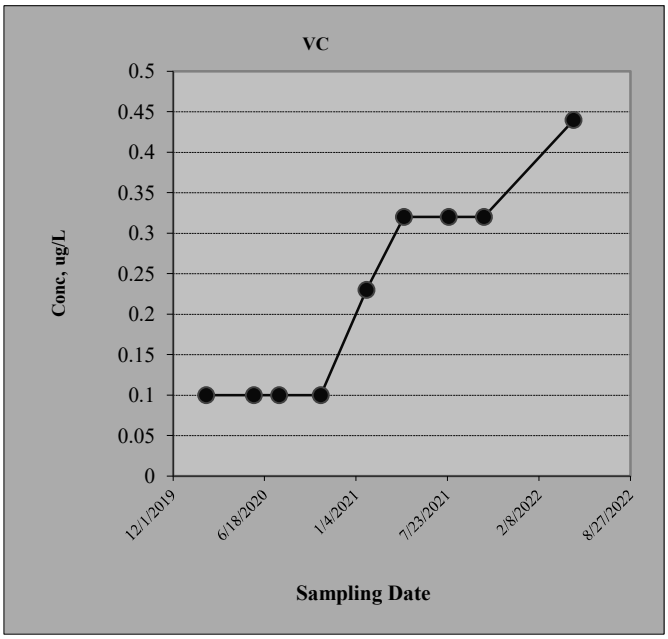
2. Mann-Kendall Non-parametric Statistical Test Results

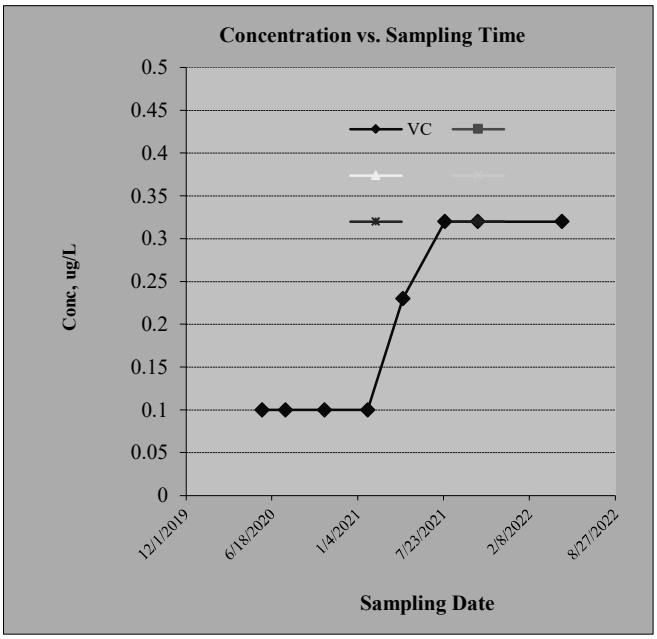
Hazardous Substance?	**VC**					
Confidence Level Calculated?	99.70%	NA	NA	NA	NA	NA
Plume Stability?	***Expanding***	NA	NA	NA	NA	NA
Coefficient of Variation?		n<4	n<4	n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	27	0	0	0	0	0
Number of Sampling Rounds?	9	0	0	0	0	0
Average Concentration?	0.23	NA	NA	NA	NA	NA
Standard Deviation?	0.13	NA	NA	NA	NA	NA
Coefficient of Variation?	0.58	NA	NA	NA	NA	NA
Blank if No Errors found		n<4	n<4	n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? **VC**

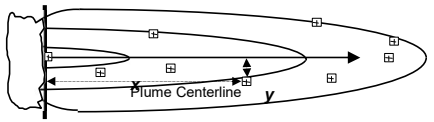
Plume Stability? **Expanding**





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	6870 Woodlawn Ave NE Seattle, Wa
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	IW15-P	IW15-T	IW15-D	IW15-V												
Dist from source, x-direction		ft																
Off-centerline dist, y-direction		ft																
Sampling Event	Date sampled	day	Unit of concentration is ug/L															
#1	2/12/20	0			3.3	0.58												
#2	5/26/20	104			18	11												
#3	7/20/20	159			28	19												
#4	10/19/20	250			27	20												
#5	1/27/21	350			40	28												
#6	4/19/21	432			69	37												
#7	7/26/21	530			49	24												
#8	10/11/21	607			35	14												
#9	4/25/22	803			57	19												
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		
Average Concentration			na	N/A	36.3	19.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			NA	NA	69	37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			NA	NA	3.3	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

Well Location:																		
Sampling Event	Date sampled	Day																
#1		0																
#2		104																
#3		159																
#4		250																
#5		350																
#6		432																
#7		530																
#8		607																
#9		803																
#10																		
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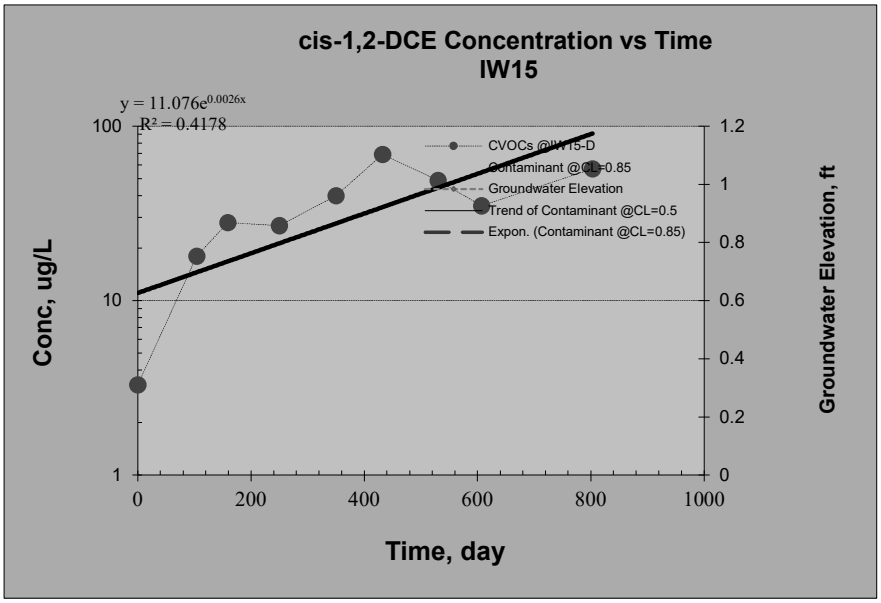
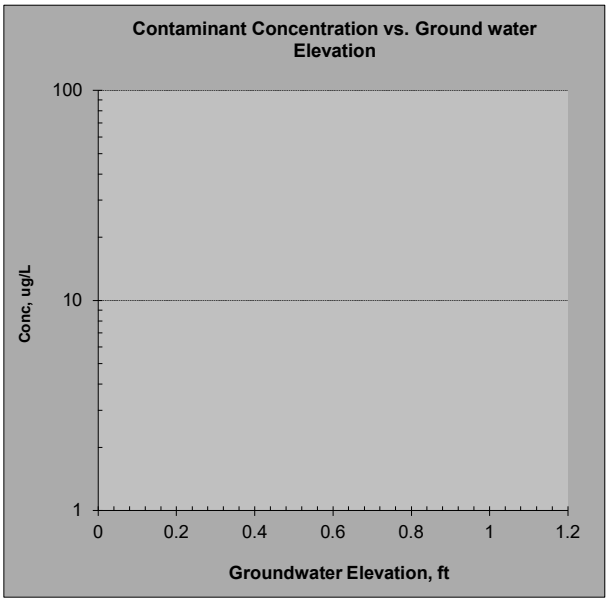
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *0*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

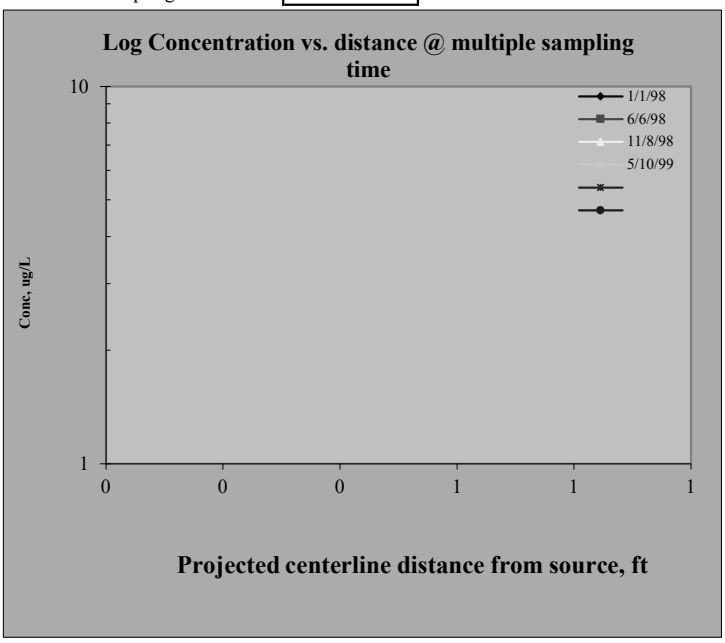
Name of Sampling Well?	**IW15-D**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*98.025%*		
Plume Stability?	Expanding	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.	

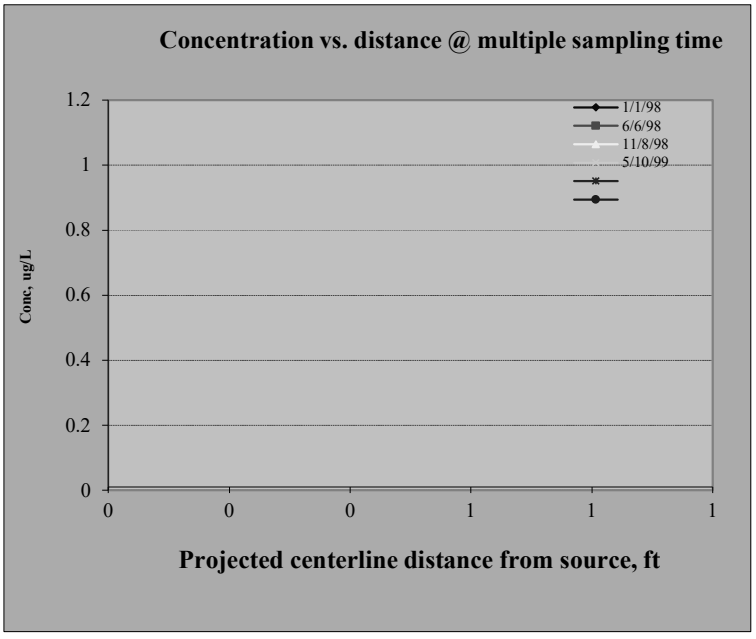




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	



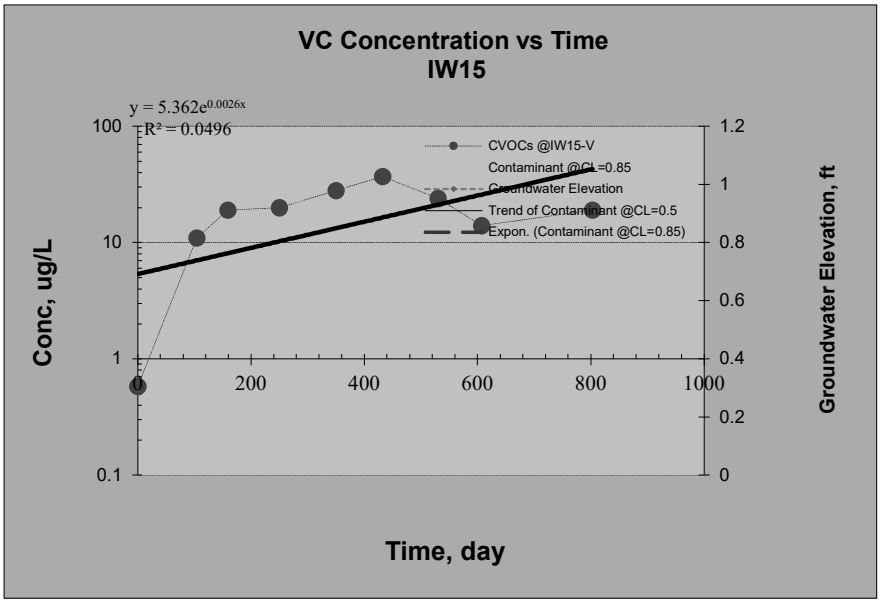


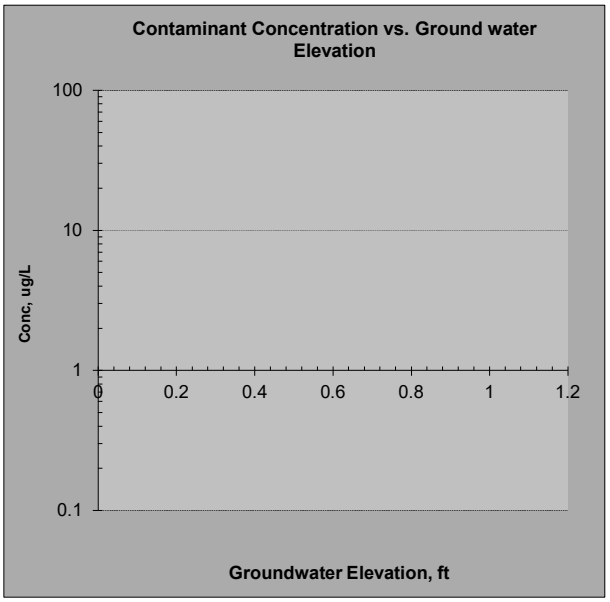
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *0*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

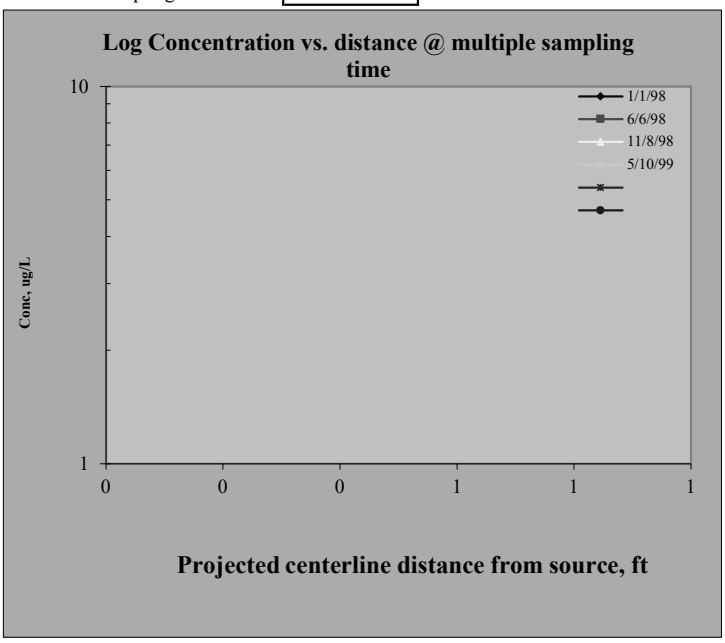
Name of Sampling Well?	**IW15-V**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*87.034%*		
Plume Stability?	Expanding	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.	

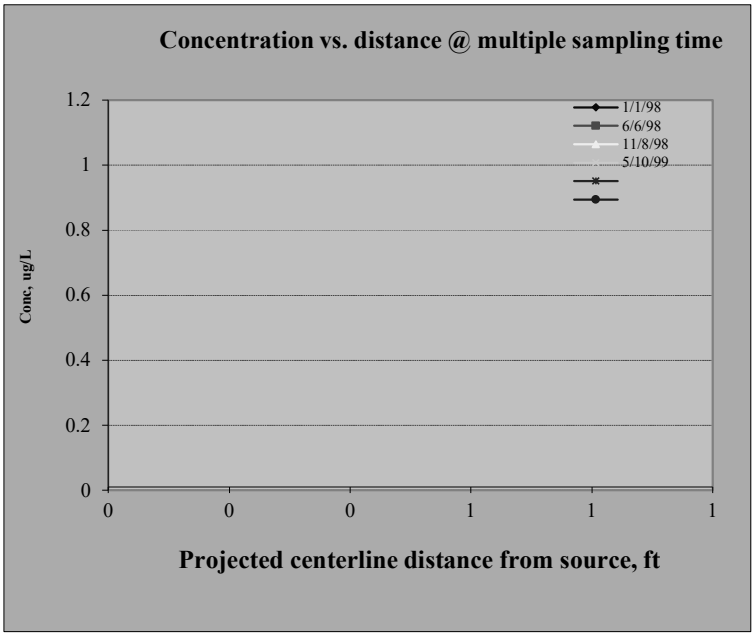




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

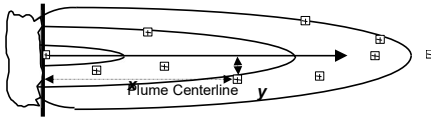
Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	6870 Woodlawn Ave NE Seattle
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	IW22-P	IW22-T	IW22-D	IW22-V												
Dist from source, x-direction		ft																
Off-centerline dist, y-direction		ft																
Sampling Event	Date sampled	day	Unit of concentration is ug/L															
#1	2/12/20	0			1.5	30												
#2	5/26/20	104			4.8	91												
#3	7/20/20	159			8.5	160												
#4	10/19/20	250			8.2	150												
#5	1/27/21	350			12	180												
#6	4/19/21	432			17	210												
#7	7/26/21	530			16	250												
#8	10/11/21	607			20	240												
#9	4/25/22	803			30	280												
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		
Average Concentration			na	N/A	13.1	176.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			NA	NA	30	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			NA	NA	1.5	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

Well Location:																		
Sampling Event	Date sampled	Day																
#1		0																
#2		104																
#3		159																
#4		250																
#5		350																
#6		432																
#7		530																
#8		607																
#9		803																
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		

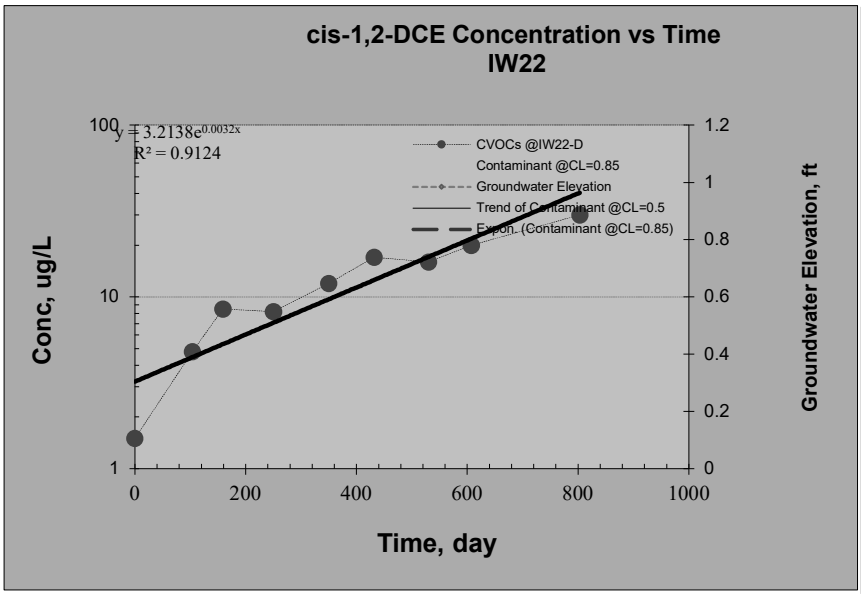
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

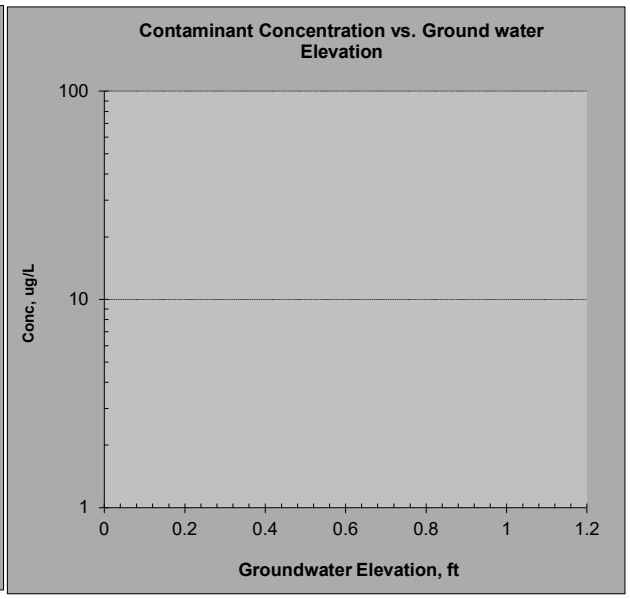
Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**IW22-D**	Confidence Level (Decision Criteria)?	85.0%

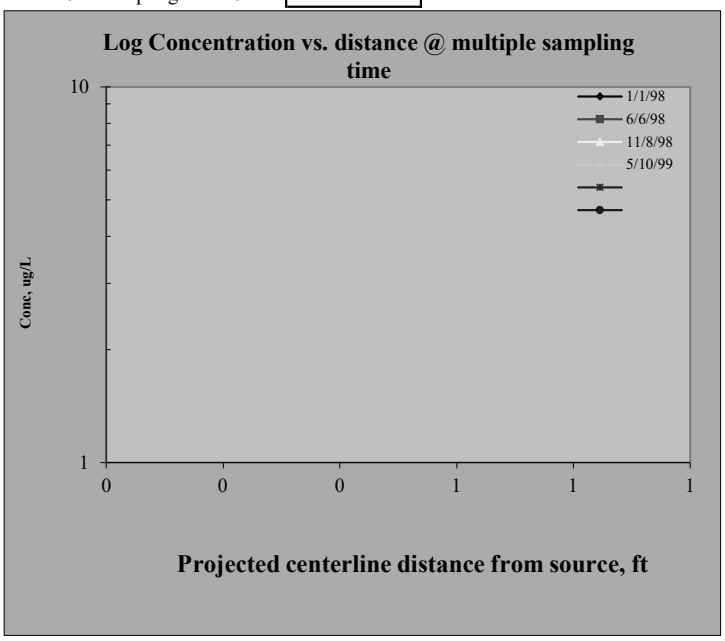
Confidence Level calculated with log-linear regression is?	*99.941%*	
Plume Stability?	Expanding	; Decision Criteria is 85%.
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.

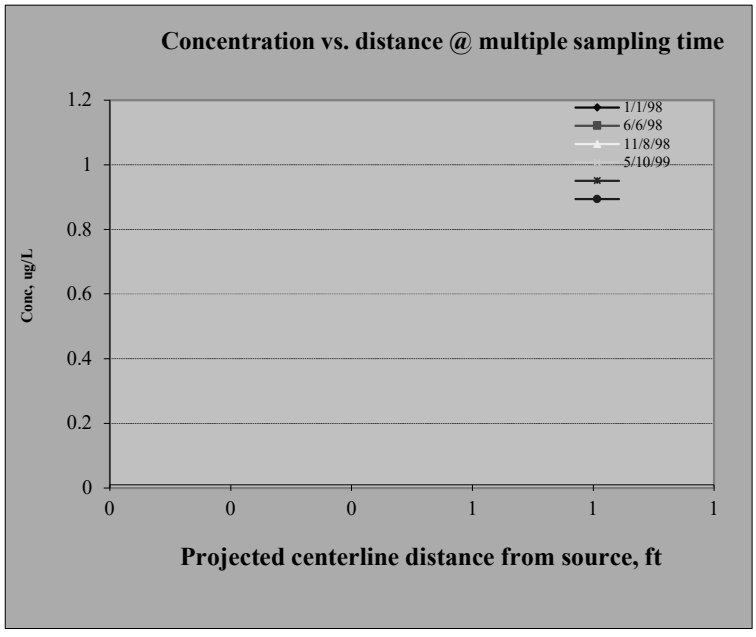




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	



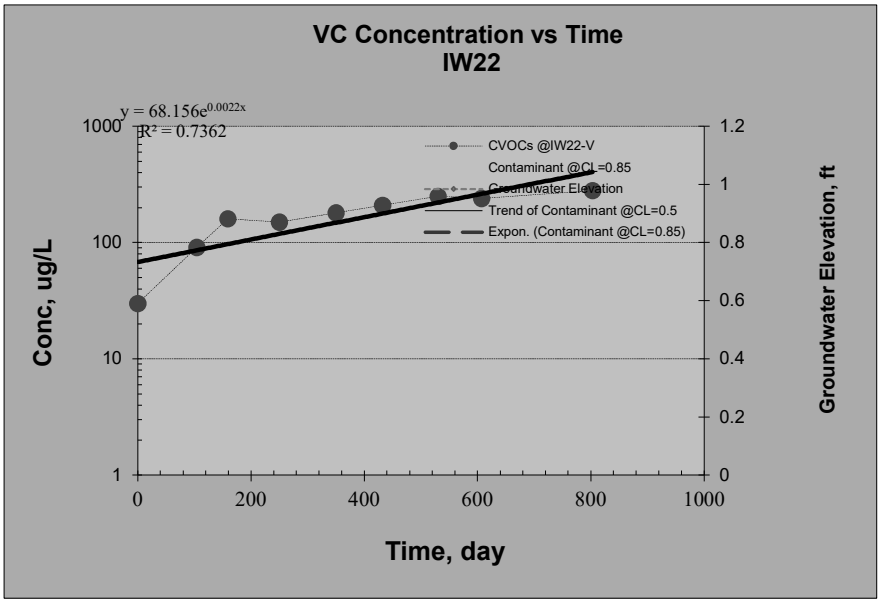


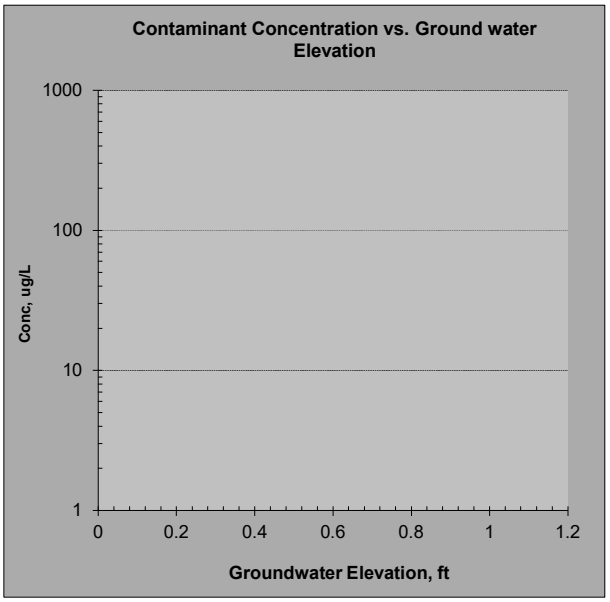
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

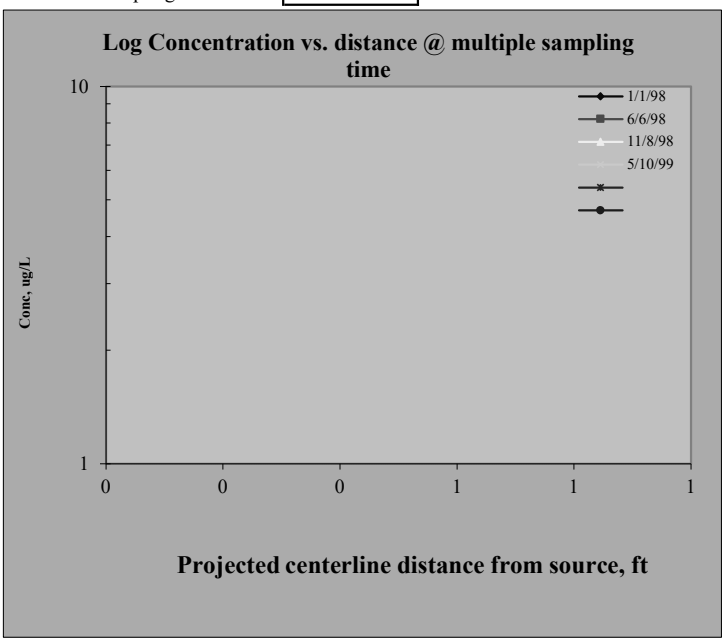
Name of Sampling Well?	IW22-V	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*99.428%*		
Plume Stability?	Expanding	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.	

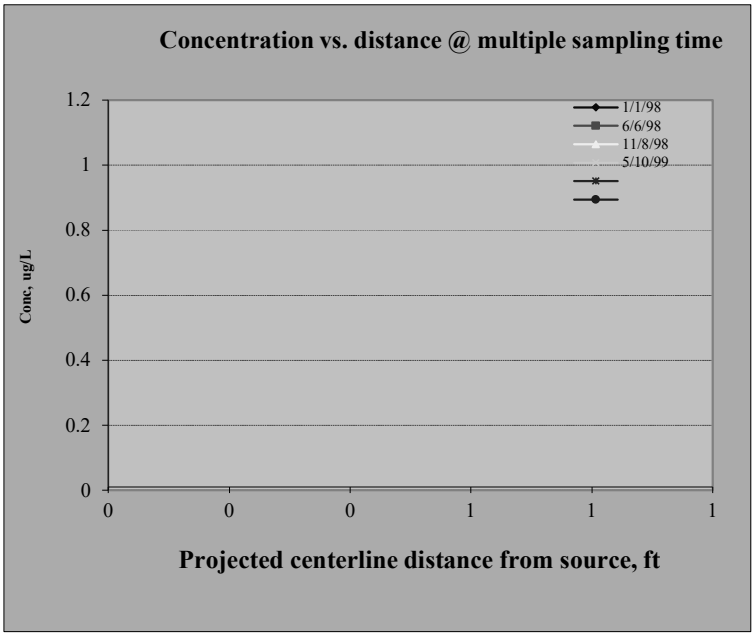




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales Site*
Site Address:	*6870 Woodlawn Ave. NE*
Additional Description:	*CVOCs*

Well (Sampling) Location?	**IW32**
Level of Confidence (Decision Criteria)?	**85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

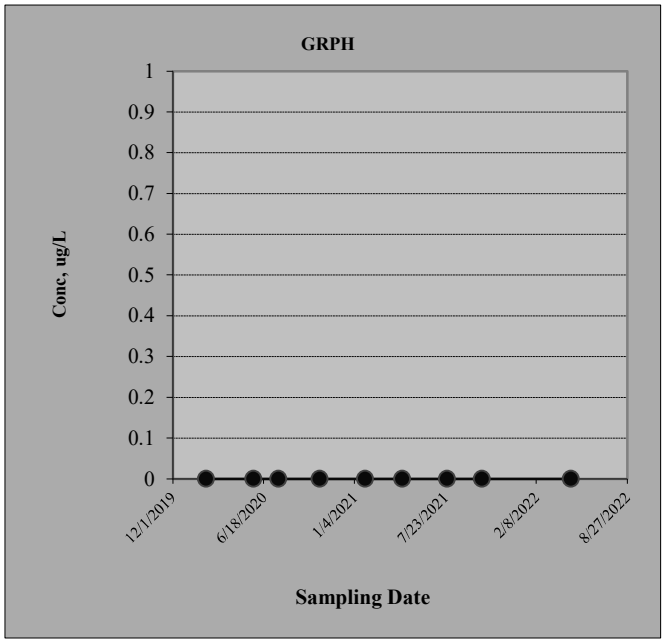
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	IW32-TCE	IW32-DCE	IW32-VC			
#1	2/12/2020	950	7100	250			
#2	5/26/2020	370	5700	250			
#3	7/20/2020	260	5400	250			
#4	10/19/2020	200	4600	240			
#5	1/27/2021	320	5800	320			
#6	4/19/2021	170	6100	430			
#7	7/26/2021	160	10000	1300			
#8	10/11/2021	130	7000	1200			
#9	4/25/2022	120	5400	960			
#10							
#11							
#12							
#13							
#14							
#15							
#16							

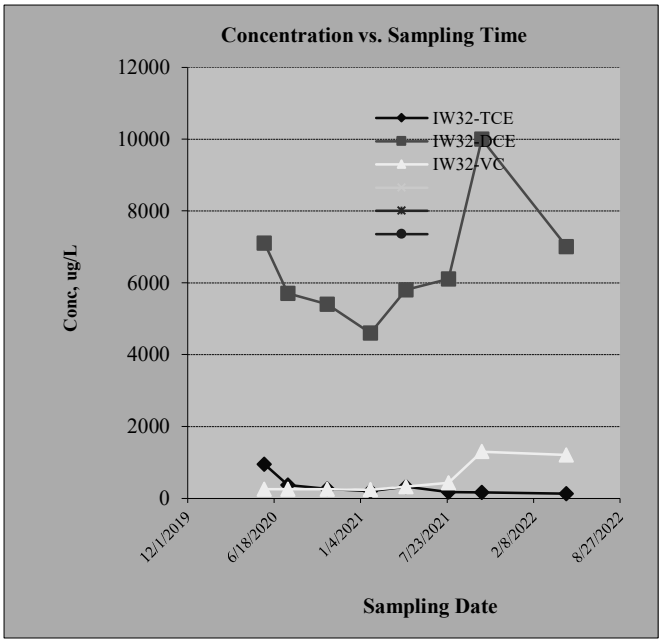
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**IW32-TCE**	**IW32-DCE**	**IW32-VC**			
Confidence Level Calculated?	100.00%	54.00%	97.80%	NA	NA	NA
Plume Stability?	Shrinking	Stable	***Expanding***	NA	NA	NA
Coefficient of Variation?		CV <= 1		n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	-32	3	21	0	0	0
Number of Sampling Rounds?	9	9	9	0	0	0
Average Concentration?	297.78	6344.44	577.78	NA	NA	NA
Standard Deviation?	259.12	1579.64	444.35	NA	NA	NA
Coefficient of Variation?	0.87	0.25	0.77	NA	NA	NA
Blank if No Errors found				n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance?	**GRPH**
Plume Stability?	**#VALUE!**



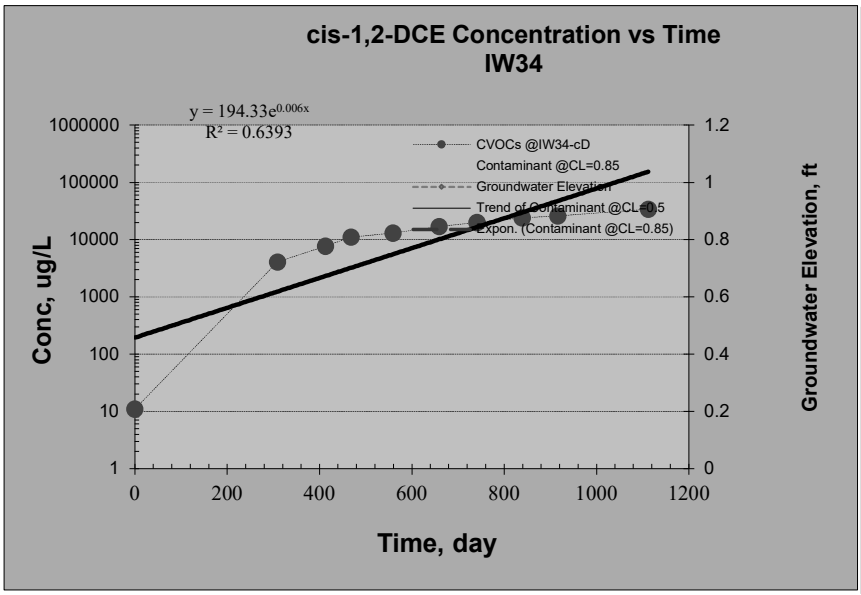


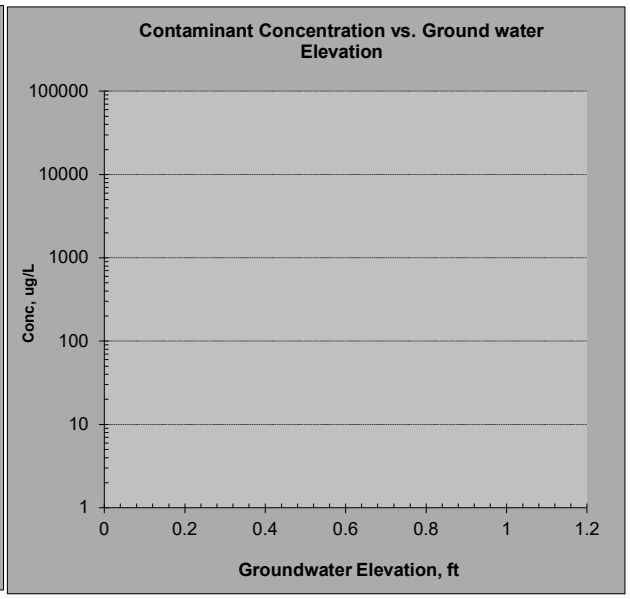
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

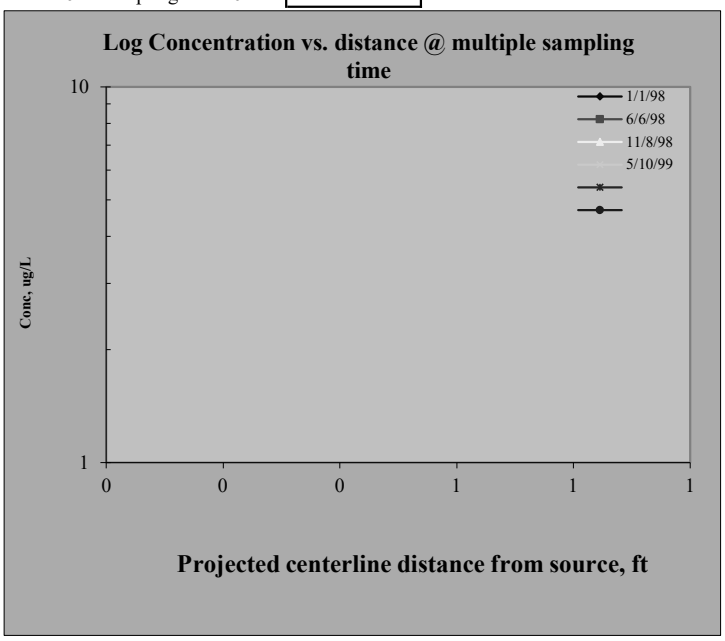
Name of Sampling Well?	**IW34-cD**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*99.643%*		
Plume Stability?	Expanding	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.	

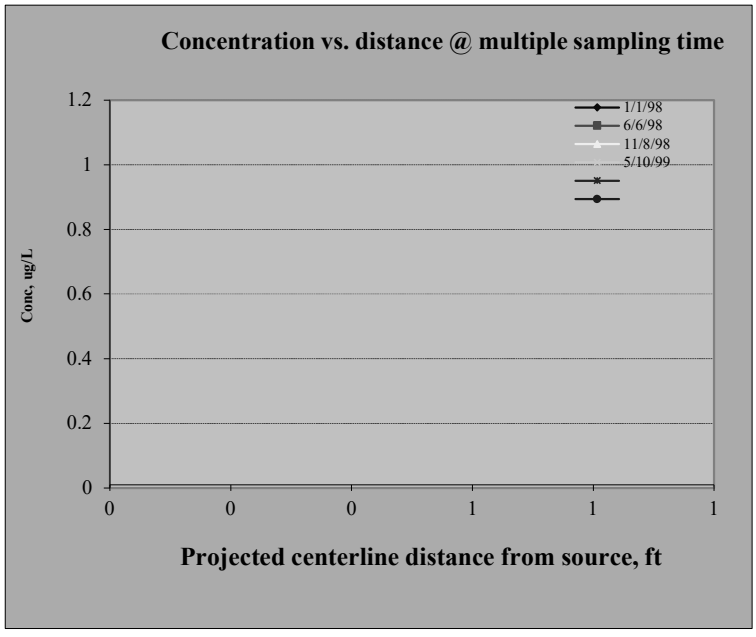




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

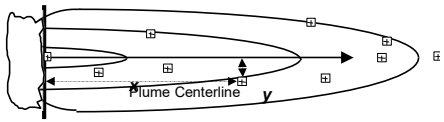
Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	6870 Woodlawn Ave NE Seattle
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	IW34-P	IW34-T	IW34-cD	IW34-tD	IW34-VC										
Dist from source, x-direction		ft															
Off-centerline dist, y-direction		ft															
Sampling Event	Date sampled	day	Unit of concentration is ug/L														
#1	4/9/19	0	230		11	0.5											
#2	2/12/20	309	360		4100	50											
#3	5/26/20	413	310		7700	83											
#4	7/20/20	468	290		11000	110											
#5	10/19/20	559	230		13000	140											
#6	1/27/21	659	100		17000	100											
#7	4/19/21	741	170		20000	240											
#8	7/26/21	839	100		24000	320											
#9	10/11/21	916	100		26000	330											
#10	4/25/22	1112	50		34000	500											
#11																	
#12																	
#13																	
#14																	
#15																	
#16																	
#17																	
#18																	
#19																	
#20																	
Average Concentration			194.0	N/A	15681.1	187.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			360	NA	34000	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			50	NA	11	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

Well Location:																		
Sampling Event	Date sampled	Day																
#1		0																
#2		309																
#3		413																
#4		468																
#5		559																
#6		659																
#7		741																
#8		839																
#9		916																
#10		1112																
#11																		
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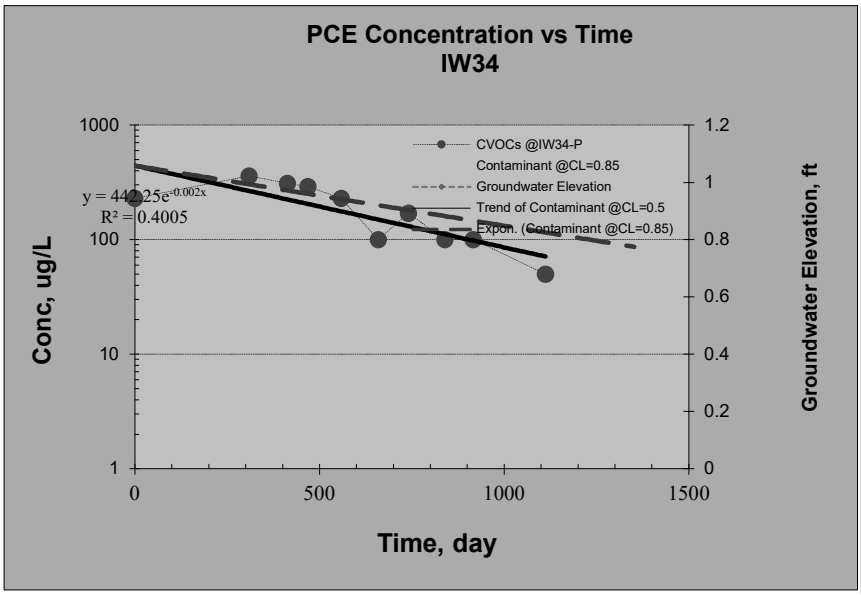
#19																		
#20																		

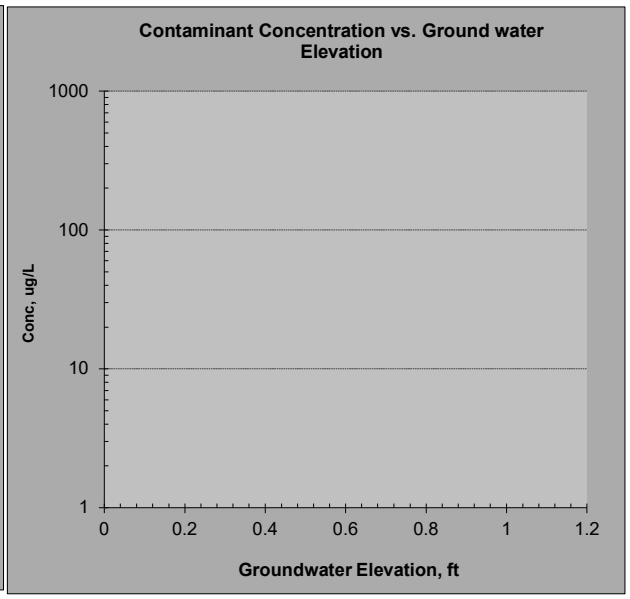
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

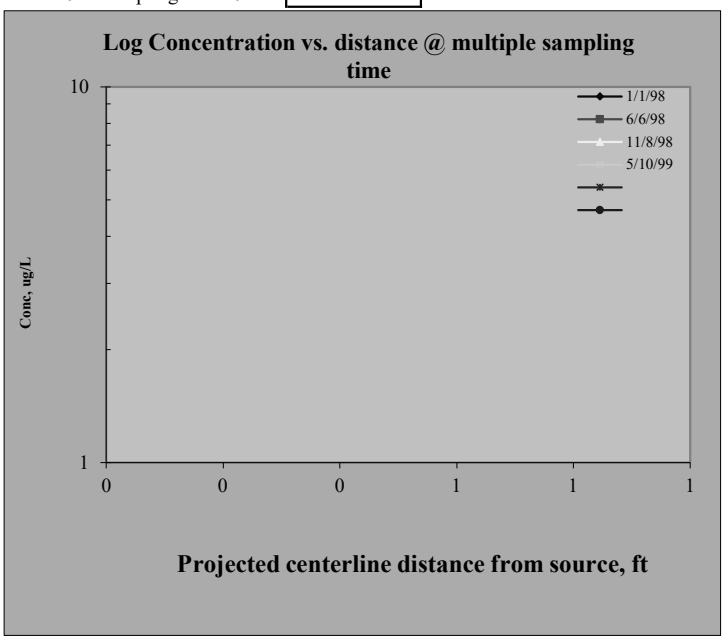
Name of Sampling Well?	**IW34-P**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*99.679%*		
Plume Stability?	Shrinking	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*0.600* @50% C.L.;	*0.441* @85% C.L.	
Half Life for k_{point}, yr	*1.156* @50% C.L.;	*1.572* @85% C.L.	

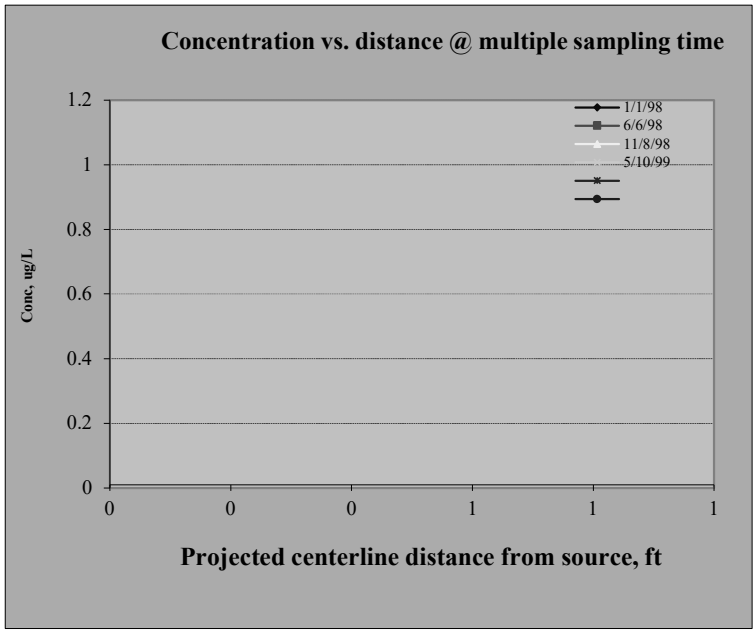




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales Site*
Site Address:	*6870 Woodlawn Ave. NE*
Additional Description:	*CVOCs*

Well (Sampling) Location? **MW-115**
Level of Confidence (Decision Criteria)? **85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

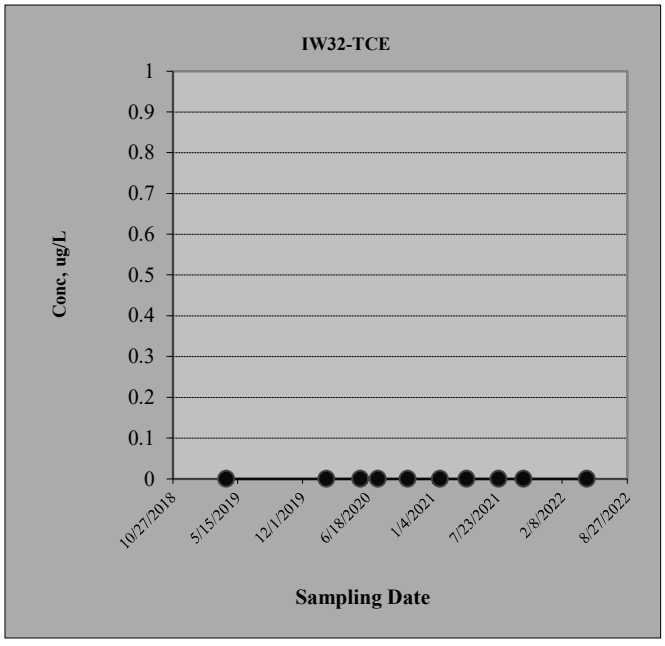
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	IW34-TCE	IW34-DCE	IW34-VC			
#1	4/9/2019	21					
#2	2/12/2020	3100					
#3	5/26/2020	2400					
#4	7/20/2020	2300					
#5	10/19/2020	1400					
#6	1/27/2021	990					
#7	4/19/2021	650					
#8	7/26/2021	230					
#9	10/11/2021	100					
#10	4/25/2022	5					
#11							
#12							
#13							
#14							
#15							
#16							

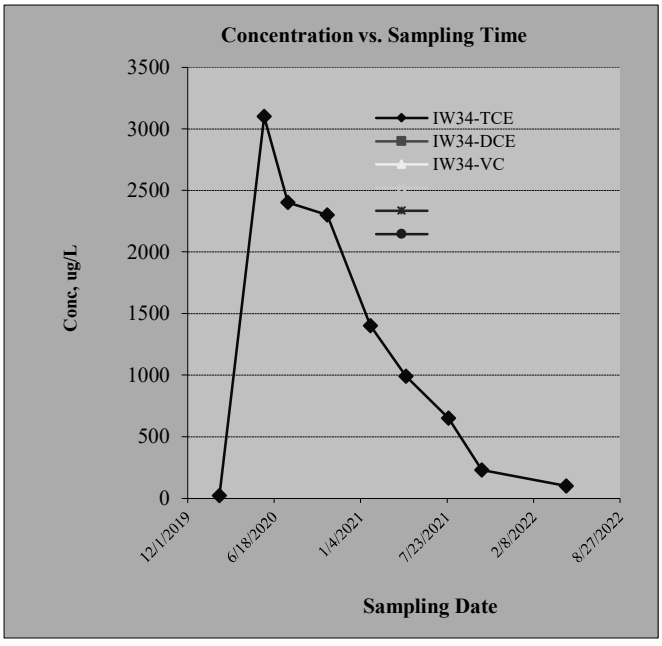
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**IW34-TCE**	**IW34-DCE**	**IW34-VC**			
Confidence Level Calculated?	99.50%	NA	NA	NA	NA	NA
Plume Stability?	Shrinking	NA	NA	NA	NA	NA
Coefficient of Variation?		n<4	n<4	n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	-29	0	0	0	0	0
Number of Sampling Rounds?	10	0	0	0	0	0
Average Concentration?	1119.60	NA	NA	NA	NA	NA
Standard Deviation?	1132.89	NA	NA	NA	NA	NA
Coefficient of Variation?	1.01	NA	NA	NA	NA	NA
Blank if No Errors found		n<4	n<4	n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? **IW32-TCE**
Plume Stability? **#VALUE!**





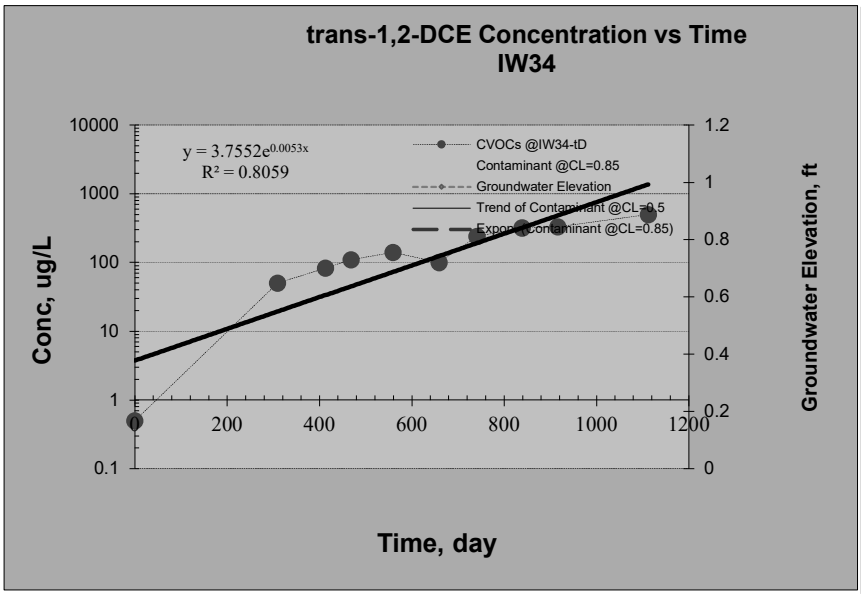
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

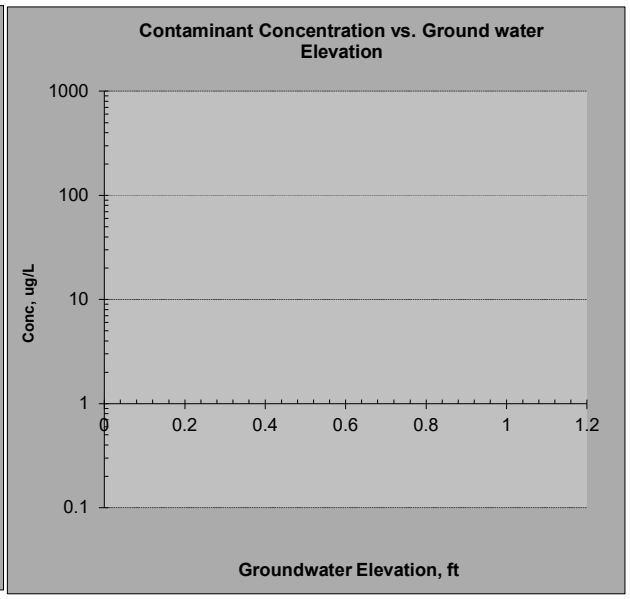
Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**IW34-tD**	Confidence Level (Decision Criteria)?	85.0%

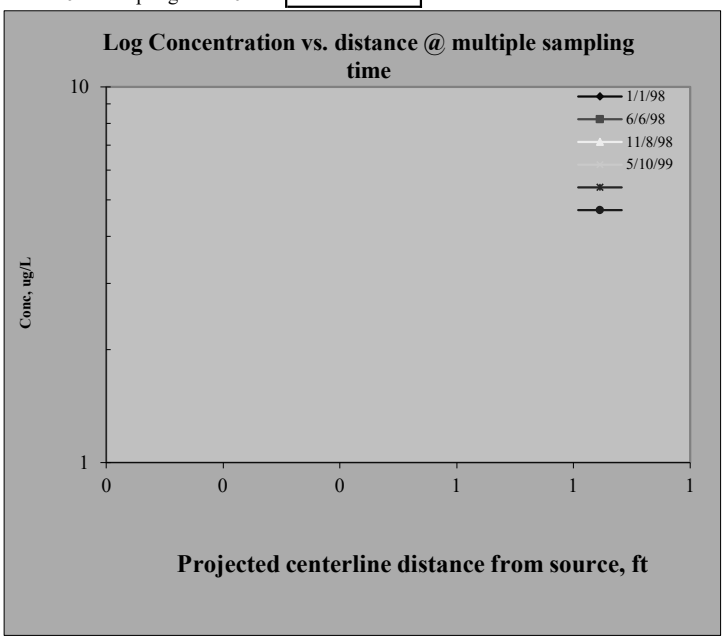
Confidence Level calculated with log-linear regression is?	*99.902%*	
Plume Stability?	Expanding	; Decision Criteria is 85%.
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.

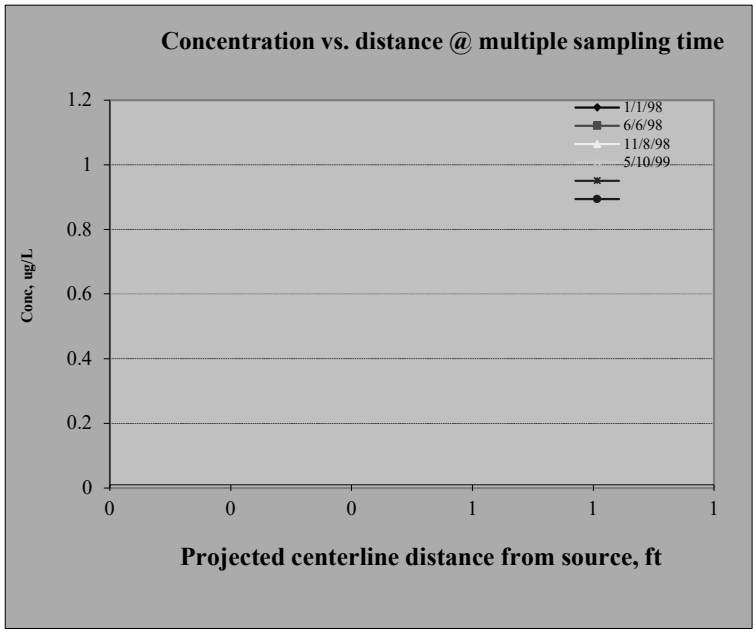




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	



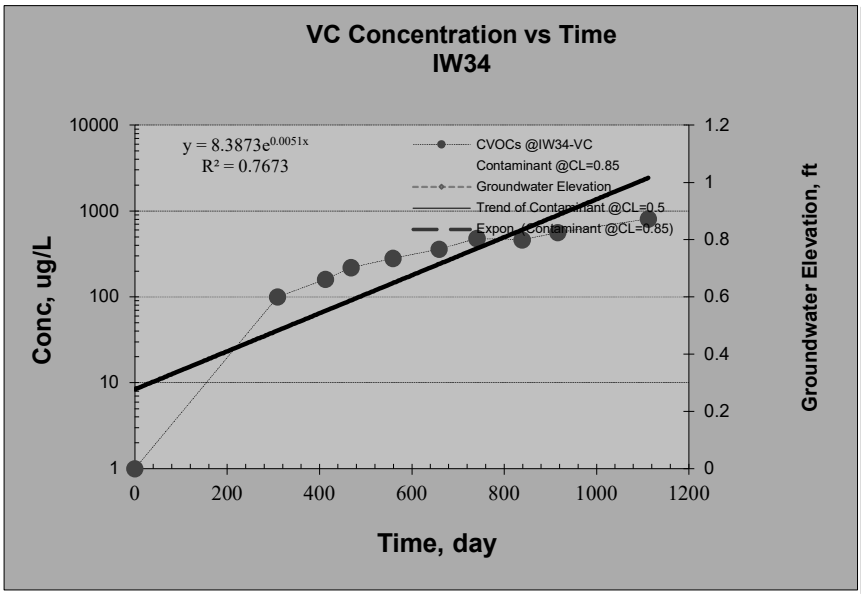


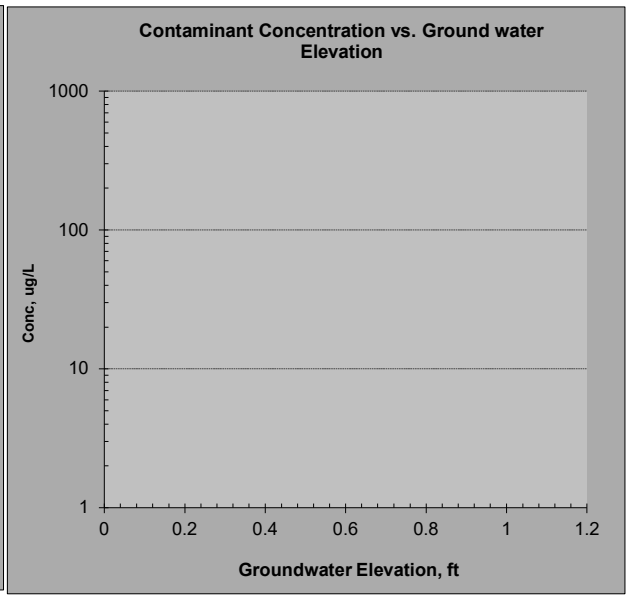
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *#REF!*
Additional Description: *0*
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

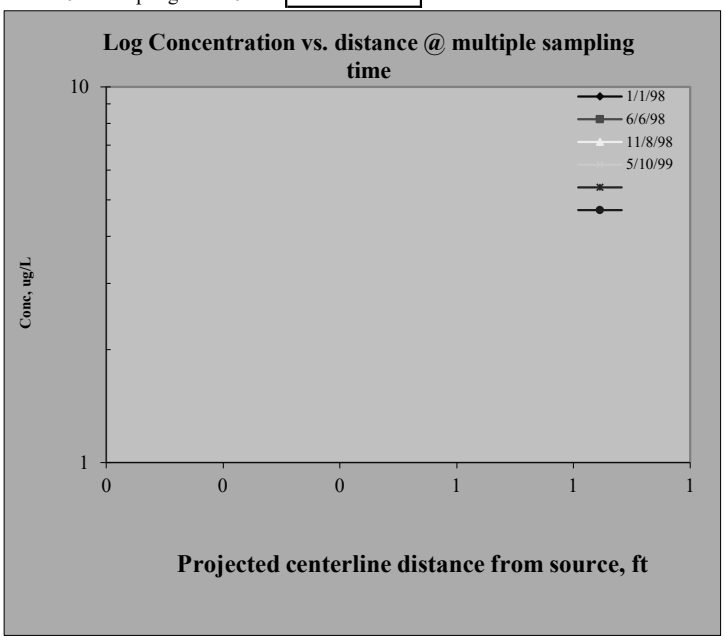
Name of Sampling Well?	**IW34-VC**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*99.838%*		
Plume Stability?	Expanding	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*NA* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*NA* @50% C.L.;	*NA* @85% C.L.	

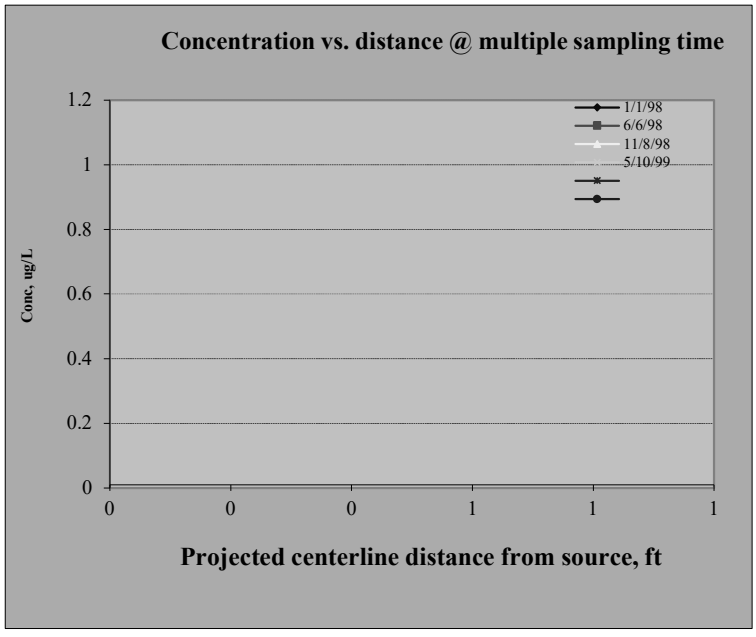




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales and Servic*
Site Address:	*6870 Woodlawn Ave NE, Seattle, WA*
Additional Description:	*CVOCs*

Well (Sampling) Location? **MW09**
Level of Confidence (Decision Criteria)? **85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

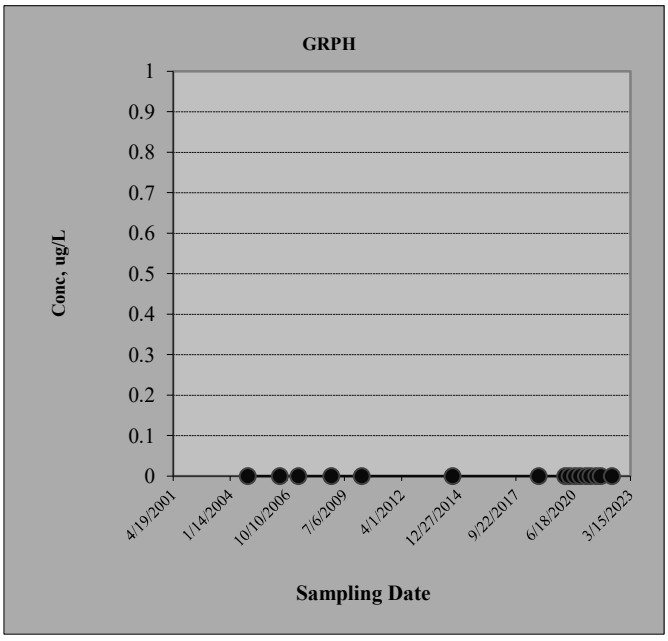
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	PCE	cis-1,2-DCE	TCE			
#1	11/19/2004	210	0.5	0.5			
#2	6/1/2006	390	1	1			
#3	4/20/2007	410	1	1			
#4	11/20/2008	220	1	1			
#5	5/4/2010	190	0.1	0.1			
#6	9/10/2014	89	0.1	0.1			
#7	10/24/2018	160	0.5	0.5			
#8	1/29/2020	97	160	3.4			
#9	4/21/2020	72	120	4.6			
#10	7/21/2020	130	170	11			
#11	10/20/2020	250	110	13			
#12	1/28/2021	350	43	8			
#13	4/20/2021	310	30	6.9			
#14	7/27/2021	410	23	4.3			
#15	10/13/2021	380	20	3.9			
#16	4/27/2022	420	15	4.4			

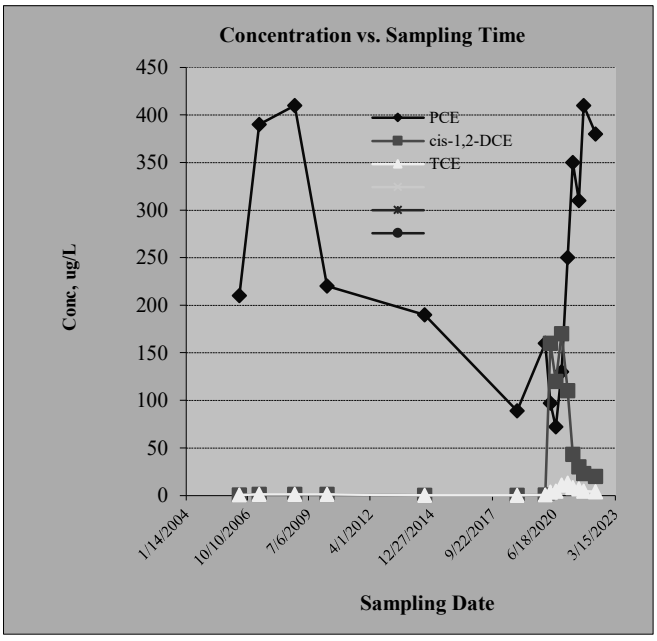
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**PCE**	**cis-1,2-DCE**	**TCE**			
Confidence Level Calculated?	86.70%	84.70%	98.70%	NA	NA	NA
Plume Stability?	***Expanding***	Undetermined	***Expanding***	NA	NA	NA
Coefficient of Variation?		CV > 1		n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	27	25	51	0	0	0
Number of Sampling Rounds?	16	16	16	0	0	0
Average Concentration?	255.50	43.45	3.98	NA	NA	NA
Standard Deviation?	126.31	60.39	3.98	NA	NA	NA
Coefficient of Variation?	0.49	1.39	1.00	NA	NA	NA
Blank if No Errors found				n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? **GRPH**
Plume Stability? **#VALUE!**





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales and Service*
Site Address:	*6870 Woodlawn Ave N. Seattle, WA*
Additional Description:	*CVOCs*

Well (Sampling) Location? **MW10**
Level of Confidence (Decision Criteria)? **85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

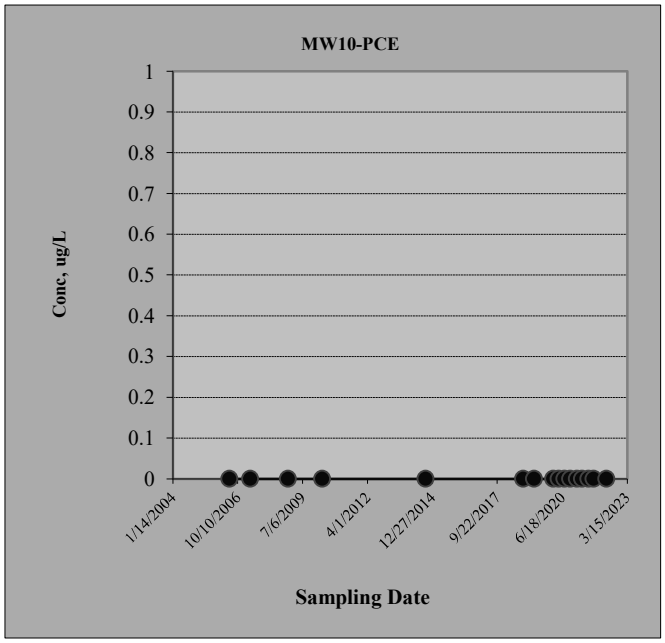
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	PCE	TCE	DCE	VC		
#1	6/1/2006	0.1	0.1	0.1	0.1		
#2	4/20/2007	0.1	0.1	0.1	0.1		
#3	11/20/2008	0.1	0.1	0.1	0.1		
#4	5/4/2010	3.3	0.1	0.1	0.1		
#5	9/10/2014	600	0.2	0.1	0.1		
#6	10/24/2018	210	1	1	1		
#7	4/9/2019	21	1.1	1.8	0.2		
#8	1/29/2020	6.5	3.3	250	1.6		
#9	4/22/2020	1	1	270	1.5		
#10	7/22/2020	1	1	270	1.3		
#11	10/20/2020	6.5	3.6	480	1.2		
#12	1/28/2021	11	6.5	420	0.91		
#13	4/20/2021	47	15	650	1.3		
#14	7/26/2021	19	8.9	400	0.78		
#15	10/12/2021	9.3	5.3	150	0.56		
#16	4/26/2022	1.7	1.5	120	0.5		

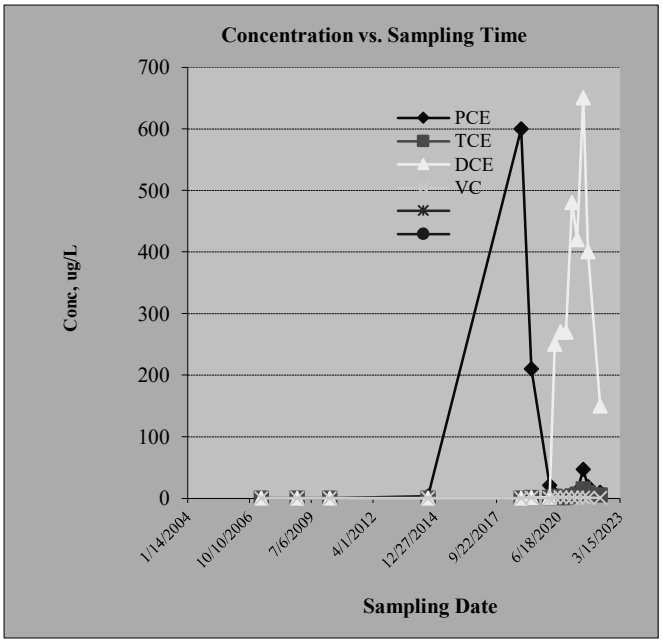
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**PCE**	**TCE**	**DCE**	**VC**		
Confidence Level Calculated?	86.70%	100.00%	99.90%	91.70%	NA	NA
Plume Stability?	***Expanding***	***Expanding***	***Expanding***	***Expanding***	NA	NA
Coefficient of Variation?					n<4	n<4
Mann-Kendall Statistic "S" value?	27	83	71	33	0	0
Number of Sampling Rounds?	16	16	16	16	0	0
Average Concentration?	58.60	3.05	188.33	0.71	NA	NA
Standard Deviation?	153.29	4.13	210.87	0.56	NA	NA
Coefficient of Variation?	2.62	1.35	1.12	0.79	NA	NA
Blank if No Errors found					n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

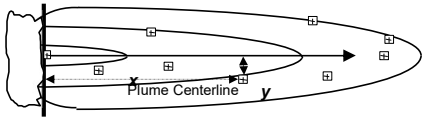
Hazardous substance? **MW10-PCE**
Plume Stability? **#VALUE!**





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	*6870 Woodlawn Ave N, Seattle, WA*
Additional Description:	
Hazardous Substance	*PCE*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	MW29															
Dist from source, x-direction		ft																
Off-centerline dist, y-direction		ft																
Sampling Event	Date sampled	day	Unit of concentration is ug/L															
#1	6/4/19	0	11															
#2	1/28/20	238	4.5															
#3	4/22/20	323	0.79															
#4	7/21/20	413	4.6															
#5	10/20/20	504	4.5															
#6	1/28/21	604	7.1															
#7	4/21/21	687	7.2															
#8	7/27/21	784	4.8															
#9	10/13/21	862	5.3															
#10	4/27/22	1058	1.4															
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		
Average Concentration			5.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			0.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

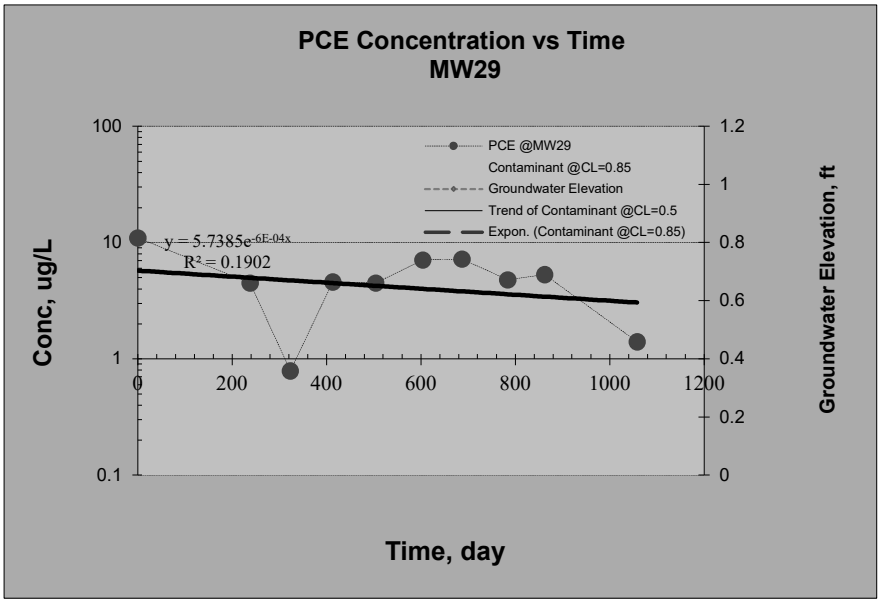
Well Location:																		
Sampling Event	Date sampled	Day																
#1		0																
#2		238																
#3		323																
#4		413																
#5		504																
#6		604																
#7		687																
#8		784																
#9		862																
#10		1058																
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		

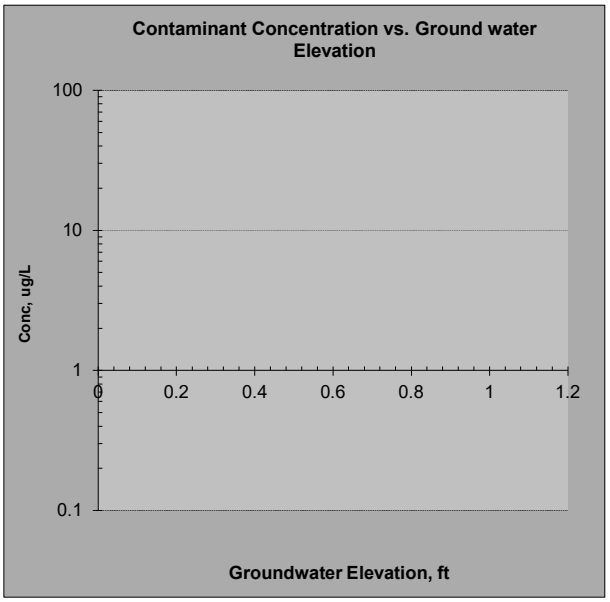
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *6870 Woodlawn Ave N, Seattle, WA*
Additional Description: *0*
Hazardous Substance *PCE*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

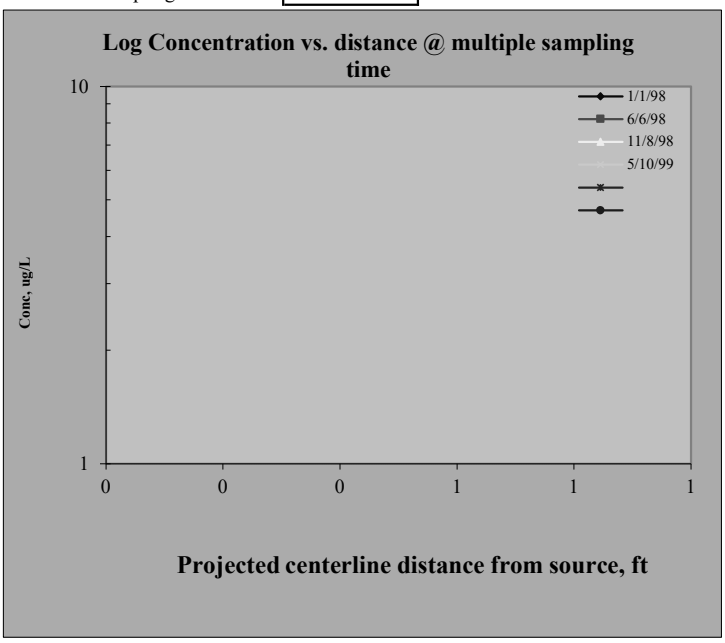
Name of Sampling Well?	**MW29**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*49.653%*		
Plume Stability?	Stable	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*0.218* @50% C.L.;	*NA* @85% C.L.	
Half Life for k_{point}, yr	*3.180* @50% C.L.;	*NA* @85% C.L.	

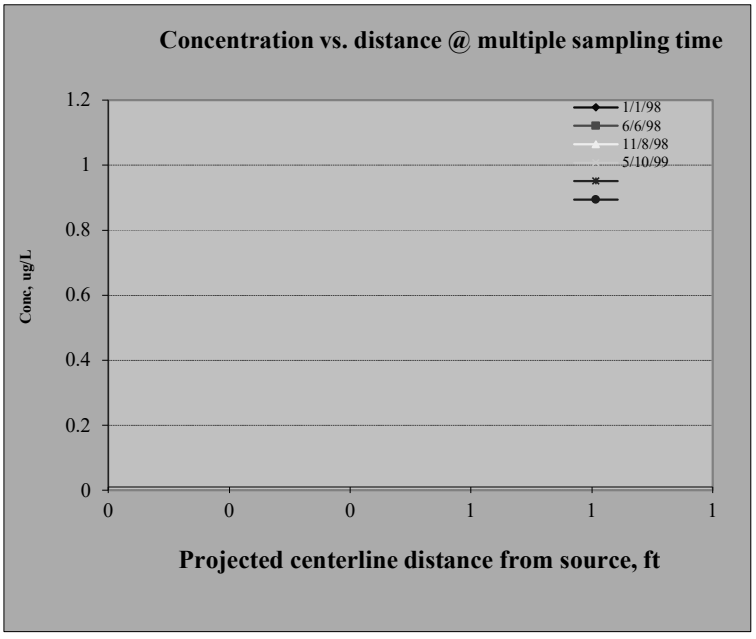




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module1: Mann-Kendall Trend Test for Plume Stability (Non-parametric Statistical Test)

Site Name:	*Plastic Sales and Services Site*
Site Address:	*6870 Woodlawn Avenue NE, Seattle, WA*
Additional Description:	*CVOCs*

Well (Sampling) Location? **MW31**
Level of Confidence (Decision Criteria)? **85%**

1. Monitoring Well Information: Contaminant Concentration at a well: Quarterly sampling recommended.

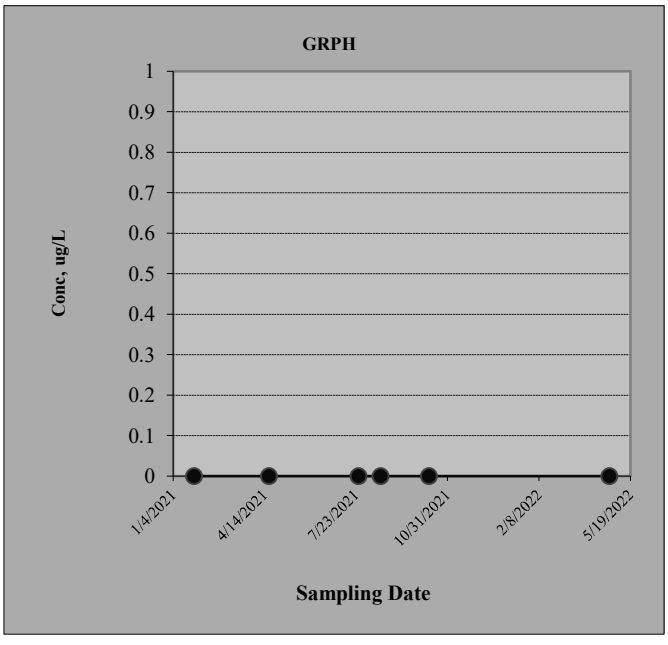
		Hazardous Substances (unit is ug/L)					
Sampling Event	Date Sampled	cis-1,2-DCE	VC				
#1	1/27/2021	940	100				
#2	4/19/2021	3400	5				
#3	7/26/2021	15000	12				
#4	8/19/2021	16000	20				
#5	10/11/2021	11000	65				
#6	4/26/2022	13000	570				
#7							
#8							
#9							
#10							
#11							
#12							
#13							
#14							
#15							
#16							

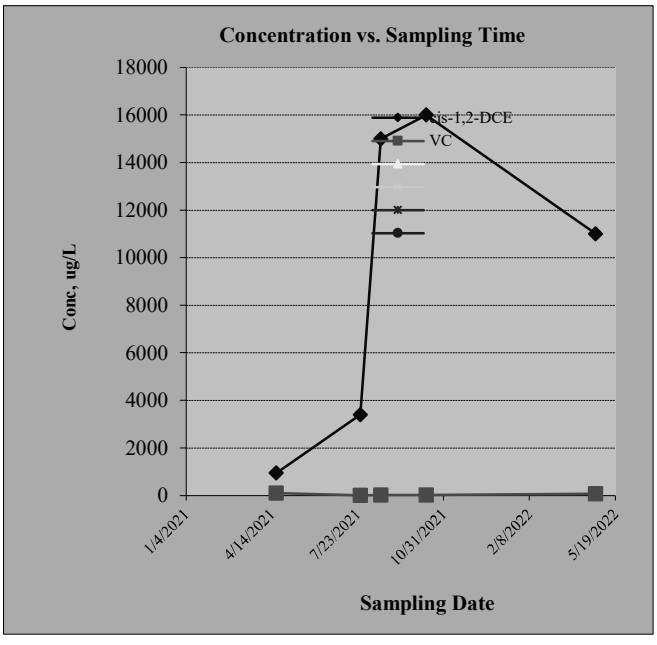
2. Mann-Kendall Non-parametric Statistical Test Results

Hazardous Substance?	**cis-1,2-DCE**	**VC**				
Confidence Level Calculated?	86.40%	86.40%	NA	NA	NA	NA
Plume Stability?	***Expanding***	***Expanding***	NA	NA	NA	NA
Coefficient of Variation?			n<4	n<4	n<4	n<4
Mann-Kendall Statistic "S" value?	7	7	0	0	0	0
Number of Sampling Rounds?	6	6	0	0	0	0
Average Concentration?	9890.00	128.67	NA	NA	NA	NA
Standard Deviation?	6270.10	219.25	NA	NA	NA	NA
Coefficient of Variation?	0.63	1.70	NA	NA	NA	NA
Blank if No Errors found			n<4	n<4	n<4	n<4

3. Temporal Trend: Plot of Concentration vs. Sampling Time

Hazardous substance? **GRPH**
Plume Stability? **#VALUE!**



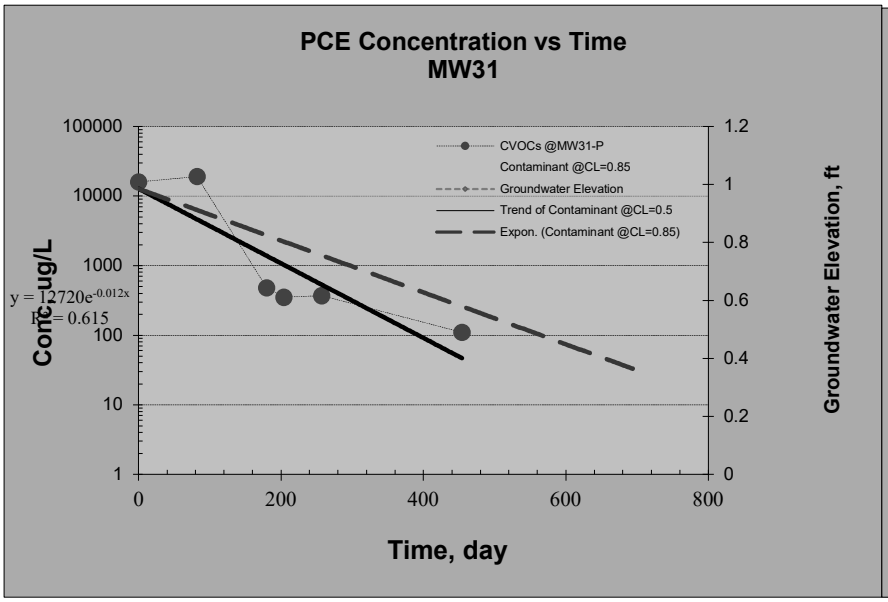


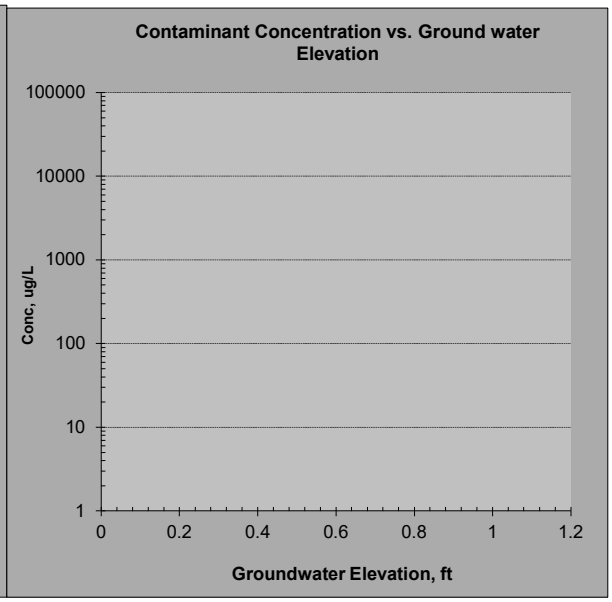
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

Site Name: *Plastic Sales and Service*
Site Address: *6870 Woodlawn Ave. NE, Seattle, WA*
Additional Description:
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

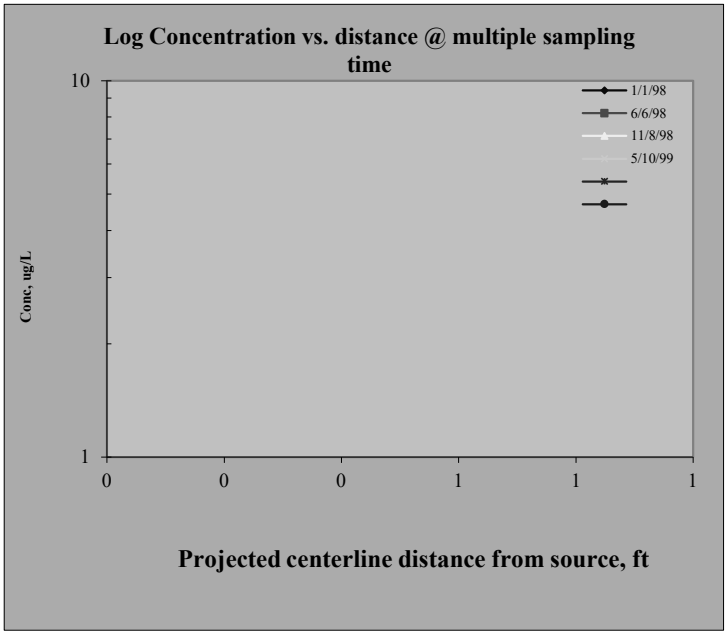
Name of Sampling Well?	**MW31-P**	Confidence Level (Decision Criteria)?	85.0%
Confidence Level calculated with log-linear regression is?	*98.070%*		
Plume Stability?	Shrinking	; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*4.505* @50% C.L.;	*3.131* @85% C.L.	
Half Life for k_{point}, yr	*0.154* @50% C.L.;	*0.221* @85% C.L.	

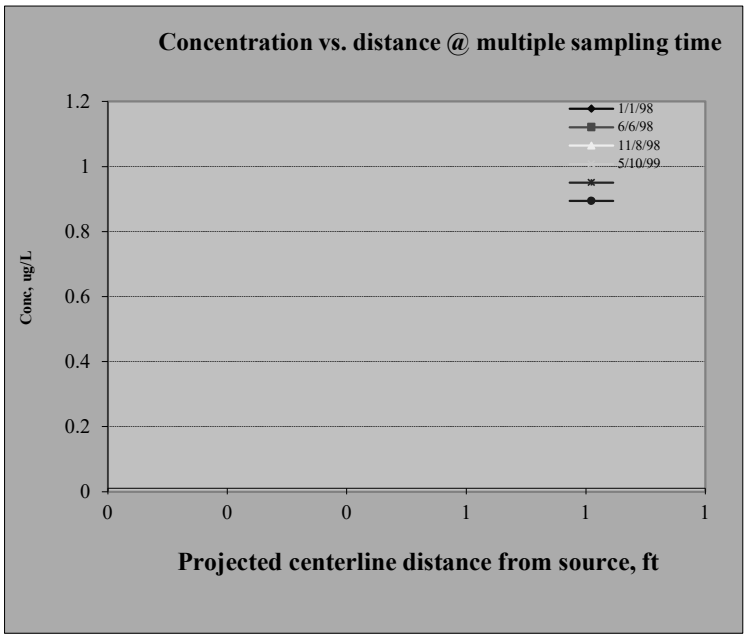




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





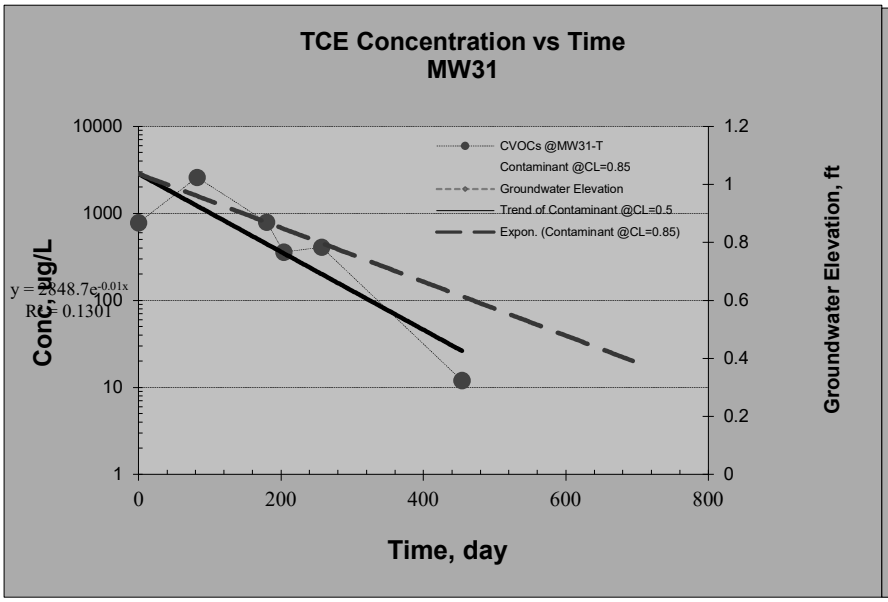
Module 2: Graphical Presentation of Historical Ground Water Data: (Well to Well Analysis)

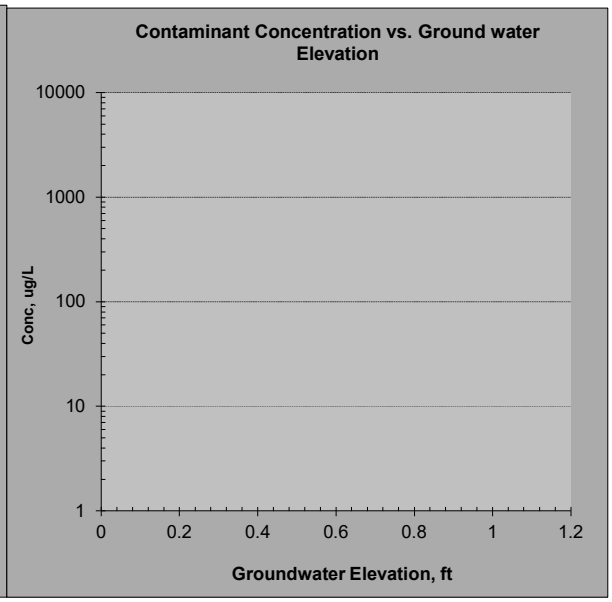
Site Name: *Plastic Sales and Service*
Site Address: *6870 Woodlawn Ave. NE, Seattle, WA*
Additional Description:
Hazardous Substance *CVOCs*

1. Temporal Trend at a Well (Concentration vs. Time & Groundwater Elevation : well-to-well analysis)

Name of Sampling Well?	**MW31-T**	Confidence Level (Decision Criteria)?	85.0%

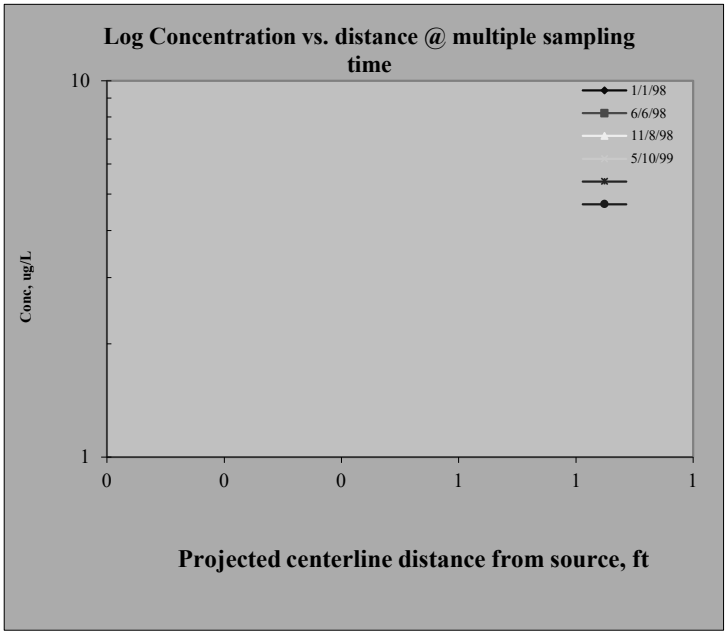
Confidence Level calculated with log-linear regression is?	*97.998%*	
Plume Stability?	Shrinking ; Decision Criteria is 85%.	
Slope: Point decay rate constant (k_{point}), yr^{-1}	*3.767* @50% C.L.;	*2.604* @85% C.L.
Half Life for k_{point}, yr	*0.184* @50% C.L.;	*0.266* @85% C.L.

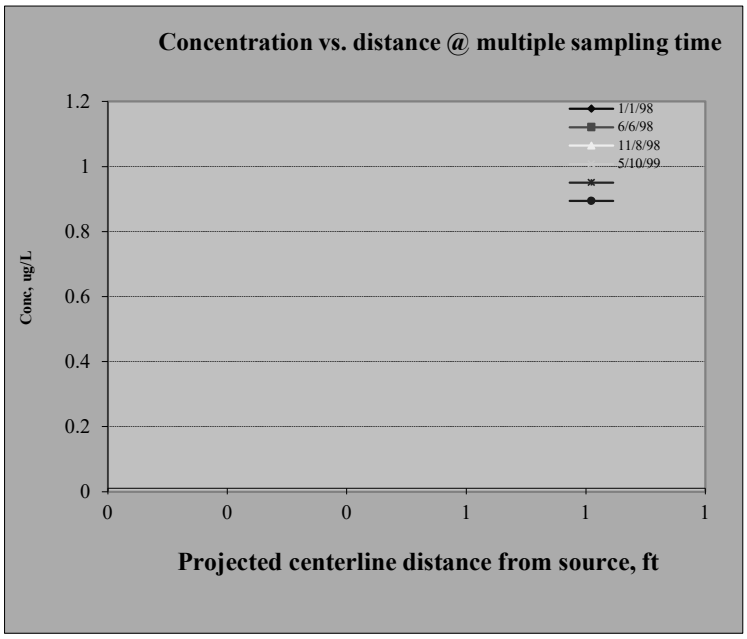




2. Spatial and Temporal Trend along Overall Plume Length for Multiple Wells:

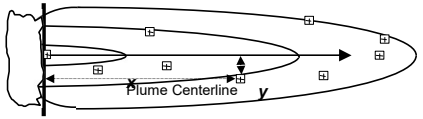
Plot #1:	Sampling date #1	**1-Jan-98**
Plot #2:	Sampling date #2	**6-Jun-98**
Plot #3:	Sampling date #3	**8-Nov-98**
Plot #4:	Sampling date #4	**10-May-99**
Plot #5:	Sampling date #5	
Plot #6:	Sampling date #6	





Module 2: Inputs: Enter Historical Ground Water Data

Site Name:	*Plastic Sales and Service*
Site Address:	6870 Woodlawn Ave NE Seattle, WA
Additional Description:	
Hazardous Substance	*CVOCs*



1. Monitoring Well information: Contaminant Concentration at a well: Note: relationship of "y/x ≤ 0.33" is preferred

Well Location:		Unit	MW31-P	MW31-T														
Dist from source, x-direction		ft																
Off-centerline dist, y-direction		ft																
Sampling Event	Date sampled	day	Unit of concentration is ug/L															
#1	1/27/21	0	16000	780														
#2	4/19/21	82	19000	2600														
#3	7/26/21	180	480	790														
#4	8/19/21	204	350	360														
#5	10/11/21	257	370	410														
#6	4/26/22	454	110	12														
#7																		
#8																		
#9																		
#10																		
#11																		
#12																		
#13																		
#14																		
#15																		
#16																		
#17																		
#18																		
#19																		
#20																		
Average Concentration			6051.7	825.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum Concentration			19000	2600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minimum Concentration			110	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2. Groundwater Elevation:

Well Location:																			
Sampling Event	Date sampled	Day																	
#1		0																	
#2		82																	
#3		180																	
#4		204																	
#5		257																	
#6		454																	
#7																			
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