

Table 1: Jan – Apr 2024 – Sites 2/12 GWTP and SVTU Statistics

Monthly Statistics	Volume Treated	Temporal Average Flow	Percent of Time Online	COC Mass Removed (pounds)
Jan 2024 GWTP	1,647,930	37 gpm	90.6%	0.15
Feb 2024 GWTP	1,623,793	39 gpm	96.8%	0.06
Mar 2024 GWTP	1,707,660	38 gpm	96.2%	0.04
Apr 2024 GWTP	1,602,720	37 gpm	93.3%	0.05
<i>Total since April 1999</i>	<i>2.359 billion gal</i>			<i>498.4</i>
Jan 2024 SVTU	NC	NC	0%	NC
Feb 2024 SVTU	NC	NC	0%	NC
Mar 2024 SVTU	NC	NC	0%	NC
Apr 2024 SVTU	801,703	100 cfm	18.6%	0.004
<i>Total since September 2015</i>	<i>1.480 billion scf</i>			<i>10.75</i>

Notes:
 gpm: gallon(s) per minute
 gal: gallon(s)
 COC: chemical of concern
 NC: Not calculated
 scf: standard cubic foot or feet
 scfm: standard cubic feet per minute

Remedial Summary

- **8 COCs:** 1,1-DCE; 1,2-DCA; chloroform; cis-1,2-DCE; PCE; total 1,3-DCP; TCE; and VC.
- **Remediation:** Pump and treat with GAC in the unconfined Upper 180-Foot Aquifer since 1999. Extraction wells added in 2007 and 2015.
- **Monitoring:** Quarterly groundwater monitoring and reporting, including annual 3Q monitoring and reports. Described in the most recent Groundwater QAPP.

Jan – Apr 2024 Key Events

- Jan 2: Sites 2/12 GWTP shut down for 70 hours due to rainwater in EW-12-08-180U vault that was pumped out.
- Jan 26-30: First Quarter 2024 SGMP event.
- Feb 5: Sites 2/12 GWTP shut down for 22 hours due to a faulty ethernet switch that was repaired.
- Feb 12-16: First Quarter 2024 GWMP event.
- Mar 6: SG-12-18 decommissioned. SG-12-24 surface completion regraded.
- Mar 30: Sites 2/12 GWTP shut down for 36 hours due to rainwater in EW-12-08-180U vault that was pumped out.
- Apr 22-26: Second Quarter 2024 SGMP event.
- Apr 25: Restarted and sampled SVETS.

Future Key Events

- May 13-17: Second Quarter 2024 GWMP event.
- Shea Homes or Monterey Motorsports may decommission EW-12-04-180U, EW-12-04-180M (no date set).

Jan – Apr 2024 Sites 2/12 Treated Water at TS-212-INJ did not exceed discharge limits



1Q24

EXPLANATION

- Roads
- ➔ General groundwater flow direction
- Facilities
- Well Type and Tetrachloroethene (PCE)/ Trichloroethene (TCE) Detection**
- ⊕ Groundwater Extraction Well: PCE and TCE detection are below or equal to the ACL
- ⊖ Groundwater Extraction Well: Well not sampled
- ⊕ Groundwater Monitoring Well: PCE and TCE detection is less than or equal to ACL
- ⊖ Groundwater Monitoring Well: PCE and TCE detection is non-detect
- ⊕ Groundwater Monitoring Well: Well not sampled
- Chemicals of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L**
- 5 Tetrachloroethene (PCE) - (no exceedance contour present in 1Q2024)
- 5 Trichloroethene (TCE) - (no exceedance contour present in 1Q2024)

ND Chemical of Concern (COC) is non-detect
 Well ID - Sample Location and Probe Depth
 TCE and PCE concentration (µg/L) with validation/lab qualifier.
Bold when exceeds the ACL.

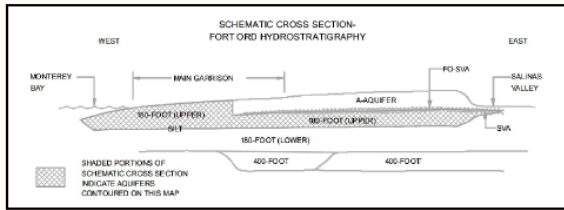
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GROUNDWATER PCE/TCE CONCENTRATIONS
 UPPER 180-FOOT AQUIFER WEST OF THE SVA
 FIRST QUARTER 2024
 Sites 2 and 12, First Quarter 2024
 Groundwater and Soil Gas Monitoring and Treatment
 System Report, Former Fort Ord, California

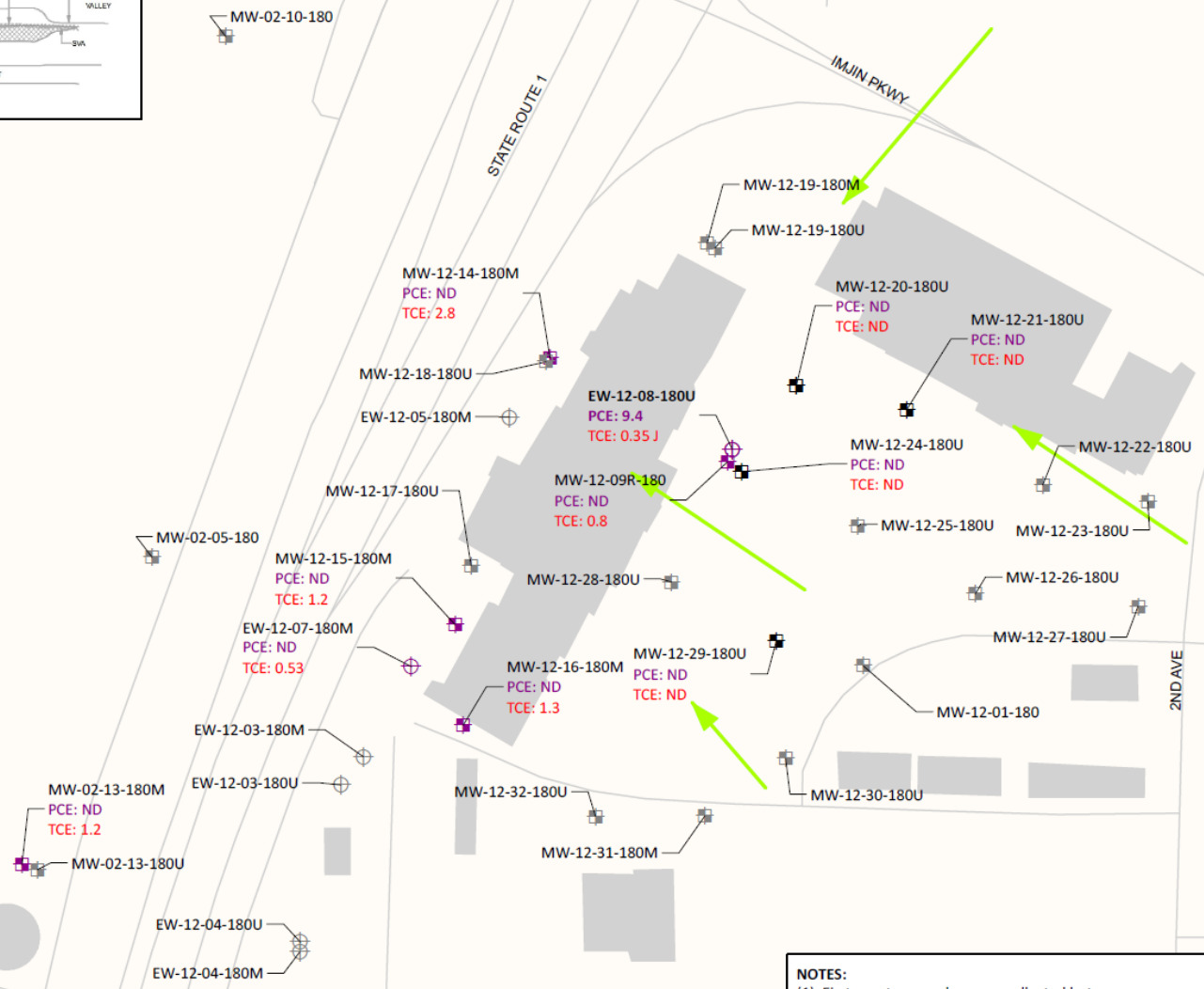
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Date: 4/10/2024

Figure: 13



EW-12-08-180U Samples for 1Q2024		
DATE	PCE	TCE
1/2/2024	9.4	0.35 J
1/29/2024	ND	0.24 J
2/14/2024	3.9	0.13 J
3/13/2024	2.7	0.22 J

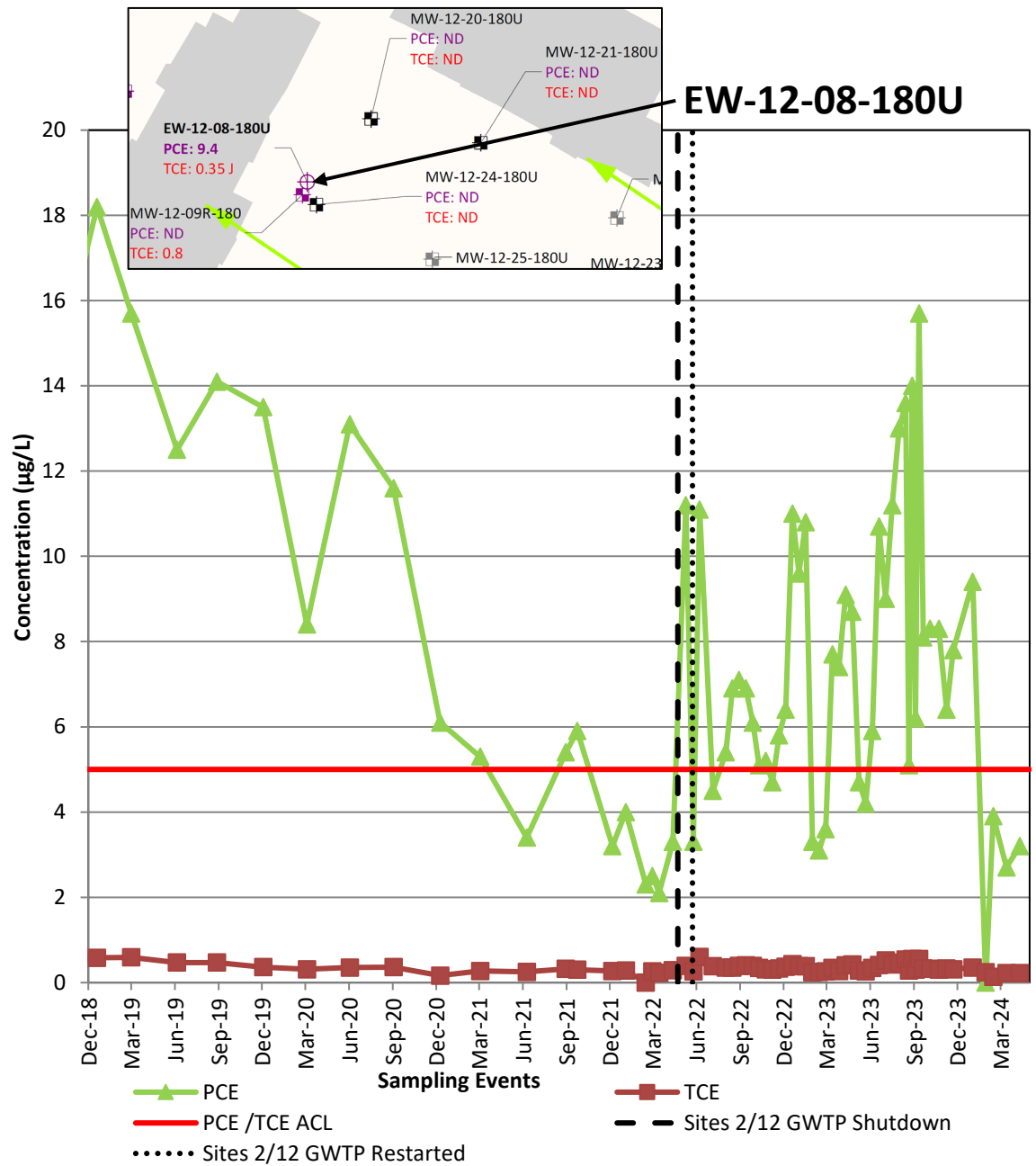


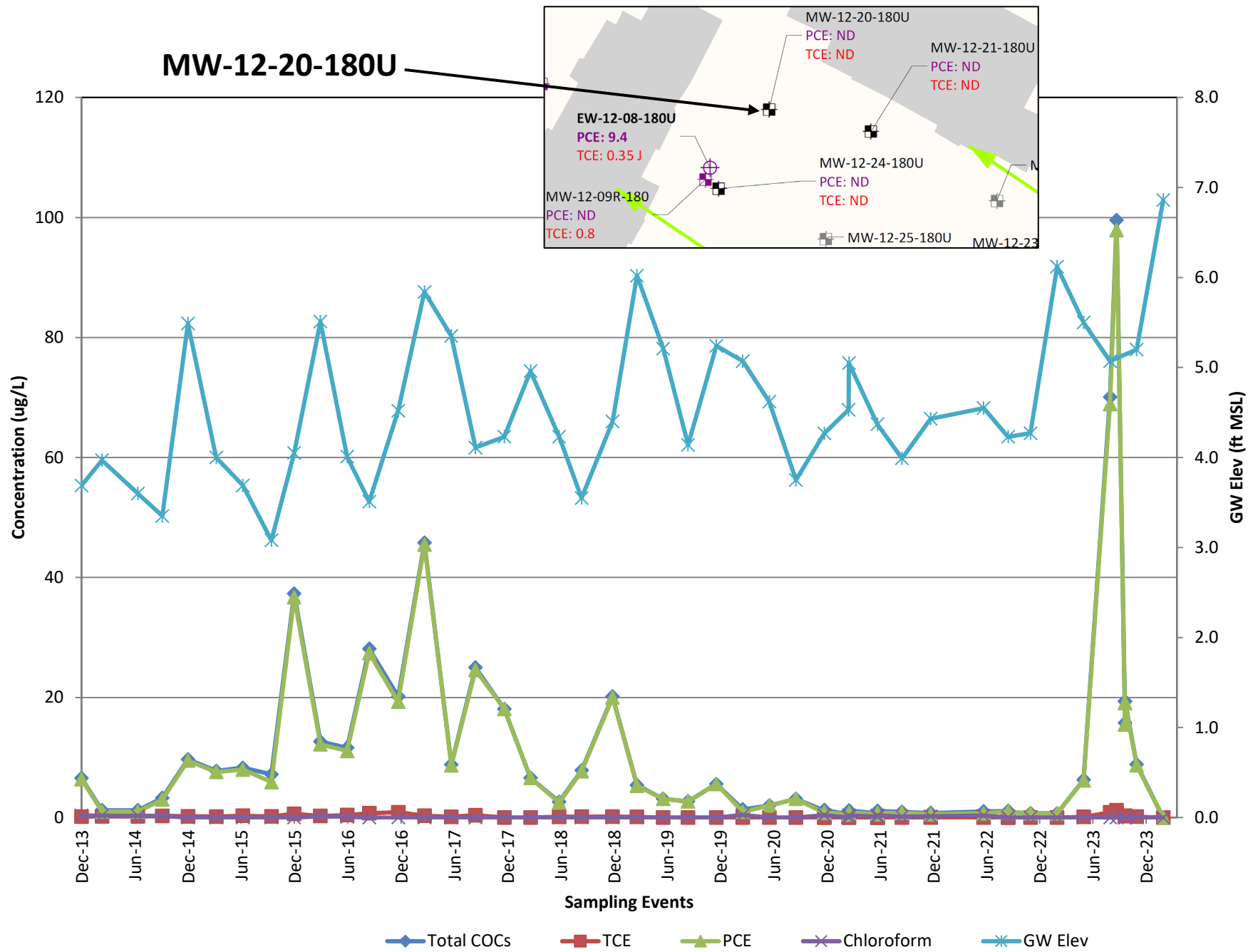
NOTES:
 (1) First quarter samples were collected between January 2, 2024 and March 13, 2024.
 (2) EW-12-08-180U was sampled more frequently than quarterly during the reporting period. The highest concentration of COCs detected are presented in the figure, and all results are included in a table.
 (3) Contour is based on one interpretation of the data that was available at the time this report was prepared; other interpretations may be possible.
 (4) Contours based on highest value obtained from multiple bags where applicable.
 (5) PCE and other COC ACL exceedance plumes are illustrated when present.

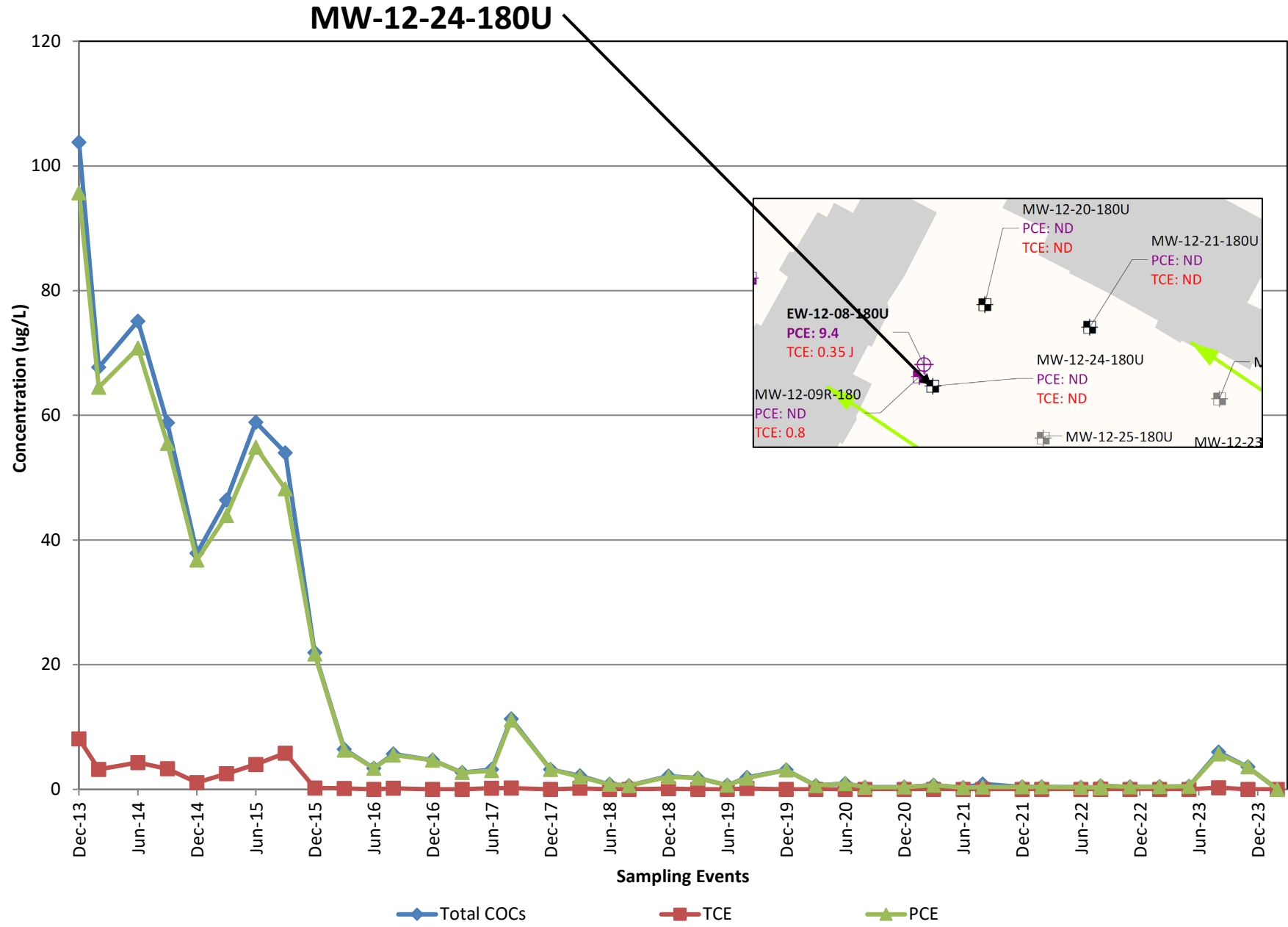
Table 2. Sites 2/12 Groundwater Extraction/Monitoring Well PCE Data

Well Identification ¹	Select COC Concentrations (µg/L) ²							
	2Q2022	3Q2022	4Q2022	1Q2023	2Q2023	3Q2023	4Q2023	1Q2024
ACL:	5.0							
EW-12-03-180M	ND (0.25)	0.39 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	NS	NS
EW-12-05-180M	0.67 0.50 0.61	0.56 0.50 0.52	ND (0.25)	0.46 J 0.47 J	0.44 J 0.49 J 0.50 0.47 J	0.52 0.51 0.54 0.56	0.5 0.37 J 0.53	NS
EW-12-07-180M	0.11 J	ND (0.25)	ND (0.25)	ND (0.25)	0.13 J	ND (0.25)	ND (0.25)	ND (0.25)
EW-12-08-180U	3.3 J- 11.2 3.3 11.1	4.5 5.4 6.9 7.1 6.9 6.1 J+	5.1 5.2 4.7 5.8 6.4 11	9.6 10.8 3.3 3.1 3.6 7.7 7.4	9.1 8.7 4.7 4.2 J- 5.9 10.7	9.0 11.2 13.0 13.6 5.1 14.0 6.2 15.7 8.1	8.3 8.3 6.4 7.8	9.4 ND (0.25) 3.9 2.7 3.2
MW-12-09R-180	0.14 J	0.65	0.16 J	0.12 J	0.14 J	0.12 J	0.17 J	ND (0.25)
MW-12-14-180M	0.25 J	0.27 J	0.20 J	0.20 J	0.22 J	0.23 J	0.19 J	ND (0.25)
MW-12-16-180M	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
MW-12-20-180U	0.70 J-	1.0	0.73	0.68	6.2 2.8	68.9 97.9	15.5‡ 19.1‡ 19.1‡ 8.7	ND (0.25)
MW-12-21-180U	0.27 J	0.24 J	0.30 J	0.11 J	0.17 J	0.22 J	0.24 J	ND (0.25)
MW-12-24-180U	0.34 J	0.56	0.39 J	0.43 J	0.47 J	5.7	3.6	ND (0.25)
MW-12-28-180U	NS	0.33 J	NS	NS	NS	0.34 J	NS	NS
MW-12-30-180U	0.40 J	0.39 J	0.33 J	0.24 J	0.18 J	0.27 J	NS	NS
MW-12-32-180U	0.35 J	0.37 J	0.34 J	0.28 J	0.18 J	0.33 J	NS	NS

Notes:
¹ Extraction wells not listed have met the QAPP decision rules to no longer operate.
² Concentration in **bold** and shaded exceeds the Aquifer Cleanup Level (ACL). Concentrations in gray text are ND.
 J: Estimated results below the limit of quantitation (LOQ)
 ND: The analyte was not detected at or above the limit of detection (LOD) NS: No sample (annual well)
 COC: chemical of concern µg/L: micrograms per liter * Preliminary results ‡ Profile of Stations 1-3
 TCE concentrations less than ACL since first quarter 2018







EXPLANATION

- Roads
 - Facilities
 - Soil Vapor Treatment Unit
- Well Type and COC Concentration**
- Soil Gas Probe Cluster: Tetrachloroethene (PCE) and trichloroethene (TCE) is below or equal to SG-SL
 - Soil Gas Probe Cluster: PCE is above SG-SL but below SGCL and TCE is below or equal to SG-SL
 - SVTU Influent
 - SVTU Effluent
 - Soil Gas Probe Cluster: Probe not sampled
 - Soil Vapor Extraction Well: Well not sampled

ND Chemical of Concern (COC) is non-detect

Well ID - Sample Location and Probe Depth
 TCE and PCE concentration (µg/L) with validation/lab qualifier.
 Italics when exceeds the SG-SL
 Bold when exceeds the SGCL.

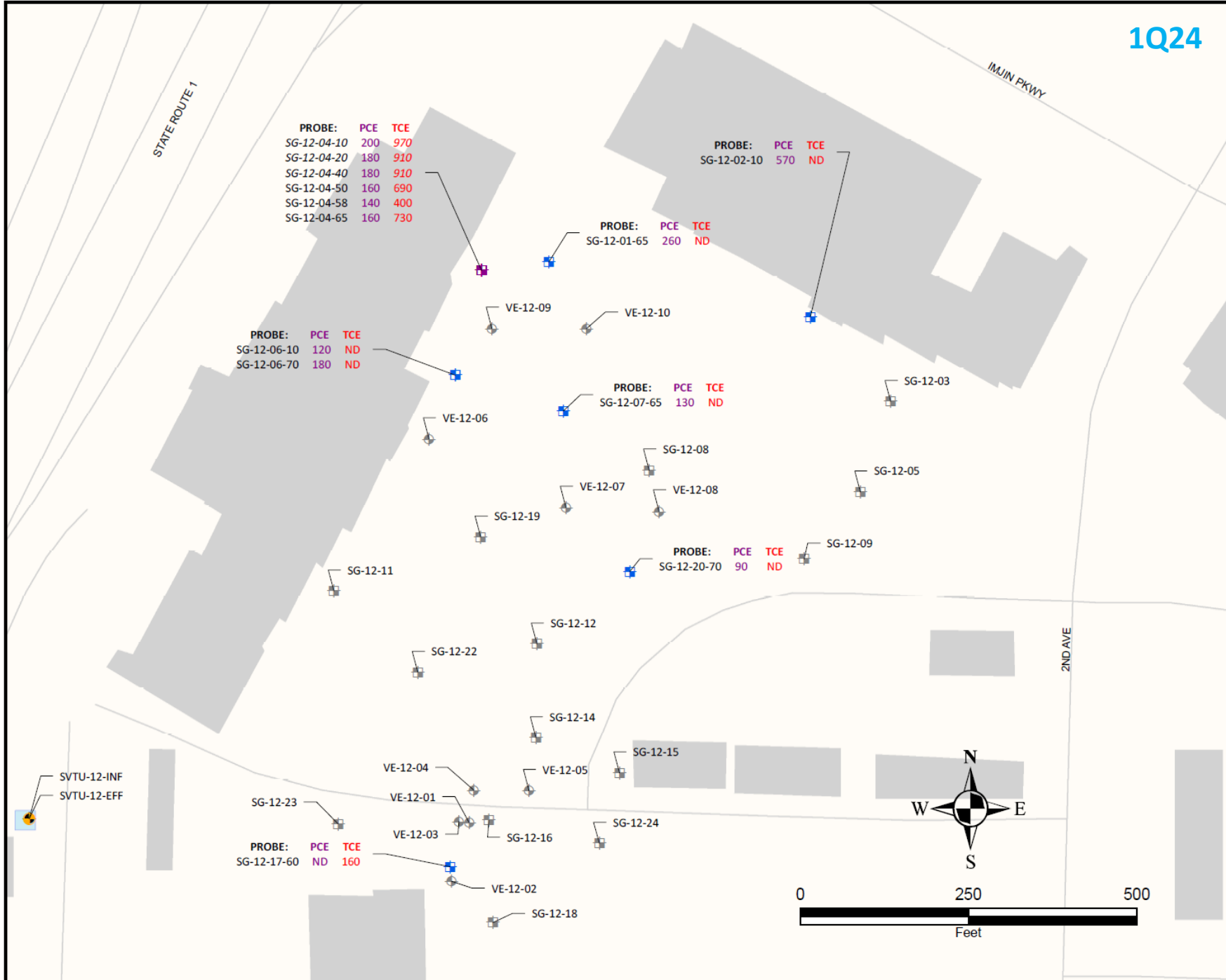
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NOTES:

- (1) Samples were collected between January 26, 2024 and January 30, 2024 while the SVETS was not in operation.
- (2) SG-12-18 was decommission during 1Q2024
- (3) SGCL refers to Soil Gas Cleanup Level
- (4) SG-SL refers to Soil Gas Screening Level

SOIL GAS PCE/TCE CONCENTRATIONS AND SGCL EXCEEDANCES
 FIRST QUARTER 2024

Sites 2 and 12, First Quarter 2024 Groundwater and Soil Gas Monitoring and Treatment System Report, Former Fort Ord, California



PROBE:	PCE	TCE
SG-12-04-10	200	970
SG-12-04-20	180	910
SG-12-04-40	180	910
SG-12-04-50	160	690
SG-12-04-58	140	400
SG-12-04-65	160	730

PROBE:	PCE	TCE
SG-12-02-10	570	ND

PROBE:	PCE	TCE
SG-12-01-65	260	ND

PROBE:	PCE	TCE
SG-12-06-10	120	ND
SG-12-06-70	180	ND

PROBE:	PCE	TCE
SG-12-07-65	130	ND

PROBE:	PCE	TCE
SG-12-20-70	90	ND

PROBE:	PCE	TCE
SG-12-17-60	ND	160

SVETS Operation Summary

- Four SVE wells operated in 2Q2023 based on COC exceedance observed in soil gas probes
- SVTU discharge in compliance with Monterey Bay Air Resources District rules
- SVETS in operation 33 days before 1Q2023 samples were collected
- Rebound minimal following 2Q2023 sampling event. Restarted SVETS on May 12, 2023.
- SVETS shutdown June 21, 2023 and baseline sampling conducted June 23, 2023 (SG-12-04-10, -20, -and 65)
- Rebound minimal following 3Q2023 and 4Q2023. SVETS remained offline.
- Rebound trends at SG-12-04 indicate TCE SGCL exceedance by 2Q2024.
- SVETS restarted on April 25, 2024.

Table 3. Sites 2/12 SVETS PCE and TCE Monitoring Results

SVETS ID	PCE					TCE				
	2Q23	3Q23	4Q23	1Q24	2Q24*	2Q23	3Q23	4Q23	1Q24	2Q24*
VE-12-02	ND	NS	NS	NS	ND	ND	NS	NS	NS	34 J
VE-12-06	51 J	NS	NS	NS	86	ND	NS	NS	NS	ND
VE-12-08	64 J	NS	NS	NS	64	ND	NS	NS	NS	ND
VE-12-09	120	NS	NS	NS	160	ND	NS	NS	NS	38 J
SVTU-INF	ND	NS	NS	NS	58	ND	NS	NS	NS	22
SVTU-EFF	ND	NS	NS	NS	9.2	ND	NS	NS	NS	1.6

Notes:

*Preliminary results

J = estimated result below the limit of quantitation (LOQ)

ND = not detected above the limit of detection (LOD)

NS = not sampled

Concentrations in **bold** exceed the SGCL

Concentrations in *italics* exceed the SG-SL

Results reported in micrograms per cubic meter (µg/m³)

COC	SGCL (µg/m³)	SG-SL (µg/m³)
PCE	1,800	<i>603</i>
TCE	1,000	<i>888</i>



Table 4. Sites 2/12 Soil Gas PCE and TCE Monitoring Results

Soil Gas Probe ID	Schedule
SG-12-01-65	Q
SG-12-02-10	Q ¹
SG-12-02-20	A
SG-12-02-30	A
SG-12-02-40	A
SG-12-02-50	A
SG-12-02-57	A
SG-12-02-65	R
SG-12-04-10	Q ³
SG-12-04-20	Q ³
SG-12-04-40	Q ³
SG-12-04-50	Q ³
SG-12-04-58	Q ³
SG-12-04-65	Q ³
SG-12-06-10	Q ¹
SG-12-06-70	Q ²
SG-12-07-65	Q
SG-12-17-60	Q
SG-12-20-10	A
SG-12-20-20	A
SG-12-20-70	Q

4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24*
PCE						
460	NS	350	340	390	260	390
<i>1,100</i>	580	<i>700</i>	<i>680</i>	<i>950</i>	570	<i>700</i>
NS	NS	NS	500	NS	NS	NS
NS	NS	NS	470	NS	NS	NS
NS	NS	NS	450	NS	NS	NS
NS	NS	NS	450	NS	NS	NS
NS	NS	NS	430	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS
480	ND	140 99	99	230	200	260
440	44 J	110 98	140	230	180	240
410	68	110	120	180	180	230
380	69 J	130	130	190	160	180
320	110	100	87	120	140	210
400	93	130 97	140	230	160	220
340	ND	100	85	150	120	160
420	ND	150	120	230	180	210
<i>660</i>	ND	420	180	190	130	240
ND	ND	ND	ND	ND	ND	ND
NS	NS	NS	410	NS	NS	NS
NS	NS	NS	220	NS	NS	NS
NS	NS	120	68	120	90	110

4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24*
TCE						
ND	NS	ND	22	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
NS	NS	NS	3.4	NS	NS	NS
NS	NS	NS	ND	NS	NS	NS
NS	NS	NS	ND	NS	NS	NS
NS	NS	NS	ND	NS	NS	NS
NS	NS	NS	ND	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS
2,500	59	360 170	170	720	<i>970</i>	1,200
2,200	130	300 170	280	770	<i>910</i>	1,000
1,900	150	220	230	500	<i>910</i>	<i>960</i>
2,000	170	300	260	550	690	690
1,400	160	120	67	160	400	700
1,900	290	290 170	300	760	730	1,100
ND	ND	ND	1.2	ND	ND	ND
ND	ND	ND	6.4	ND	ND	ND
39 J	ND	ND	9.9	ND	ND	ND
610	ND	70	62	120	160	160
NS	NS	NS	ND	NS	NS	NS
NS	NS	NS	1.5	NS	NS	NS
NS	NS	ND	1.4	ND	ND	ND

Last Exceedance			
PCE		TCE	
SG-SL	SGCL	SG-SL	SGCL
2Q15	4Q13	--	--
2Q24	3Q15	--	--
3Q22	4Q13	--	--
3Q22	--	--	--
3Q22	--	--	--
3Q22	--	--	--
3Q22	--	--	--
3Q18	--	--	--
2Q15	--	2Q24	2Q24
3Q15	--	2Q24	2Q24
1Q15	--	2Q24	4Q22
1Q15	--	3Q21	4Q22
1Q15	--	2Q22	4Q22
1Q15	--	2Q24	2Q24
3Q15	--	--	--
1Q17	--	--	--
4Q22	3Q15	--	--
--	--	--	4Q15
3Q22	3Q15	--	--
3Q22	2Q15	--	--
3Q15	2Q15	--	--

Notes:
 *Preliminary results
 -- = Never
 A = Annual
 J = estimated result below the limit of quantitation (LOQ)
 INV = investigation (adjacent probe above SGCL/SG-SL)
 ND = not detected above the limit of detection (LOD)
 NS = not sampled
 Q = Quarterly
 R = Removed
 Concentrations in **bold** exceed the SGCL
 Concentrations in *italics* exceed the SG-SL
 Results reported in micrograms per cubic meter (µg/m³)
¹ Quarterly probe due to proximity of store front in an area of historical soil gas concentrations above the SGCL.
² Will continue to sample probe quarterly if it is within the vicinity of the current groundwater plume above the ACL (probe adjacent to deepest probe will be sampled in lieu if deepest probe is in saturated zone).
³ Quarterly probe due to concentration above SGCL.

	SGCL (µg/m³)	SG-SL (µg/m³)
PCE	1,800	<i>603</i>
TCE	1,000	<i>888</i>

