

Table 1: Feb-Apr 2022 – Sites 2/12 GWTP and SVTU Statistics

Monthly Statistics	Volume Treated	Average Flow	Percent of Time Online	COC Mass Removed (pounds)
Feb 2022 GWTP	5,856,840 gal	140 gpm	100	0.15
Mar 2022 GWTP	6,249,600 gal	140 gpm	100	0.15
Apr 2022 GWTP	4,396,320 gal	102 gpm	72	0.09
Total since April 1999	2.284 billion gal			496
Feb 2022 SVTU	0 scf	0 scfm	0	0
Mar 2022 SVTU	0 scf	0 scfm	0	0
Apr 2022 SVTU	0 scf	0 scfm	0	0
Total since September 2015	1.374 billion scf			9.9

Table 2: Feb-Apr 2022 – Sites 2/12 Treated Water Analytical Results at TS-212-INJ

COC	Discharge Limit (µg/L) ²	Sample Date / Analytical Results		
		2/14/2022	3/14/2022	4/12/2022
1,1-Dichloroethene (1,1-DCE)	6	ND (0.25)	ND (0.25)	ND (0.25)
1,2-Dichloroethane (1,2-DCA)	0.5	ND (0.25)	0.12 J	0.15 J
1,3-dichloropropene (1,3-DCP) ¹	0.5	ND (0.25)	ND (0.25)	ND (0.25)
Chloroform	2	ND (0.25)	0.27 J	0.35 J
cis-1,2-dichloroethene (cis-1,2-DCE)	6	0.94	0.94	1.3
Tetrachloroethene (PCE)	5	ND (0.25)	ND (0.25)	ND (0.25)
Trichloroethene (TCE)	5	ND (0.25)	ND (0.25)	0.13 J
Vinyl Chloride (VC)	0.1	ND (0.05)	ND (0.25)	ND (0.25)

February-April and Future 2022 Key Events

- Feb 14-16: First Quarter 2022 Soil Gas Monitoring Program event.
- Feb-28 – Mar 4: First Quarter 2022 Groundwater Monitoring Program event. Sampled MW-12-30-180U March 14th.
- Apr 22: GWTS shut down – all COCs below ACLs in 4Q 2021 and 1Q 2022.
- Samples currently collected monthly from EW-12-05-180M and EW-12-08-180U.
- May 23-25: Second Quarter 2022 Soil Gas Monitoring Program event.
- Jun 6-10: Second Quarter 2022 Groundwater Monitoring Program event.
- Third Quarter 2022: Completion of remediation monitoring phase and confirm completion of attainment monitoring phase.
- Fourth Quarter 2022: discontinue GWMP and SGMP, propose site closure and GWTS and SVETS for decommissioning in a RACR.
- Shea Homes or Monterey Motorsports will decommission EW-12-04-180U, EW-12-04-180M, and MW-12-05-180 (no date set). Meeting with Doug Yount on Apr 26.
- Shea Homes or The Brass Tap will decommission SG-12-18 (no date set).

Notes:

¹ The reported value is the sum of both cis- and trans-isomers.

² Discharge limits are the ACLs for injection over the plume.

J: Estimated results below the limit of quantitation (LOQ).

ND: The analyte was not detected at or above the limit of detection (LOD).

gpm: gallon(s) per minute

gal: gallon(s)

COC: chemical of concern

NS: Not sampled

scf: standard cubic foot or feet

scfm: standard cubic feet per minute

µg/L: micrograms per liter

Results in *gray* are ND

*Preliminary data

Table 3. Sites 2/12 Select Groundwater Extraction/Monitoring Well Data TCE

Well Identification ¹	Select COC Concentrations (µg/L) ²											
	3Q 2019	4Q 2019	1Q 2020	2Q 2020	3Q 2020	4Q 2020	1Q 2021	2Q 2021	3Q 2021	4Q 2021	1Q2022	2Q2022*
ACL:	TCE 5.0											
EW-12-03-180M	1.7	1.3	2.1	0.62	2.4	2.3	0.14 J	0.7	0.6	0.26 J	0.12 J	
EW-12-05-180M	1.9	2.1	0.6	2.1	1.9	2.4	2	2.3	2.1	1.9	1.9	
EW-12-07-180M	1.1	0.81	0.78	0.63	0.54	0.59	0.56 J+	0.45 J	0.45 J	0.43 J	0.43 J	
EW-12-08-180U	0.47 J	0.36 J	0.31 J	0.35 J	0.36 J	0.16 J	0.27 J	0.25 J	0.32 J 0.30 J	0.27 J	0.28 J ND (0.25) 0.26 J 0.23 J	0.29 J
MW-12-09R-180	1.9	1.7	2.3	1.4	1.2	1.6	1.7	1.4	1.3 J+	1.5	1.4	
MW-12-14-180M	2.4	1.5	1.6	1.9	2.1	1.2	1.4 J+	1.4	1.7	1.1	1.1	
MW-12-16-180M	1.2	1.5	1.8	1.8	1.7	2.0	2.6	2.1	2.1	2.4	1.8	
MW-12-20-180U	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.066)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	
MW-12-21-180U	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.066)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	
MW-12-24-180U	0.13 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.066)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	
MW-12-28-180U	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.066)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	
MW-12-32-180U	0.42 J	0.54	0.84	0.57	0.64	0.7	0.55	0.62	0.71	0.46 J	0.44 J	

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)

COC: chemical of concern

µg/L: micrograms per liter

* Preliminary data.

Table 4. Sites 2/12 Select Groundwater Extraction/Monitoring Well Data PCE

Well Identification ¹	Select COC Concentrations (µg/L) ²											
	3Q 2019	4Q 2019	1Q 2020	2Q 2020	3Q 2020	4Q 2020	1Q 2021	2Q 2021	3Q 2021	4Q 2021	1Q2022	2Q2022*
ACL:	PCE 5.0											
EW-12-03-180M	ND (0.25)	0.25 J	ND (0.25)	ND (0.25)	0.18 J	0.16 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	
EW-12-05-180M	0.71	0.66	0.68	0.95	0.65	0.79	0.71	0.73	0.61	0.47 J	0.48 J	
EW-12-07-180M	0.28 J	0.27 J	0.24 J	0.19 J	0.12 J	0.14 J	0.16 J	0.12 J	0.10 J	ND (0.25)	ND (0.25)	
EW-12-08-180U	14.1	13.5	8.4	13.1	11.6	6.1	5.3 J+	3.4	5.4 5.9	3.2	4.0 2.3 2.5 2.1	3.3
MW-12-09R-180	0.28 J	0.29 J	0.34 J	0.30 J	0.21 J	0.26 J	0.27 J	0.21 J	0.20 J	0.21 J	0.20 J	
MW-12-14-180M	0.28 J	0.34 J	0.31 J	0.43 J	0.36 J	0.32 J	0.34 J	0.31 J	0.34 J	0.28 J	0.20 J	
MW-12-16-180M	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	0.089 J	0.11 J	ND (0.25)	ND (0.25)	0.11 J	ND (0.25)	
MW-12-20-180U	2.7	5.6	0.94	2.0	3.1	0.87	0.81	0.75	0.79	0.55	0.51	
MW-12-21-180U	0.28 J	0.38 J	0.35 J	0.23 J	0.41 J	0.38 J	0.38 J	0.36 J	0.35 J	0.28 J	0.29 J	
MW-12-24-180U	1.8	3.1	0.6	0.94	0.33 J	0.36 J	0.68	0.29 J	0.37 J	0.40 J	0.40 J	
MW-12-28-180U	0.33 J	0.31 J	0.52	0.42 J	0.39 J	0.36 J	0.29 J	0.32 J	0.26 J	0.25 J	0.19 J	
MW-12-32-180U	0.41 J	0.54	0.71	0.48 J	0.64	0.73	0.50	0.52	0.63	0.47 J	0.38 J	

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.

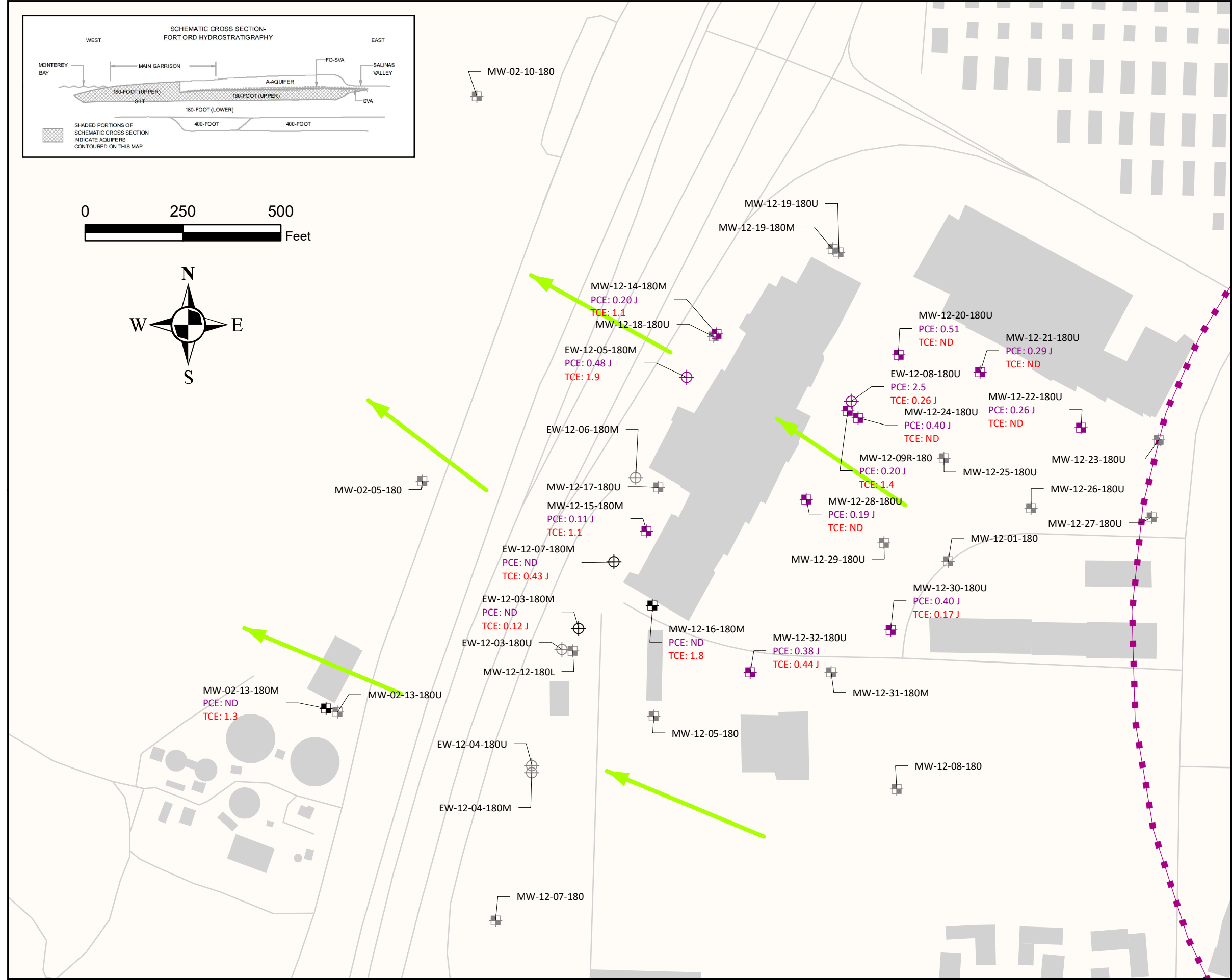
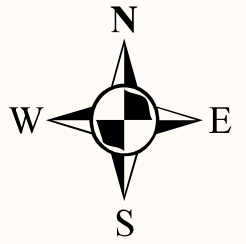
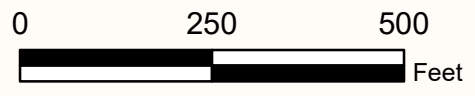
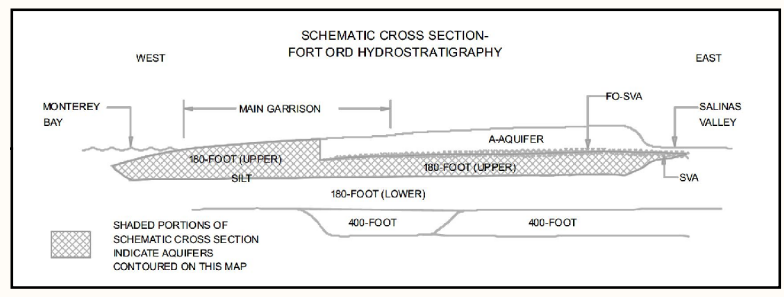
J: Estimated results below the limit of quantitation (LOQ)

ND: The analyte was not detected at or above the limit of detection (LOD)

COC: chemical of concern

µg/L: micrograms per liter

* Preliminary data



EXPLANATION

- General groundwater flow direction
- Approximate location of the Upper 180-Foot Aquifer Groundwater Divide
- Roads
- Facilities
- Well type and PCE detection**
- Extraction well with tetrachloroethene (PCE) detection less than or equal to ACL
- Extraction well with no PCE detection
- Monitoring well with PCE detection less than or equal to ACL
- Monitoring well with no PCE detection
- Extraction well not sampled
- Monitoring well not sampled

ND Chemical of Concern is non-detect

Well ID - Bold when ACL exceeded
PCE and/or TCE concentration (µg/L)
with validation/lab qualifier.

- NOTES:**
- (1) Samples were collected between February 28, 2022 and March 4, 2022.
 - (2) Contour is based on one interpretation of the data that was available at the time this report was prepared; other interpretations may be possible.
 - (3) Contours based on highest value obtained from multiple bags where applicable.
 - (4) PCE and other COC ACL exceedance plumes are illustrated when present.

GROUNDWATER PRELIMINARY PCE/TCE CONCENTRATIONS
UPPER 180-FOOT AQUIFER WEST OF THE SVA
FIRST QUARTER 2022
Sites 2 and 12, First Quarter 2022
Groundwater and Soil Gas Monitoring and Treatment
System Report, Former Fort Ord, California

EW-12-08-180U

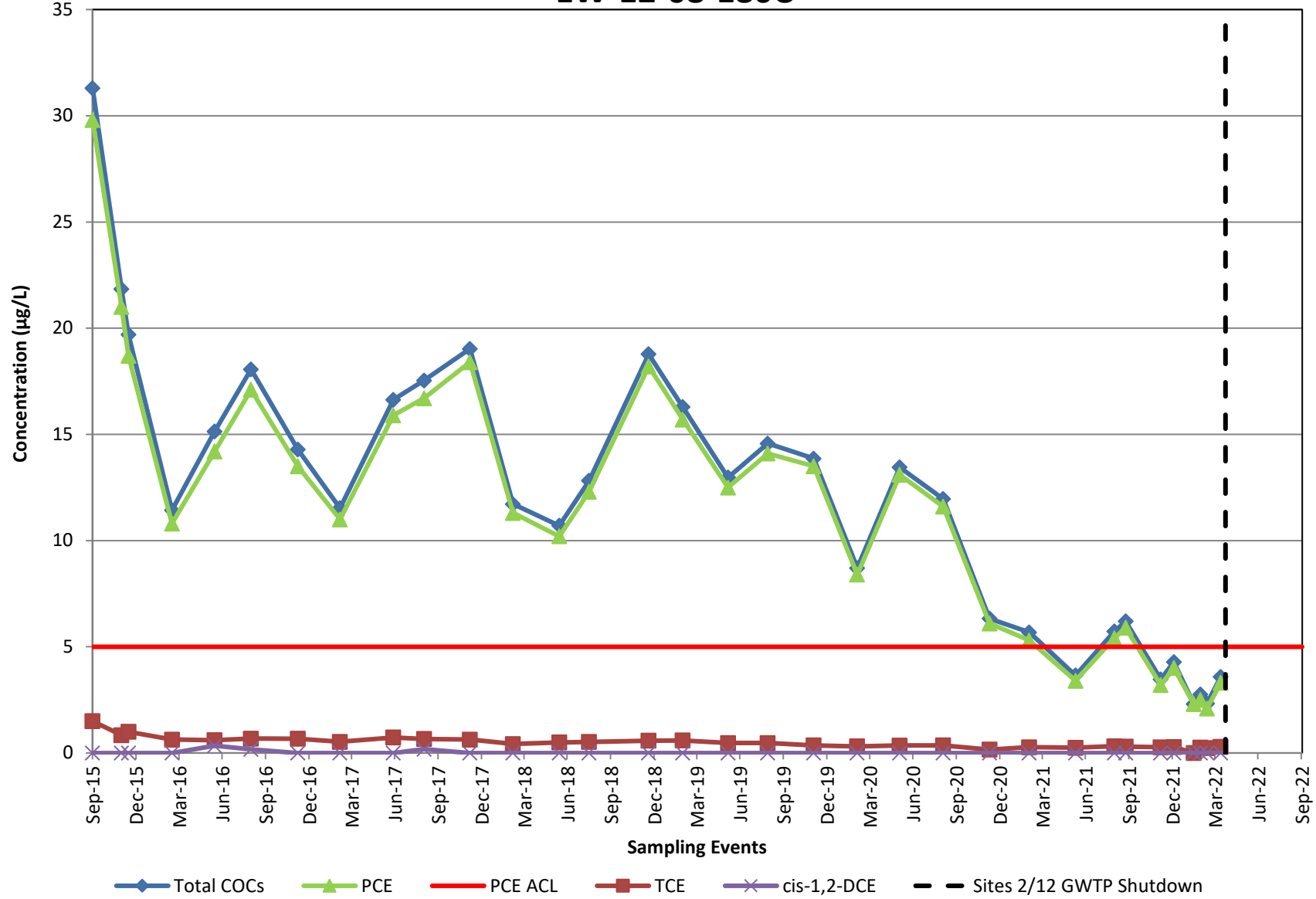


Table 5. Sites 2/12 Soil Gas PCE Monitoring Results

Soil Gas Probe ID	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
	PCE								
SG-12-01-30	230	ND	450	370	270	NS	490	NS	NS
SG-12-01-58	230	ND	410	ND	NS	NS	NS	NS	NS
SG-12-01-65	210	ND	330	270	220	280	380	NS	NS
SG-12-02-10	790	970	1,200	1,200	540	770	1,100	880	630
SG-12-02-20	NS	NS	940	NS	NS	NS	800	NS	NS
SG-12-02-30	NS	NS	760	NS	NS	NS	730	NS	NS
SG-12-02-40	NS	NS	830	NS	NS	NS	720	NS	NS
SG-12-02-50	NS	NS	820	NS	NS	NS	720	NS	NS
SG-12-02-57	NS	NS	760	NS	NS	NS	290	NS	NS
SG-12-02-65	NS	NS	600	NS	NS	NS	NS	NS	NS
SG-12-04-10	120	ND	100	120	100	150	280	290	220
SG-12-04-20	110	ND	100	130	99	150	260	260	210
SG-12-04-40	92	ND	83 J	87	89	NS	120	180	190
SG-12-04-50	92	52 J	85	110	100	120	210	200	210
SG-12-04-58	110	ND	81 J	120	NS	NS	NS	68 J	190
SG-12-04-65	97	ND	88	130	100	140	220	210	180
SG-12-06-10	120	ND	110	180	100	140	230	150	200
SG-12-06-70	160	NS	160	210	180	190	260	270	290

Schedule
RB
RB
R
Q ¹
A
R
A
A
A
A
R
Q ³
Q ³
INV
Q ³
INV
Q ³
Q ¹
Q ²

Notes:
 *Preliminary results
 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
 RB = Rebound Study probe
 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 historic 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/m ³)	SG-SL (µg/m ³)
PCE	1,800	<i>603</i>
TCE	1,000	<i>888</i>



Table 6. Sites 2/12 Soil Gas TCE Monitoring Results

Soil Gas Probe ID	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	Schedule
	TCE									
SG-12-01-30	ND	ND	ND	ND	ND	NS	ND	NS	NS	RB
SG-12-01-58	ND	ND	ND	ND	NS	NS	NS	NS	NS	RB
SG-12-01-65	ND	ND	ND	ND	ND	ND	ND	NS	NS	R
SG-12-02-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	Q ¹
SG-12-02-20	NS	NS	ND	NS	NS	NS	ND	NS	NS	A
SG-12-02-30	NS	NS	ND	NS	NS	NS	ND	NS	NS	A
SG-12-02-40	NS	NS	ND	NS	NS	NS	ND	NS	NS	A
SG-12-02-50	NS	NS	ND	NS	NS	NS	ND	NS	NS	A
SG-12-02-57	NS	NS	ND	NS	NS	NS	ND	NS	NS	A
SG-12-02-65	NS	NS	ND	NS	NS	NS	NS	NS	NS	R
SG-12-04-10	1,300	ND	360	620	780	1,400	2,000	1,900	1,700	Q ³
SG-12-04-20	1,100	52 J	350	510	770	1,300	1,900	1,900	1,600	Q ³
SG-12-04-40	90	ND	ND	56 J	88	NS	220	780	780	INV
SG-12-04-50	630	140	180	230	530	720	1,000	1,300	1,200	Q ³
SG-12-04-58	440	46 J	170	250	NS	NS	NS	540	910	INV
SG-12-04-65	890	150	220	440	560	1,000	1,500	1,500	1,200	Q ³
SG-12-06-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	Q ¹
SG-12-06-70	ND	NS	ND	ND	ND	ND	ND	140	ND	Q ²

Notes:

- *Preliminary results
- 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
- RB = Rebound Study probe
- 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 historic 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/m ³)	SG-SL (µg/m ³)
PCE	1,800	603
TCE	1,000	888



EXPLANATION

— Roads

■ Facilities

Well Type and COC Exceedance

■ Site 12 Soil Gas Probe Cluster: Tetrachloroethene (PCE) and trichloroethene (TCE) is below or equal to SG-SL

■ Site 12 Soil Gas Probe Cluster: PCE is above SG-SL but below or equal to SGCL and TCE is non-detect

■ Site 12 Soil Gas Probe Cluster: TCE is above SGCL levels and PCE is below or equal to SG-SL

■ Site 12 Soil Gas Probe Cluster: Probe not sampled

■ Site 12 Soil Vapor Extraction Well: Extraction 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.

Probe
 SG-12-04-10 PCE 220 TCE 1700

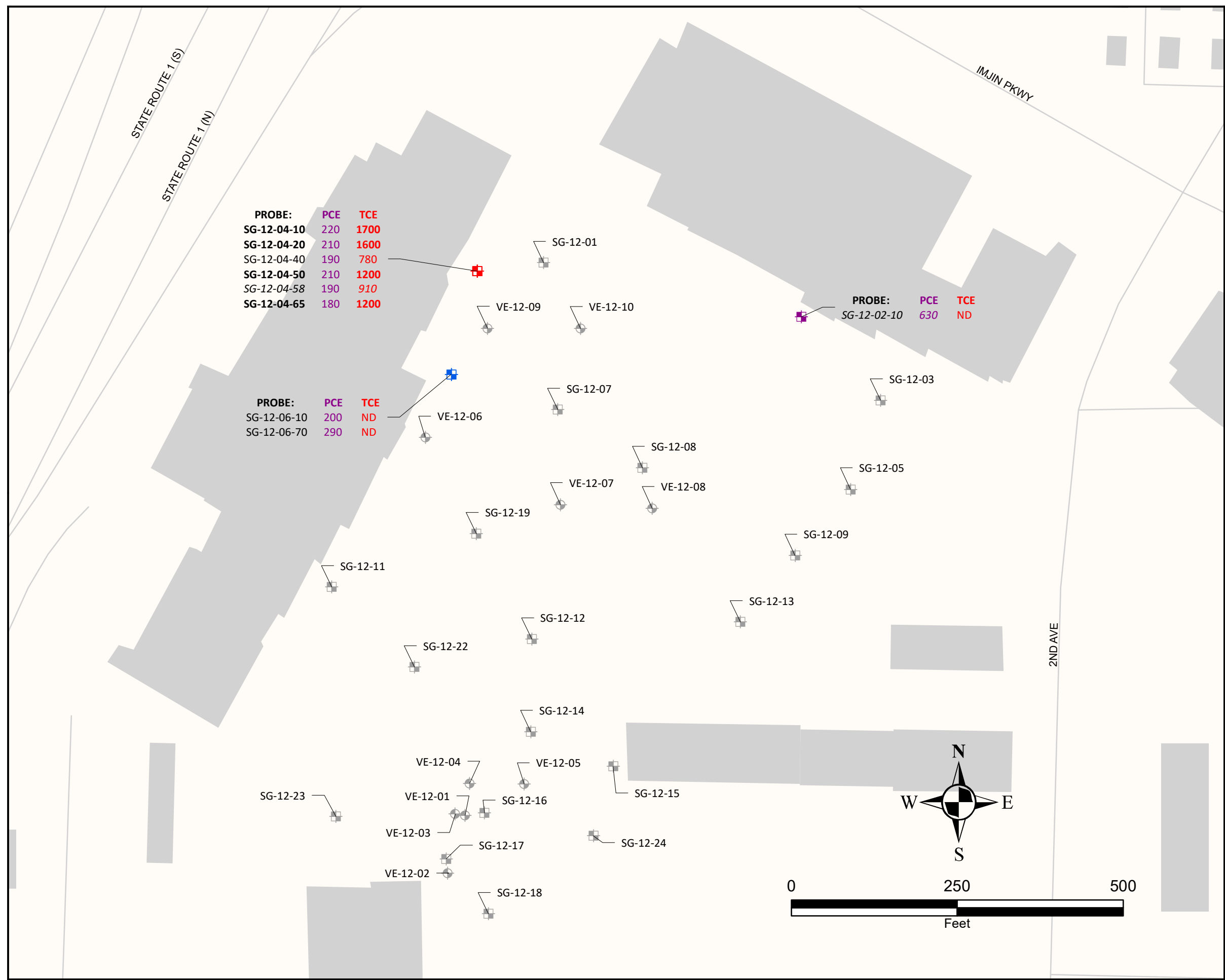
PROBE: PCE TCE
 SG-12-04-10 220 1700
 SG-12-04-20 210 1600
 SG-12-04-40 190 780
 SG-12-04-50 210 1200
 SG-12-04-58 190 910
 SG-12-04-65 180 1200

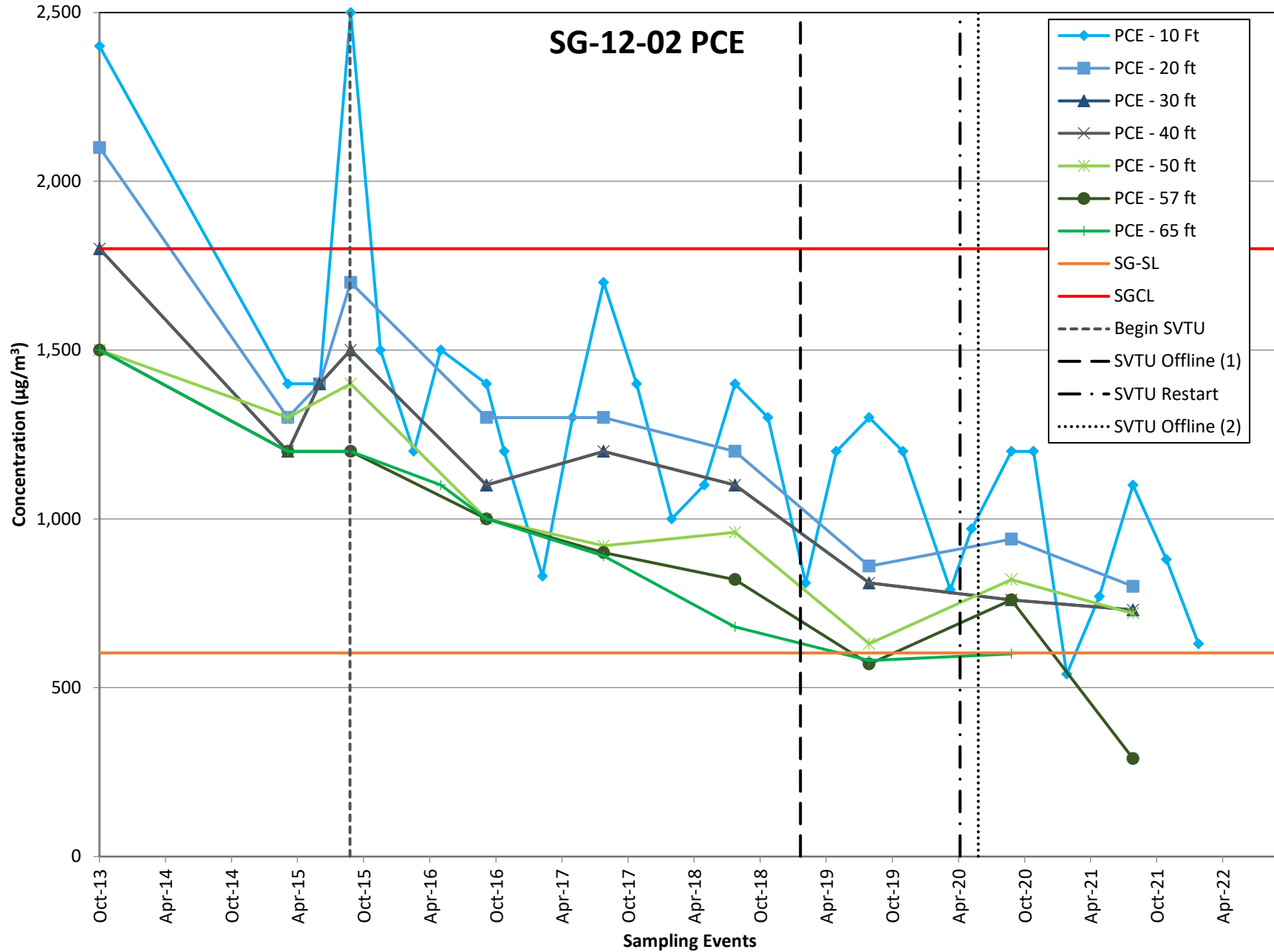
PROBE: PCE TCE
 SG-12-06-10 200 ND
 SG-12-06-70 290 ND

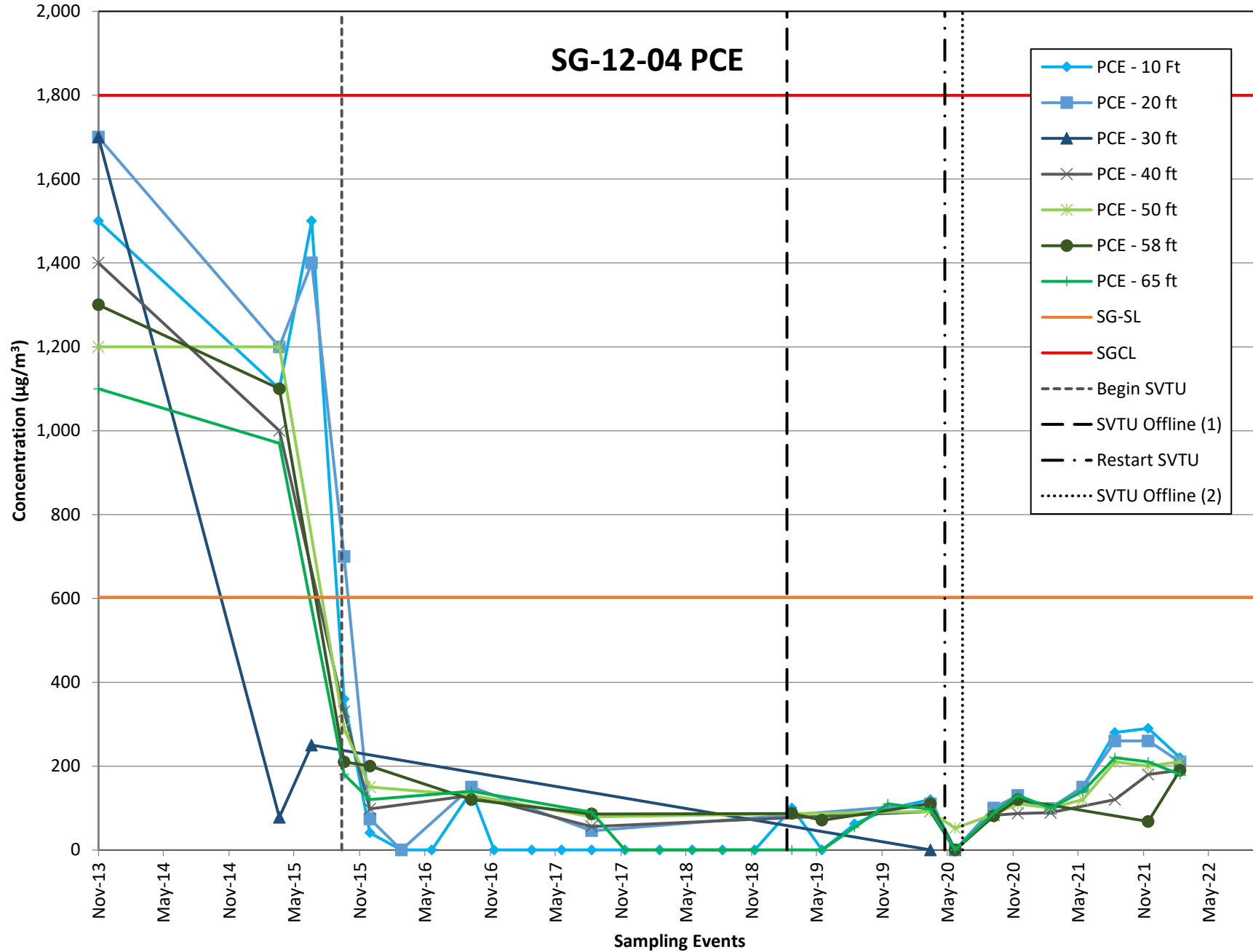
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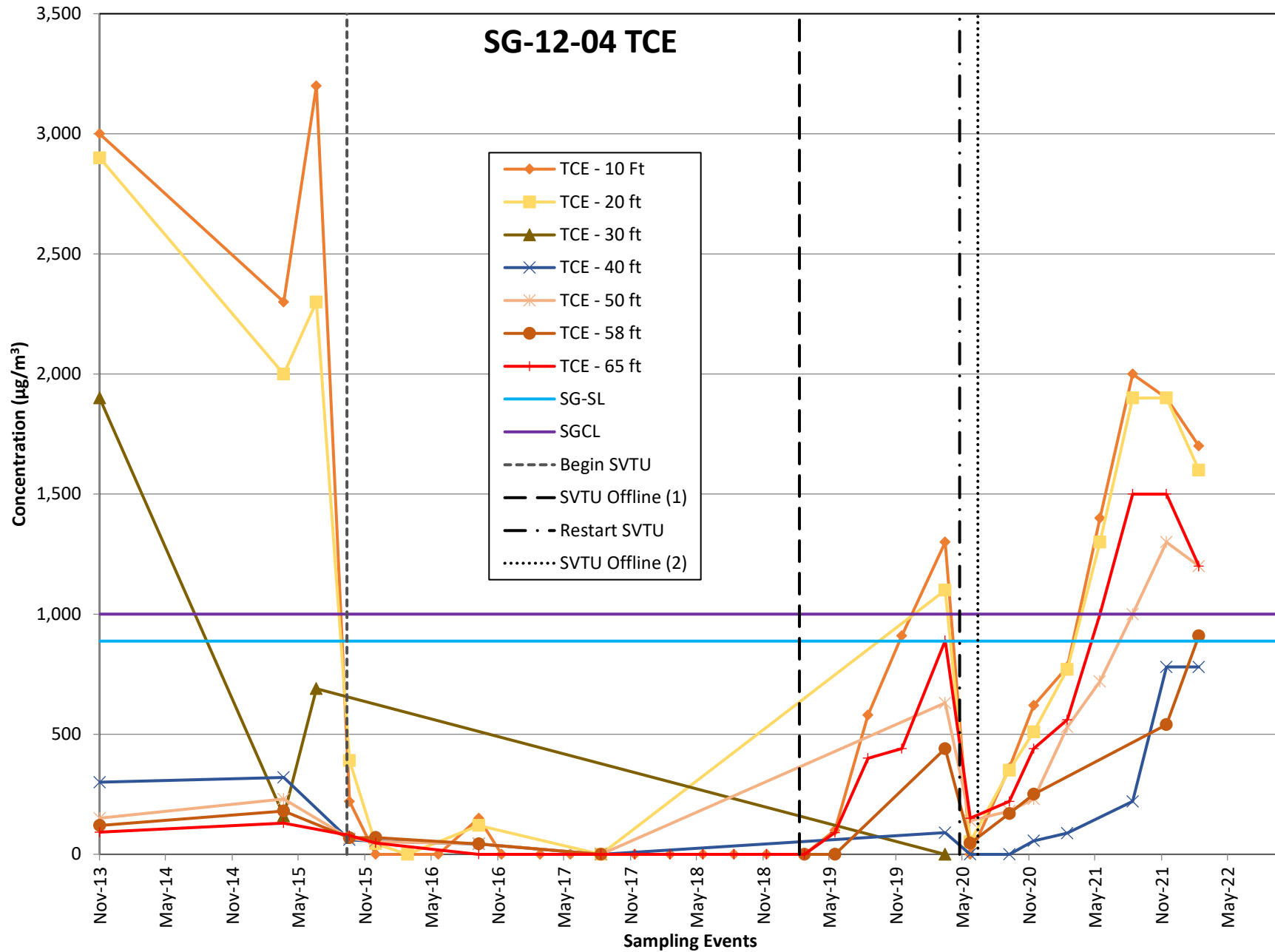
- NOTES:**
- (1) Samples were collected between February 14, 2022 and February 15, 2022.
 - (2) SGCL refers to Soil Gas Cleanup Level
 - (3) SG-SL refers to Soil Gas Screening Level

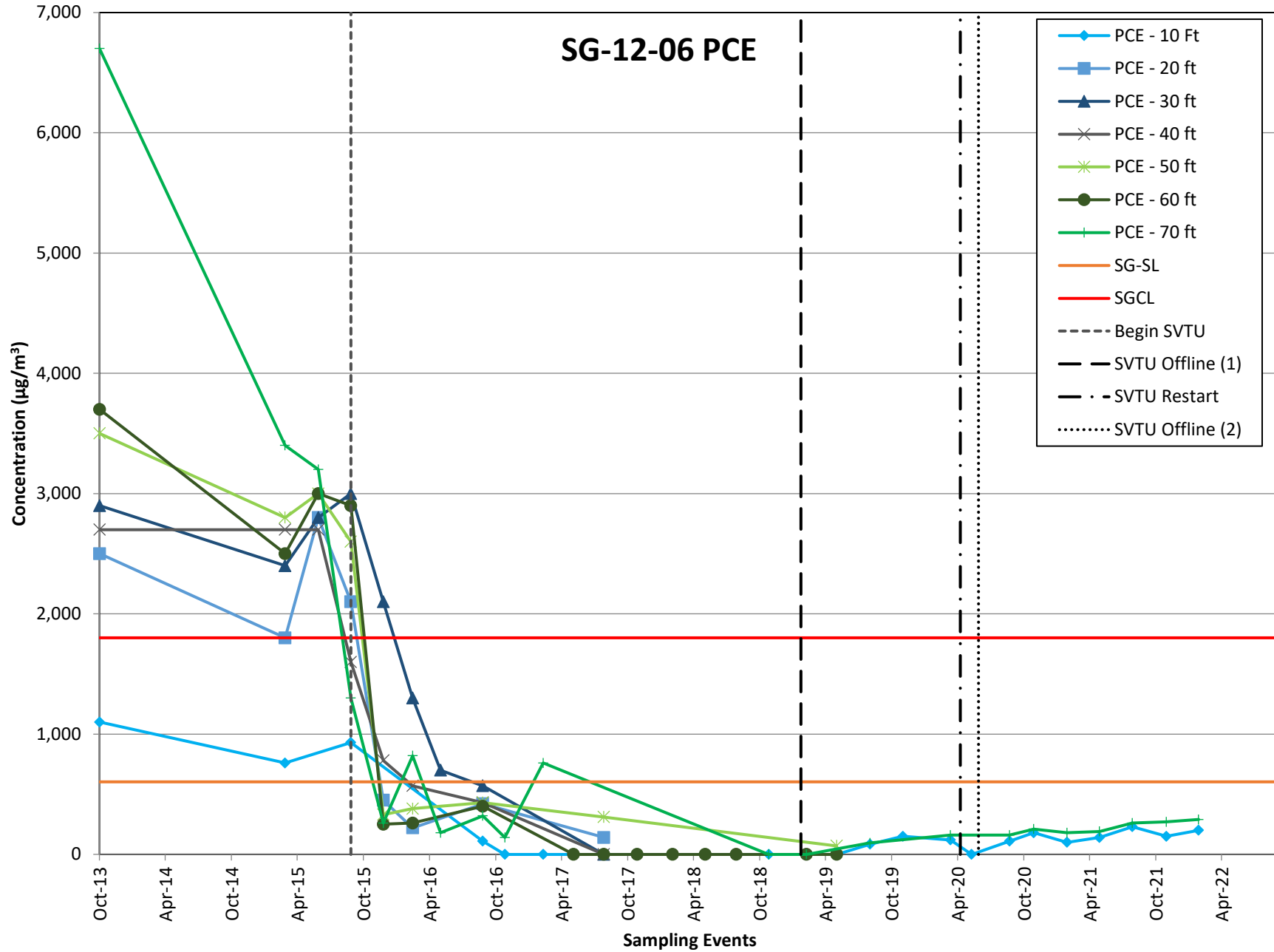
SOIL GAS PCE/TCE CONCENTRATIONS
 AND SGCL EXCEEDANCES
 FIRST QUARTER 2022
 Sites 2 and 12, First Quarter 2022
 Groundwater and Soil Gas Monitoring and Treatment
 System Report, Former Fort Ord, California

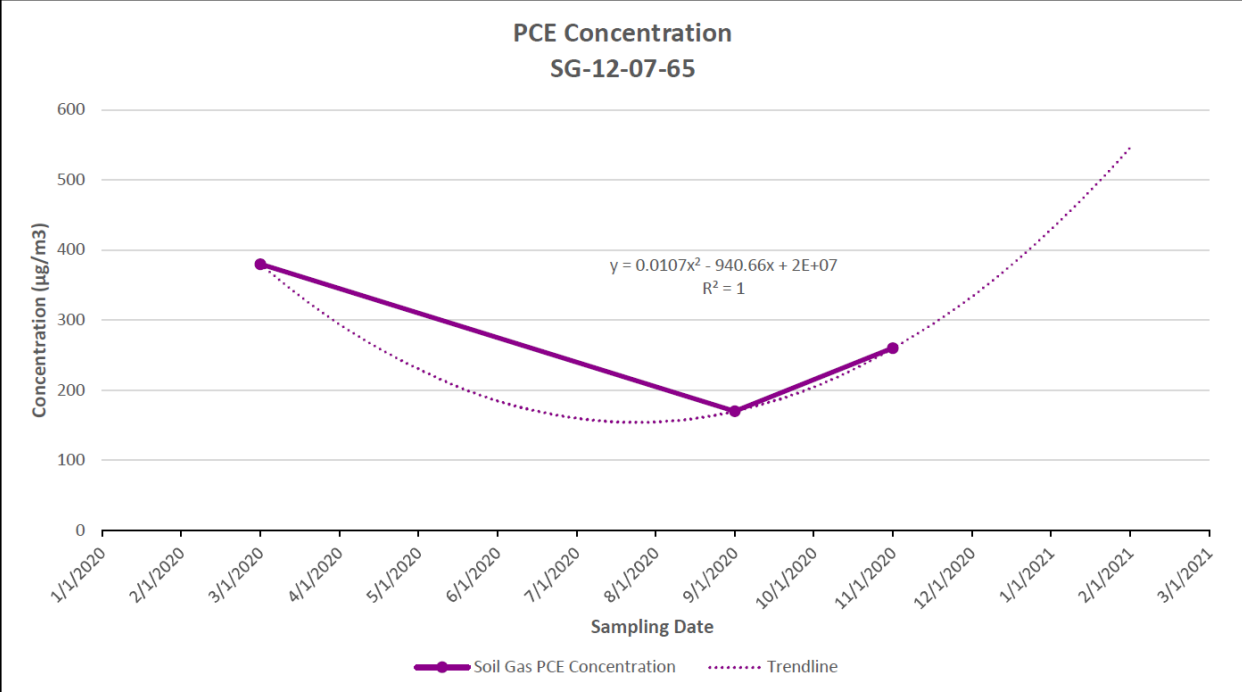
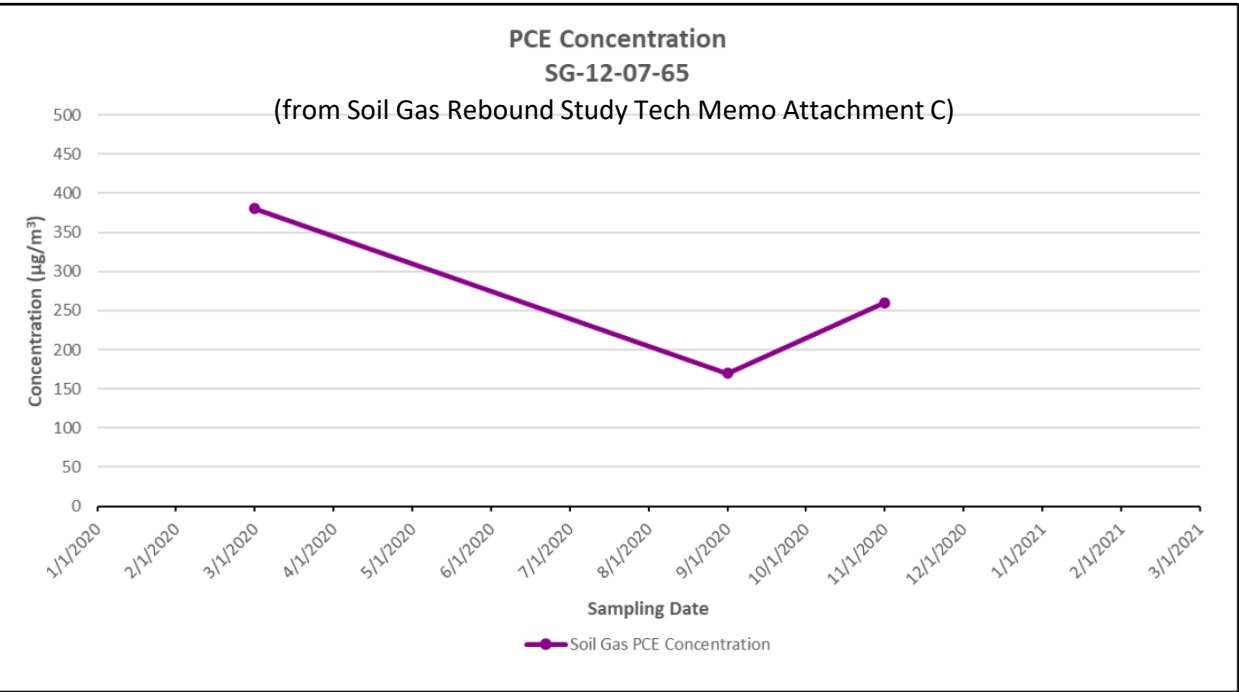








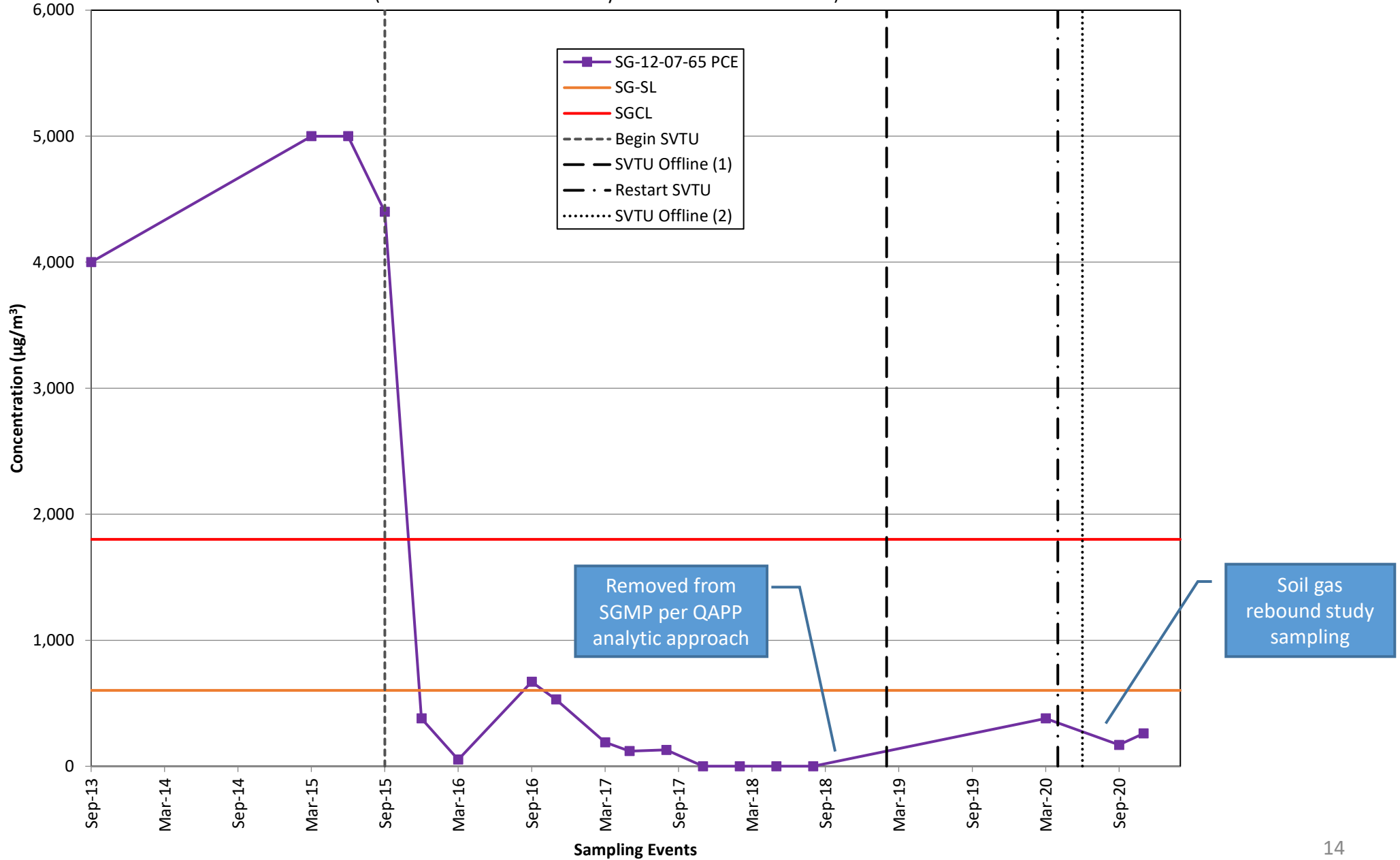


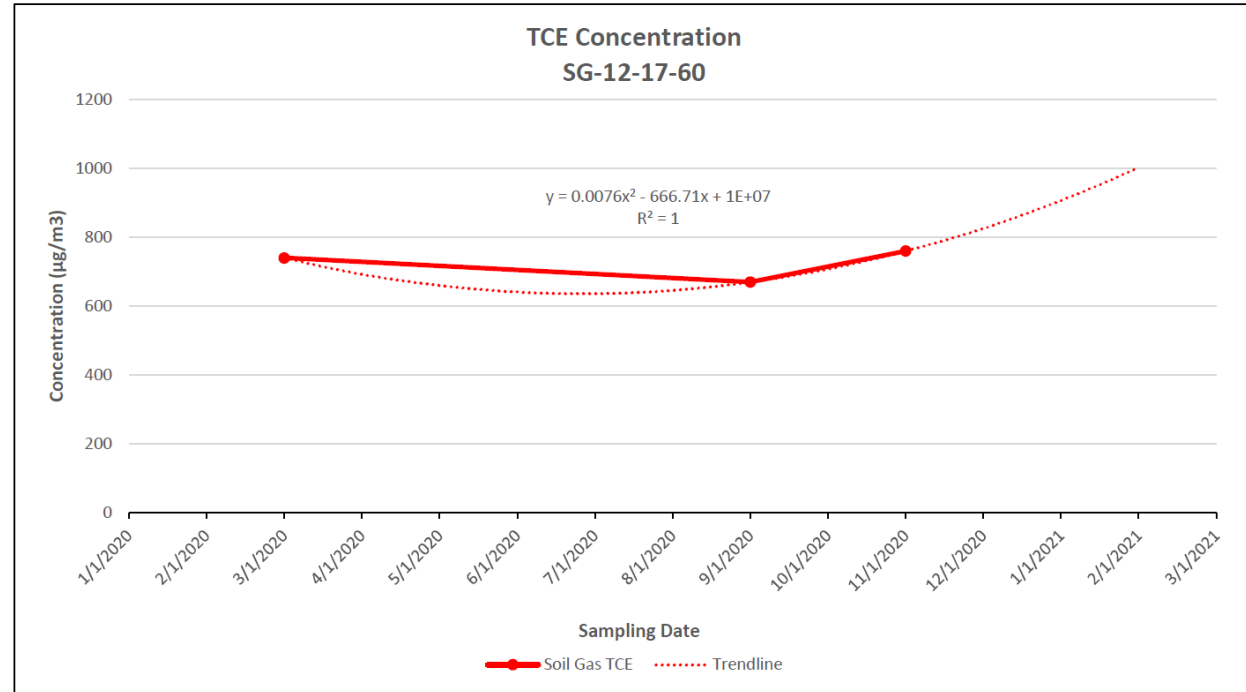
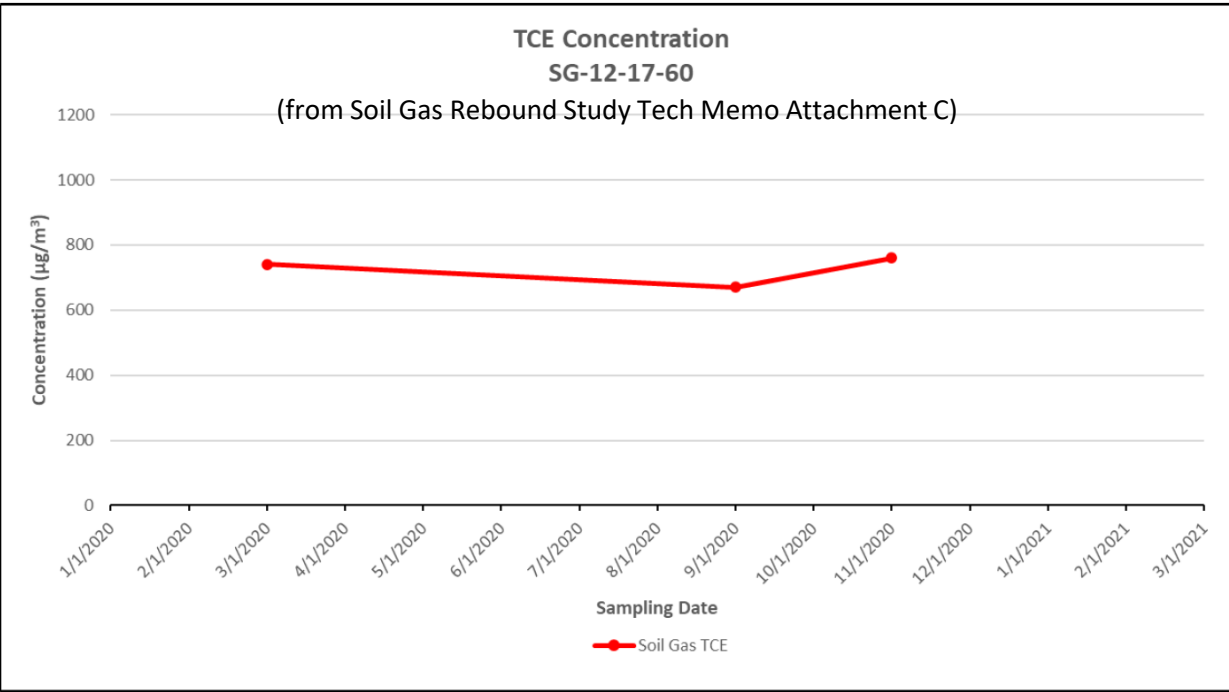


- SG-12-07-65 removed from the SGMP in 2018 per the Soil Gas QAPP analytic approach.
- Included in the soil gas rebound study:
 - To determine whether COC concentrations in soil gas are stable or declining since the SVETS has been offline
 - Within the deepest unsaturated portion of the vadose zone in the area of the June 2014 soil gas COC plume footprint.
- Per the Soil Gas Rebound Study Technical Memorandum:
 - Rebound might be occurring in isolated areas associated with specific soil gas probes.
 - There are only three data points and small sample size can result in misleading long-term trends; therefore, the significance of the trend could not be determined.
 - PCE and TCE concentrations have been below the SGCL and the SG-SL since 2016 regardless of SVETS operational status.

SG-12-07-65 PCE

(from Soil Gas Rebound Study Tech Memo Attachment D)

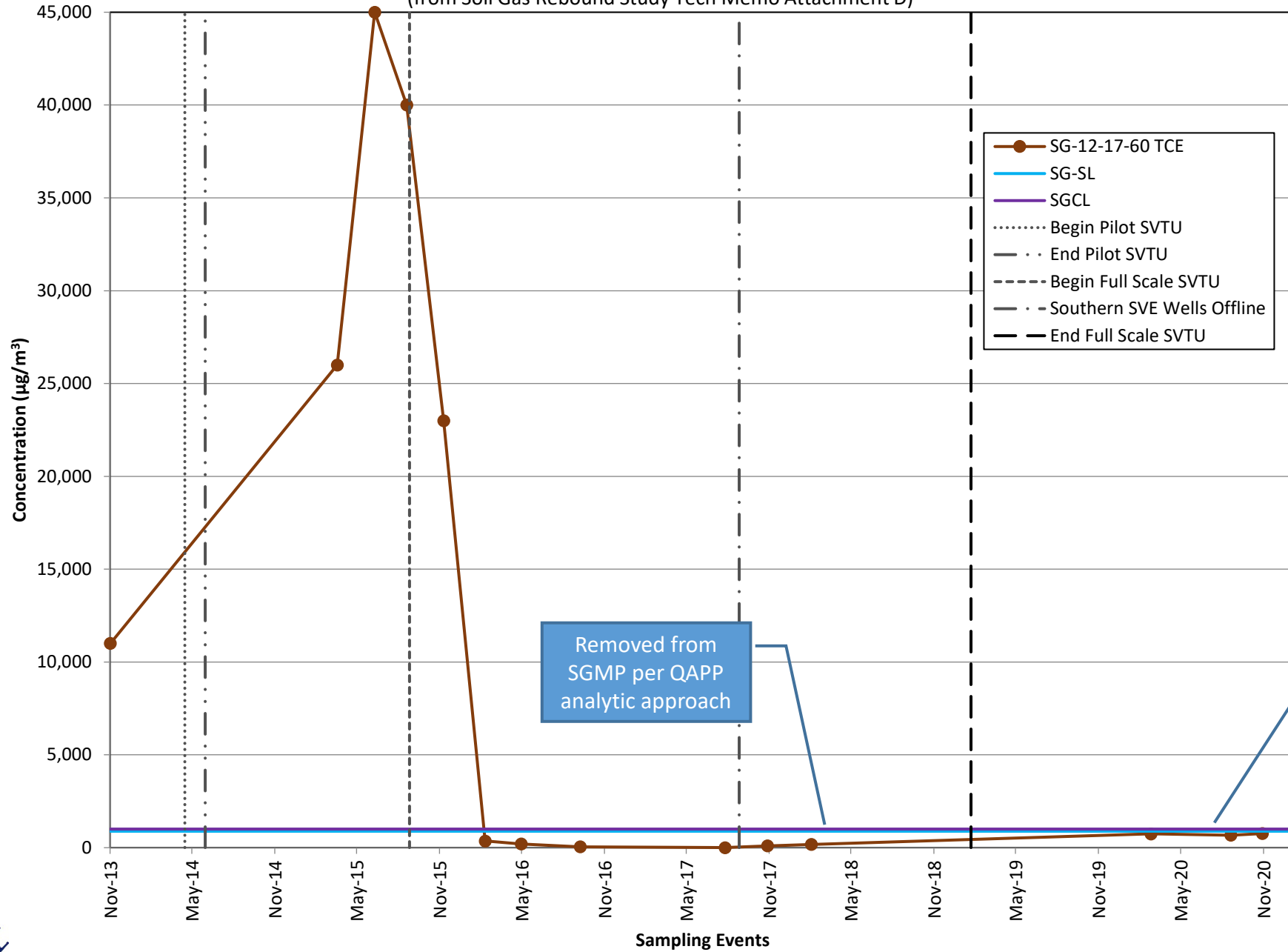




- SG-12-17-60 removed from the SGMP in 2018 per the Soil Gas QAPP analytic approach.
- Included in the soil gas rebound study:
 - To determine whether COC concentrations in soil gas are stable or declining since the SVETS has been offline
 - Within the deepest unsaturated portion of the vadose zone in the area of the June 2014 soil gas COC plume footprint.
- Per the Soil Gas Rebound Study Technical Memorandum:
 - Rebound might be occurring in isolated areas associated with specific soil gas probes.
 - There are only three data points and small sample size can result in misleading long-term trends; therefore, the significance of the trend could not be determined.
 - PCE was ND in all samples.
 - TCE concentrations have been below the SGCL and the SG-SL since 2016 regardless of SVETS operational status.

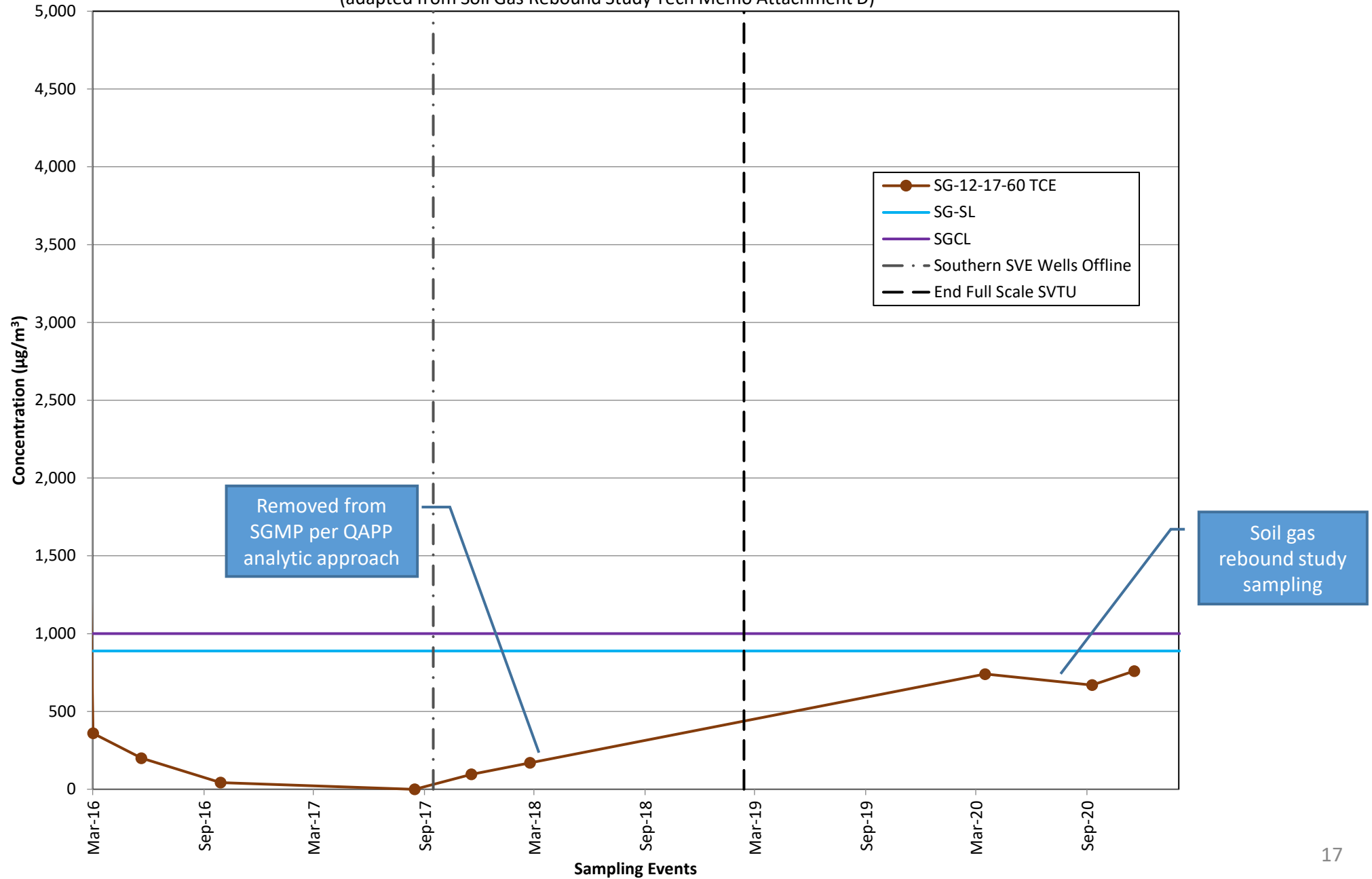
SG-12-17-60 TCE since 2013

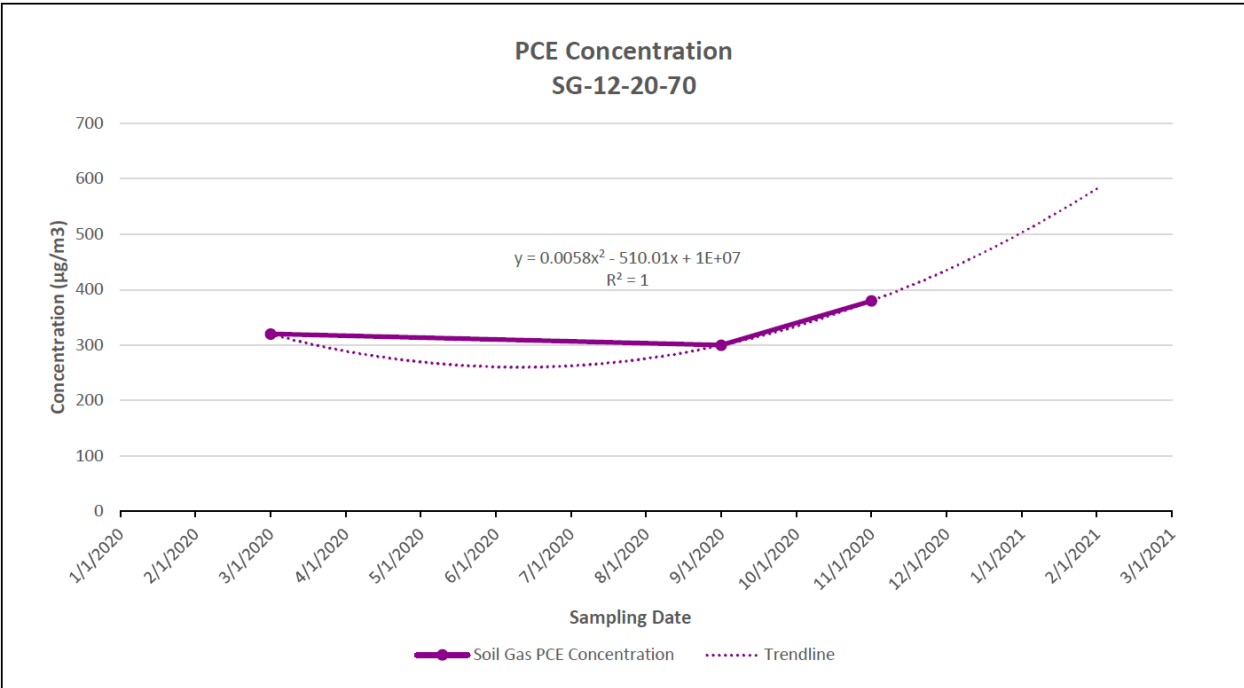
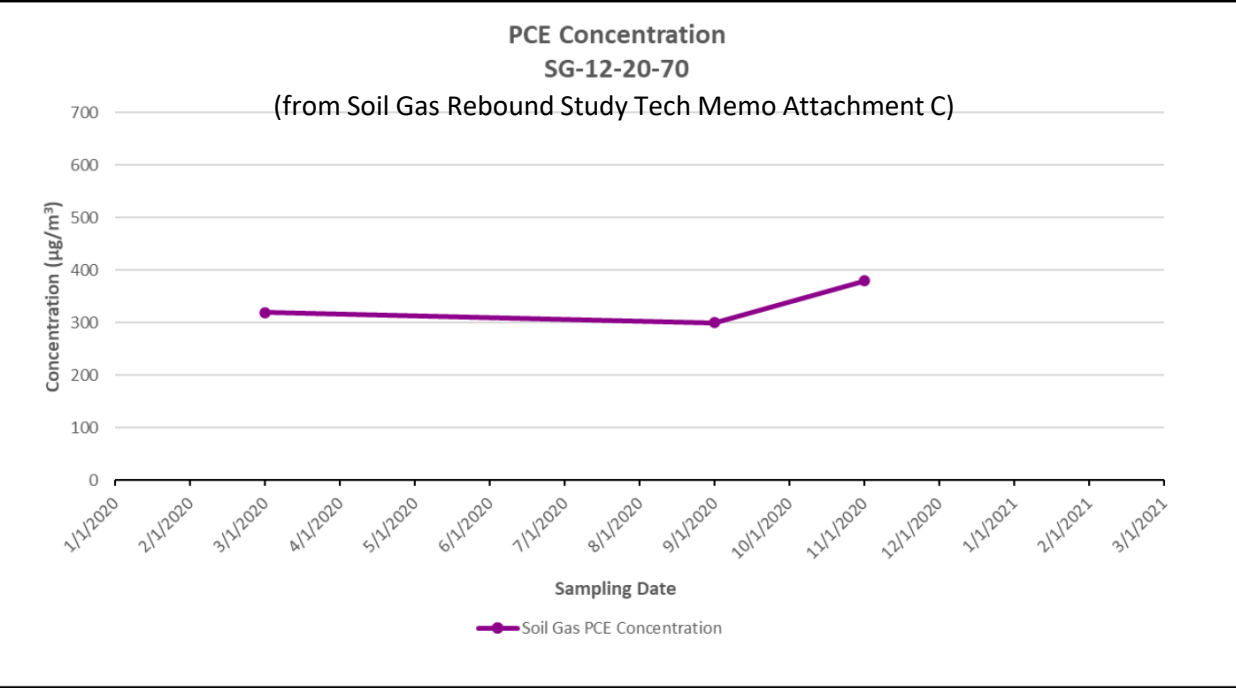
(from Soil Gas Rebound Study Tech Memo Attachment D)



SG-12-17-60 TCE since 2016

(adapted from Soil Gas Rebound Study Tech Memo Attachment D)

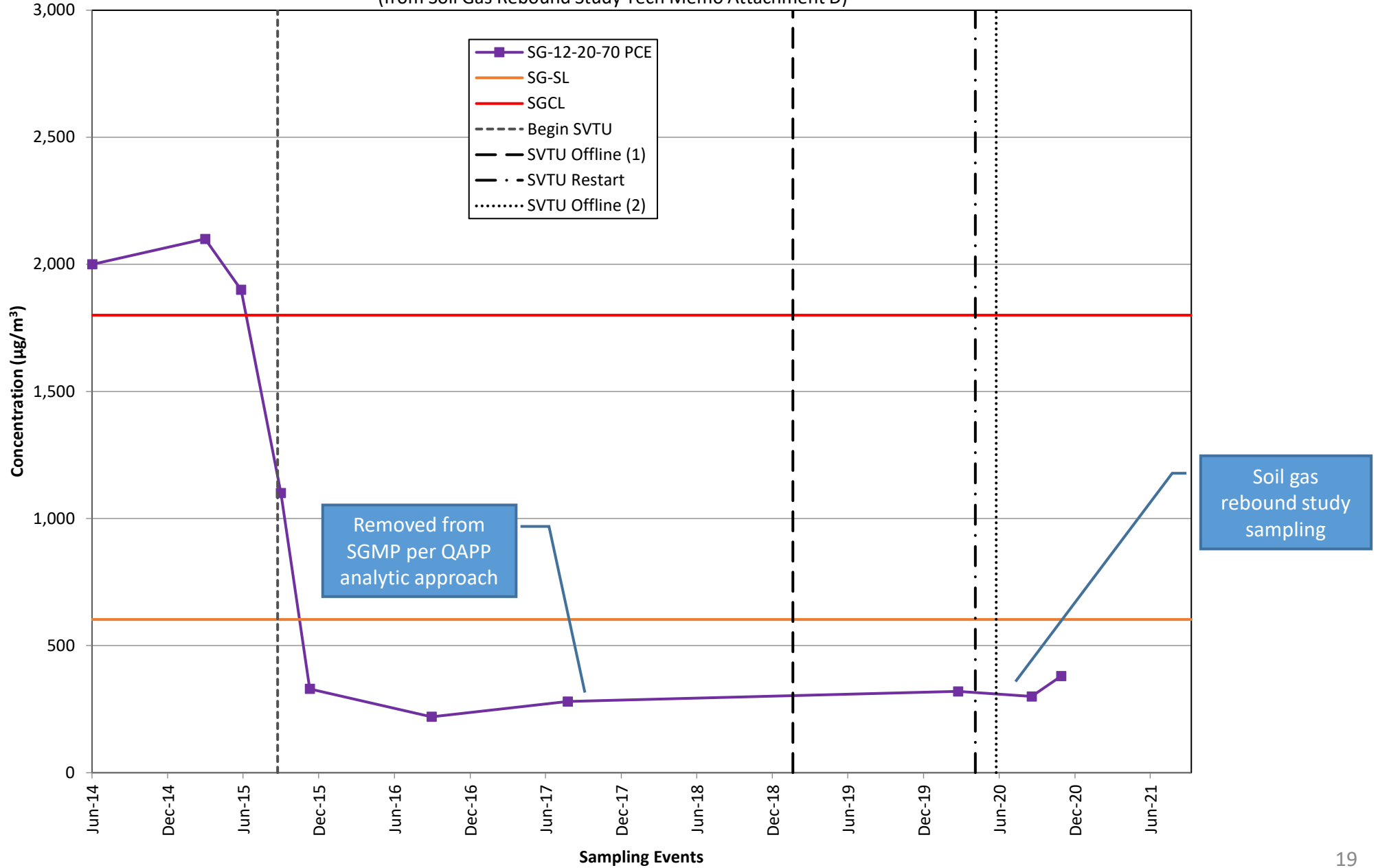


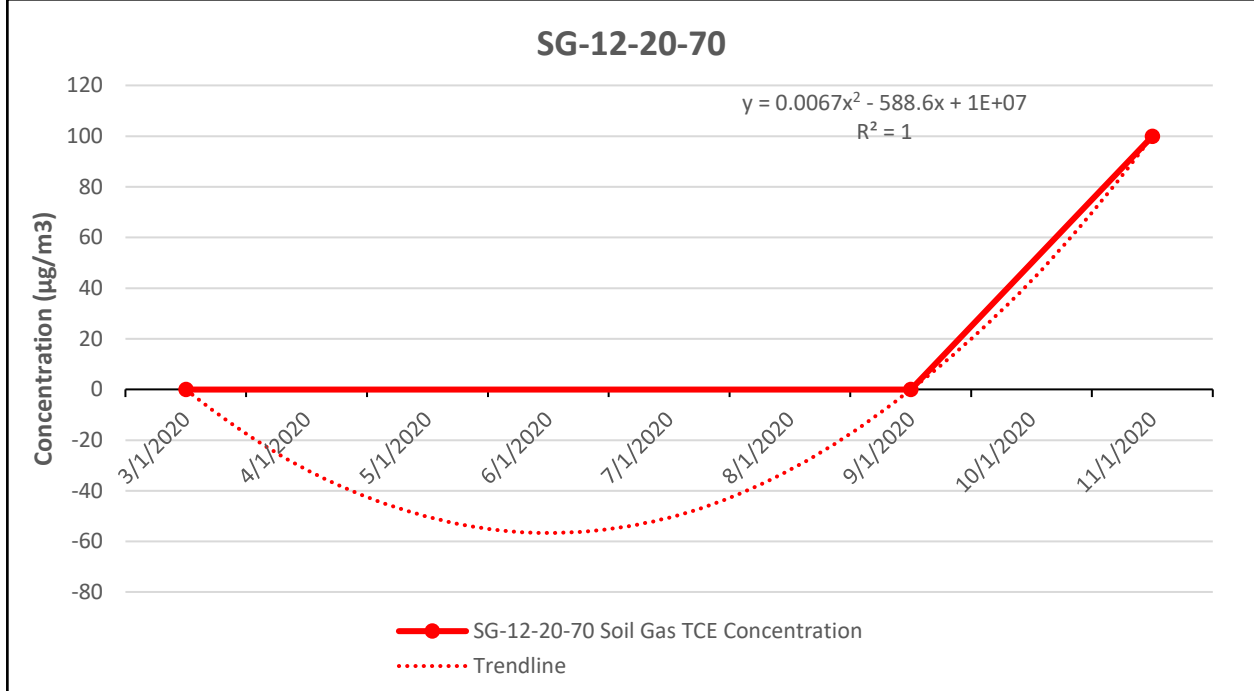
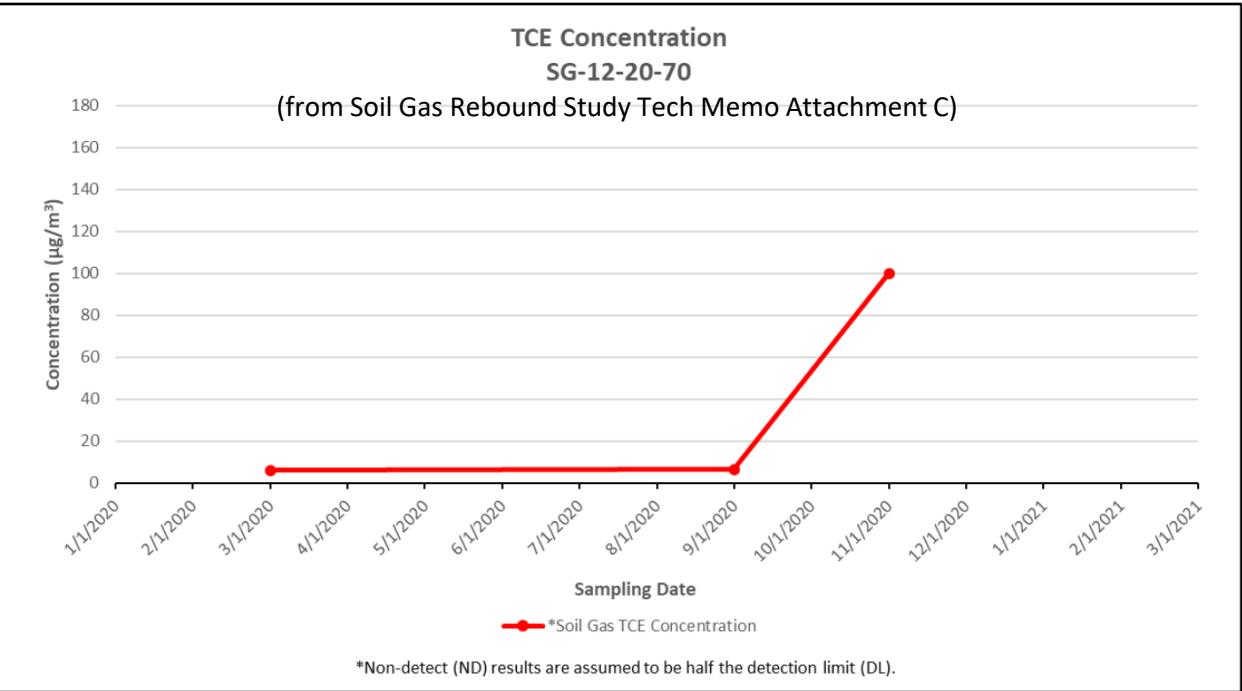


- SG-12-20-70 removed from the SGMP in 2017 per the Soil Gas QAPP analytic approach.
- Included in the soil gas rebound study:
 - To determine whether COC concentrations in soil gas are stable or declining since the SVETS has been offline
 - Within the deepest unsaturated portion of the vadose zone in the area of the June 2014 soil gas COC plume footprint.
- Per the Soil Gas Rebound Study Technical Memorandum:
 - Rebound might be occurring in isolated areas associated with specific soil gas probes.
 - There are only three data points and small sample size can result in misleading long-term trends; therefore, the significance of the trend could not be determined.
 - PCE concentrations have been below the SGCL and the SG-SL since 2015 regardless of SVETS operational status.

SG-12-20-70 PCE

(from Soil Gas Rebound Study Tech Memo Attachment D)

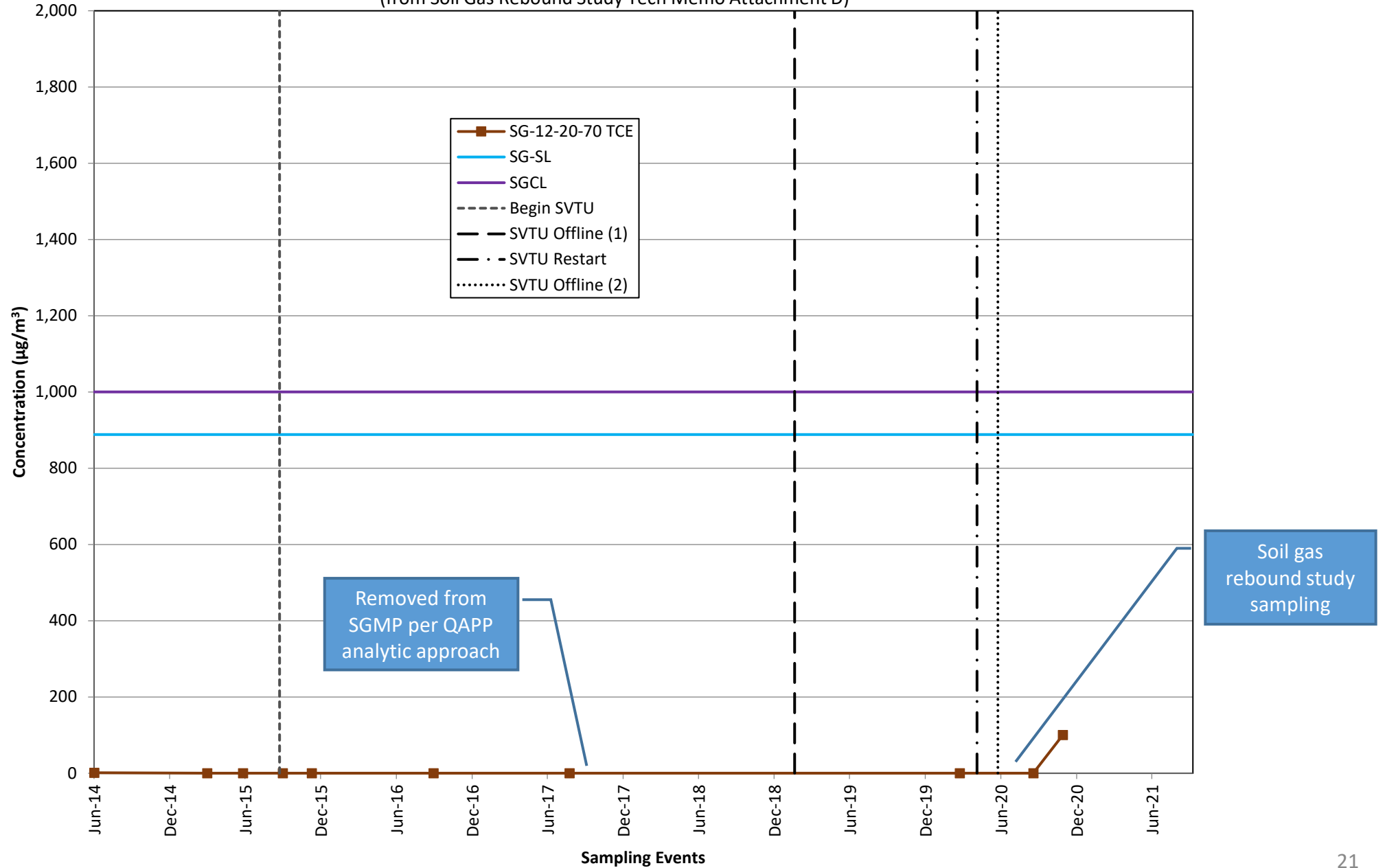




- SG-12-20-70 removed from the SGMP in 2017 per the Soil Gas QAPP analytic approach.
- Included in the soil gas rebound study:
 - To determine whether COC concentrations in soil gas are stable or declining since the SVETS has been offline
 - Within the deepest unsaturated portion of the vadose zone in the area of the June 2014 soil gas COC plume footprint.
- Per the Soil Gas Rebound Study Technical Memorandum:
 - Rebound might be occurring in isolated areas associated with specific soil gas probes.
 - There are only three data points and small sample size can result in misleading long-term trends; therefore, the significance of the trend could not be determined.
 - TCE concentrations have been below the SGCL and the SG-SL since 2014 regardless of SVETS operational status.

SG-12-20-70 TCE

(from Soil Gas Rebound Study Tech Memo Attachment D)



Indoor Air/Sub-Slab Sampling and Human Health Risk Assessment

- Indoor air and sub-slab sampling conducted in fall 2013 in retail spaces at The Dunes as part of RI/FS Addendum (BW-2721B).
- Risk assessment performed for the RI Addendum concluded remediation of soil gas and implementation of risk management strategies are not warranted at Sites 2/12 in the footprint of the retail stores.
- Additional indoor air and sub-slab samples collected in spring 2015 (BW-2793).
- Concentrations of PCE and TCE in samples collected in fall 2013 and spring 2015 were similar.
- Risk assessment was updated with spring 2015 data and confirmed RI/FS Addendum conclusions.
 - Indoor air concentrations of PCE and TCE in samples collected during the 2015 supplemental indoor investigation were below risk-based indoor air screening values.
 - Cancer risks and non-cancer hazards for the Indoor Retail Worker and Child and Adult Shopper receptors were below threshold criteria and do not present an unacceptable risk to workers or shoppers.
 - Calculated non-cancer hazards for the Indoor Retail Worker and the Indoor Child and Adult Shopper receptors were less than the regulatory target of 1 based on measured PCE and TCE indoor air concentrations.

