Table 1: July-Sept 2020 – Sites 2/12 GWTP and SVTU Statistics

| Monthly Statistics | Volume Treated | Average Flow | Percent of Time Online | COC Mass Removed (pounds) |
|----------------------------|-------------------|--------------|------------------------|---------------------------------|
| July 2020 GWTP | 6,204,960 gal | 139 gpm | 100 | 0.31 |
| Aug 2020 GWTP | 5,442,955 gal | 122 gpm | 88.9 | 0.27 |
| Sept 2020 GWTP | 6,023,808 gal | 139 gpm | 99.6 | 0.30 |
| Total since April 1999 | 2.170 billion gal | | | 492 |
| July 2020 SVTU | 0 scf | 0 scfm | 0 | 0.0 |
| Aug 2020 SVTU | 0 scf | 0 scfm | 0 | 0.0 |
| Sept 2020 SVTU | 0 scf | 0 scfm | 0 | 0.0 |
| Total since September 2015 | 1.374 billion scf | | | 9.9 |

Table 2: July-Sept 2020 – Sites 2/12 Treated Water Analytical Results at TS-212-INJ

| сос | Discharge Limit (µg/L) ² | Sample Date / Analytical Results 8/25/20 |
|--|--|--|
| 1,1-Dichloroethene (1,1-DCE) | 6.0 | ND (0.25) |
| 1,2-Dichloroethane (1,2-DCA) | 0.50 | 0.17 J |
| 1,3-dichloropropene (1,3-DCP) ¹ | 0.50 | ND (0.25) |
| Chloroform | 2.0 | 0.36 J |
| cis-1,2-dichloroethene (cis-1,2-DCE) | 6.0 | 1.3 |
| Tetrachloroethene (PCE) | 5.0 | ND (0.25) |
| Trichloroethene (TCE) | 5.0 | ND (0.25) |
| Vinyl Chloride (VC) | 0.10 | ND (0.05) |

Notes:

- ¹The 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) scfm: standard cubic feet per minute
COC: chemical of concern ug/l: micrograms per liter

NS: Not sampled scf: standard cubic foot or feet

μg/L: micrograms per liter Results in gray are ND *Preliminary data

July 2020 Key Events for Sites 2/12

None.

August 2020 Key Events for Sites 2/12

- Aug 15: Sites 2/12 GWTP offline for 66.5 hours due to electrical storm power outages. Power outage damaged injection pump and air stripper blower VFDs. VFDs were replaced and Sites 2/12 GWTP was restarted on Aug 18.
- Aug 18: Sites 2/12 GWTP was shut down for 16 hours as a precaution to protect sensitive
 equipment from damage due to expected PG&E rolling blackouts. Sites 2/12 GWTP was
 restarted on Aug 19.
- Aug 31-Sept 4: Third Quarter (Annual) 2020 Groundwater Monitoring Event.

September 2020 Key Events for Sites 2/12

- Sept 9-16: Third Quarter 2020 Soil Gas Monitoring Event, Second Rebound Study Event.
- Sept 17: Communications loss at OU2 GWTP caused 3-hour shut down at Sites 2/12 GWTP.

October 2020 Key Events for Sites 2/12

Completed annual Third Quarter 2020 Soil Gas Monitoring probe sampling.

November 2020 Key Events for Sites 2/12

None.



| Sites | 2/12 |
|-------|------|
|-------|------|

| | 4Q 2019 | 1Q 2020 | 2Q 2020 | 3Q 2020* | 4Q 2019 | 1Q 2020 | 2Q 2020 | 3Q 2020* | | lule |
|----------------------|---------|---------|---------|----------|---------|---------|---------|----------|---|----------------|
| Soil Gas Probe ID | | PCE | | | TCE | | | | | Schedule |
| SG-12-01-30 | NS | 230 | ND | 450 | NS | ND | ND | ND | | RB |
| SG-12-01-58 | NS | 230 | ND | 410 | NS | ND | ND | ND | | RB |
| SG-12-01-65 | ND | 210 | ND | 330 | ND | ND | ND | ND | | Q^2 |
| SG-12-02-10 | 1,200 | 790 | 970 | 1,200 | ND | ND | ND | ND | | Q ¹ |
| SG-12-02-20 | NS | NS | NS | | NS | NS | NS | | | Α |
| SG-12-02-30 | NS | NS | NS | | NS | NS | NS | | | Α |
| SG-12-02-40 | NS | NS | NS | | NS | NS | NS | | | Α |
| SG-12-02-50 | NS | NS | NS | | NS | NS | NS | | | Α |
| SG-12-02-57 | NS | NS | NS | | NS | NS | NS | | | Α |
| SG-12-02-65 | NS | NS | NS | | NS | NS | NS | | | Α |
| SG-12-04-10 | 98 | 120 | ND | 100 | 910 | 1,300 | ND | 360 | | Q ¹ |
| SG-12-04-20 | NS | 110 | ND | 100 | NS | 1,100 | 52 J | 350 | Ī | Q ³ |
| SG-12-04-40 | NS | 92 | ND | 83 J | NS | 90 | ND | ND | Ī | INV |
| SG-12-04-50 | NS | 92 | 52 J | 85 | NS | 630 | 140 | 180 | Ī | INV |
| SG-12-04-58 | NS | 110 | ND | 81 J | NS | 440 | 46 J | 170 | | RB |
| SG-12-04-65 | 110 | 97 | ND | 88 | 440 | 890 | 150 | 220 | | Q ² |
| SG-12-06-10 | 150 | 120 | ND | 110 | ND | ND | ND | ND | Ī | Q ¹ |
| SG-12-06-70 | NS | 160 | NS | 160 | NS | ND | NS | ND | | RB |

| | 4Q 2019 | 1Q 2020 | 2Q 2020 | 3Q 2020* | 4Q 2019 | 1Q 2020 | 2Q 2020 | 3Q 2020* | lule |
|----------------------|---------|---------|---------|----------|---------|---------|---------|----------|----------|
| Soil Gas Probe ID | | Р | CE | | TCE | | | | Schedule |
| SG-12-07-65 | NS | 380 | NS | 170 | NS | 51 J | NS | ND | RB |
| SG-12-08-70 | NS | 160 | NS | 230 | NS | ND | NS | ND | RB |
| SG-12-14-70 | NS | ND | NS | ND | NS | 52 J | NS | ND | RB |
| SG-12-16-70 | NS | ND | NS | ND | NS | 470 | NS | 540 | RB |
| SG-12-17-40 | NS | NS | NS | | NS | NS | NS | | Α |
| SG-12-17-60 | NS | ND | NS | ND | NS | 740 | NS | 670 | RB |
| SG-12-18-70 | NS | ND | NS | ND | NS | ND | NS | ND | RB |
| SG-12-20-10 | NS | NS | NS | | NS | NS | NS | | Α |
| SG-12-20-20 | NS | NS | NS | | NS | NS | NS | | Α |
| SG-12-20-70 | NS | 320 | NS | 300 | NS | ND | NS | ND | RB |

SGCL

 $(\mu g/m^3)$

1,800

1,000

PCE

TCE

SG-SL

 $(\mu g/m^3)$

603

888

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 probe

Concentrations in **bold** exceed the SGCL

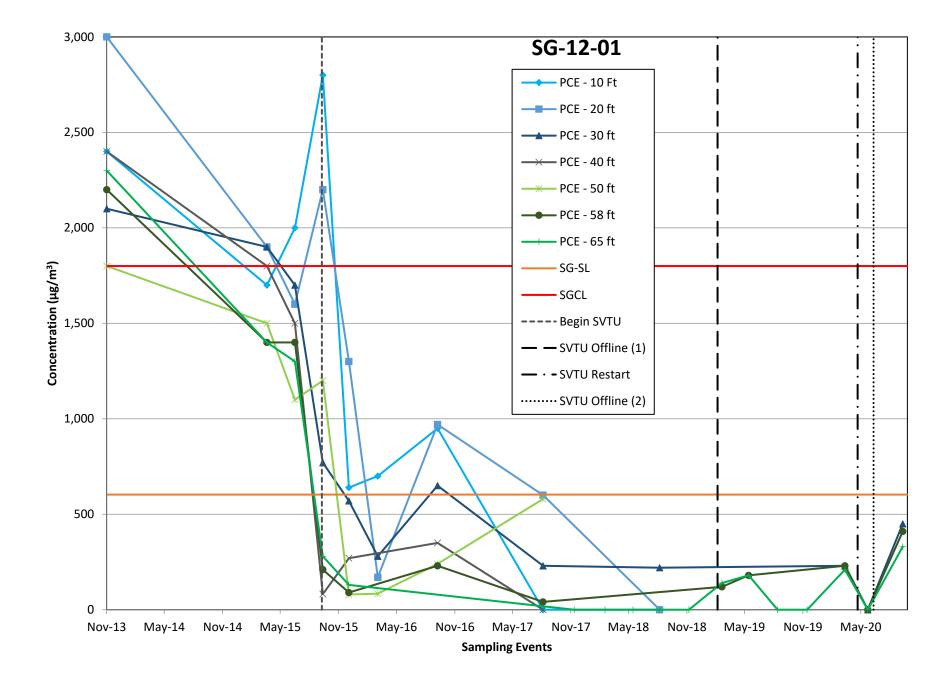
Concentrations in italics exceed the SG-SL

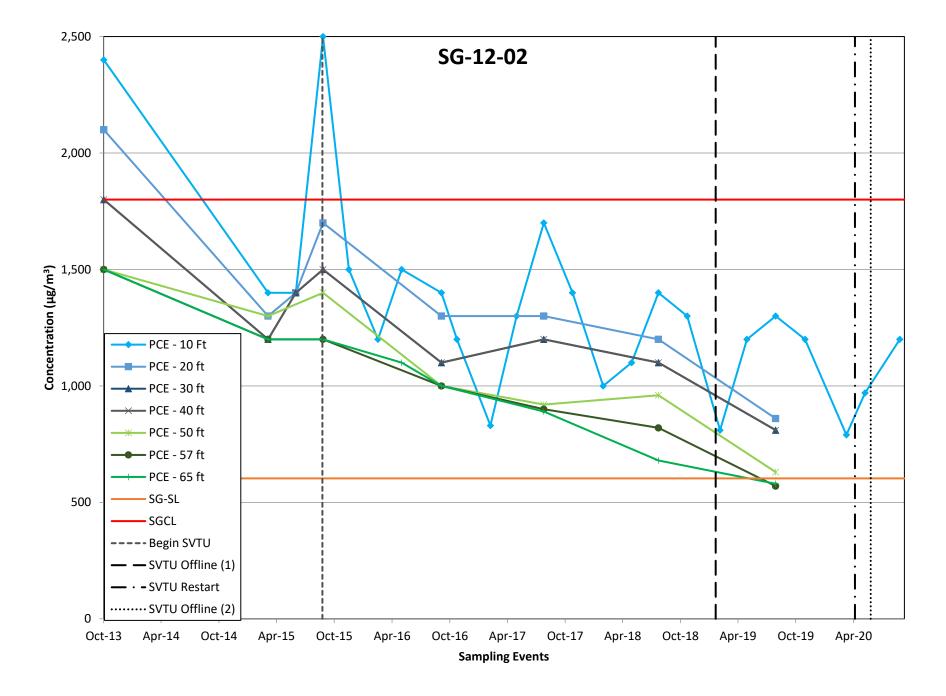
Results reported in micrograms per cubic meter (µg/m³)

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.





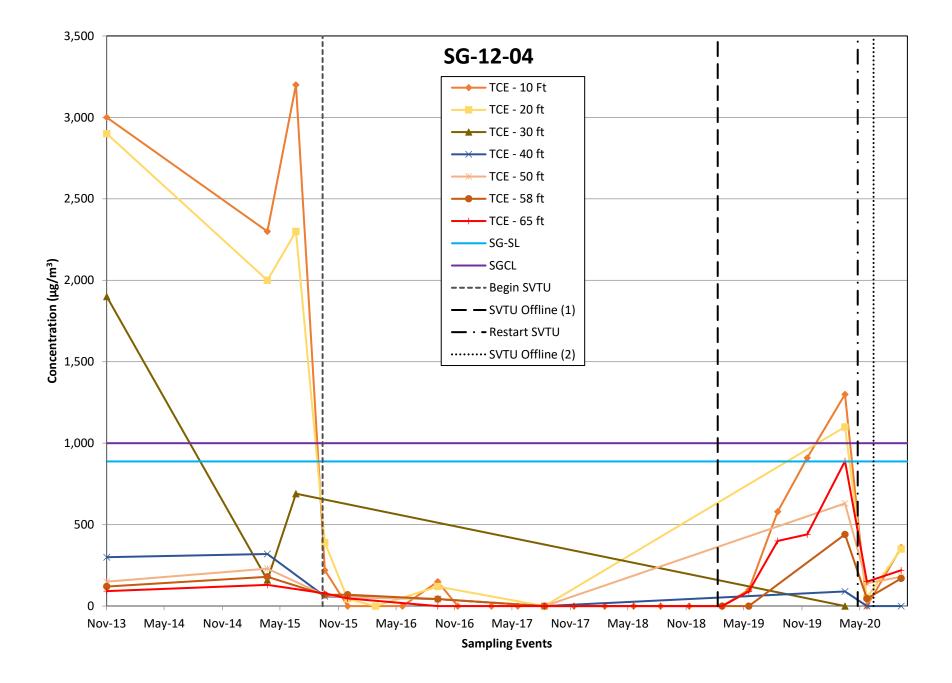


Table 6. Sites 2/12 Select Groundwater Extraction/Monitoring Well Data

| | Select COC Concentrations (μg/L) ⁴ | | | | | | | | |
|----------------------------------|---|-----------|-----------|-----------|----------------------|---------------|-----------|-----------|--|
| | 4Q 2019 | 1Q 2020 | 2Q 2020 | 3Q 2020* | 2Q 2020 | 3Q 2020* | | | |
| Well Identification ³ | TCE PCE | | | | | | | | |
| ACL: | 5.0 | | | | 5.0 | | | | |
| EW-12-03-180M | 1.3 | 2.1 | 0.62 | 2.4 | 0.25 J | ND (0.25) | ND (0.25) | 0.18 J | |
| EW-12-05-180M | 2.1 | 0.60 | 2.1 | 1.9 | 0.66 | 0.68 | 0.95 | 0.65 | |
| EW-12-07-180M | 0.81 | 0.78 | 0.63 | 0.54 | 0.27 J | 0.24 J 0.19 J | | 0.12 J | |
| EW-12-08-180U | 0.36 J | 0.31 J | 0.35 J | 0.36 J | 13.5 | 8.4 | 13.1 | 11.6 | |
| MW-12-09R-180 | 1.7 | 2.3 | 1.4 | 1.2 | 0.29 J | 0.34 J | 0.30 J | 0.21 J | |
| MW-12-14-180M | 1.5 | 1.6 | 1.9 | 2.1 | 0.34 J 0.31 J 0.43 J | | 0.36 J | | |
| MW-12-16-180M | 1.5 | 1.8 | 1.8 | 1.7 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | |
| MW-12-20-180U | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 5.6 | 0.94 | 2.0 | 3.1 | |
| MW-12-21-180U | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 0.38 J | 0.35 J | 0.23 J | 0.41 J | |
| MW-12-24-180U | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 3.1 | 0.60 | 0.94 | 0.33 J | |
| MW-12-28-180U | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 0.31 J | 0.52 | 0.42 J | 0.39 J | |
| MW-12-32-180U | 0.54 | 0.84 | 0.57 | 0.64 | 0.54 | 0.71 | 0.48 J | 0.64 | |

Notes:

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



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

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

³ Extraction wells not listed have met the QAPP decision rules to no longer operate.

⁴ 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)

