Sites 2 and 12 Data and Status

Table 1: October 2021 – Sites 2/12 GWTP and SVTU Statistics

Monthly Statistics	Volume Treated	Average Flow	Percent of Time Online	COC Mass Removed (pounds)
Oct 2021 GWTP	6,249,600 gal	140 gpm	100	0.18
Total since April 1999	2.249 billion gal			495
Oct 2021 SVTU	0 scf	0 scfm	0	0.0
Total since September 2015	1.374 billion scf			9.9

Table 2: Oct 2021 – Sites 2/12 Treated Water Analytical Results at TS-212-INJ

COC	Discharge Limit (µg/L)[2]	Sample Date / Analytical Results
		Not Sampled
1,1-Dichloroethene (1,1-DCE)	6.0	NS
1,2-Dichloroethane (1,2-DCA)	0.50	NS
1,3-dichloropropene (1,3-DCP)[1]	0.50	NS
Chloroform	2.0	NS
cis-1,2-dichloroethene (cis-1,2-DCE)	6.0	NS
Tetrachloroethene (PCE)	5.0	NS
Trichloroethene (TCE)	5.0	NS
Vinyl Chloride (VC)	0.10	NS

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) scfm: standard cubic feet per minute
COC: chemical of concern µg/L: micrograms per liter
NS: Not sampled Results in gray are ND
scf: standard cubic foot or feet *Preliminary data

October and Future 2021 Key Events

- Dec 6-10: Fourth Quarter 2021 Groundwater Monitoring Program event.
- Shea Homes will decommission EW-12-04-180U and EW-12-04-180M (no date set).

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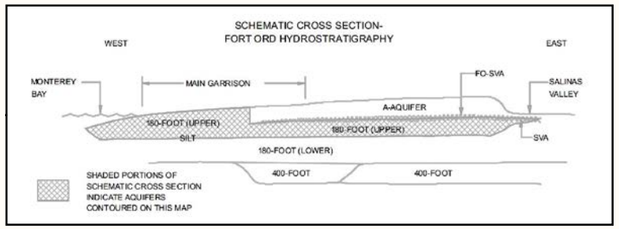
Table 3. Sites 2/12 Select Groundwater Extraction/Monitoring Well Data

	Select COC Concentrations (µg/L)[4]																	
	3Q 2019	4Q 2019	1Q 2020	2Q 2020	3Q 2020	4Q 2020	1Q 2021	2Q 2021	3Q 2021	3Q 2019	4Q 2019	1Q 2020	2Q 2020	3Q 2020	4Q 2020	1Q 2021	2Q 2021	3Q 2021
Well Identification[3]	**TCE**									**PCE**								
ACL:	**5.0**									**5.0**								
EW-12-03-180M	1.7	1.3	2.1	0.62	2.4	2.3	0.14 J	0.70	0.60	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)
EW-12-05-180M	1.9	2.1	0.60	2.1	1.9	2.4	2.0	2.3	2.1	0.71	0.66	0.68	0.95	0.65	0.79	0.71	0.73	0.61
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	0.28 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
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	**14.1**	**13.5**	**8.4**	**13.1**	**11.6**	**6.1**	**5.3 J+**	3.4	**5.4/5.9**
MW-12-09R-180	1.9	1.7	2.3	1.4	1.2	1.6	1.7	1.4	1.3 J+	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
MW-12-14-180M	2.4	1.5	1.6	1.9	2.1	1.2	1.4 J+	1.4	1.7	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
MW-12-16-180M	1.2	1.5	1.8	1.8	1.7	2.0	2.6	2.1	2.1	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)
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)	2.7	**5.6**	0.94	2.0	3.1	0.87	0.81	0.75	0.79
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)	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
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)	1.8	3.1	0.60	0.94	0.33 J	0.36 J	0.68	0.29 J	0.37 J
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)	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
MW-12-32-180U	0.42 J	0.54	0.84	0.57	0.64	0.70	0.55	0.62	0.71	0.41 J	0.54	0.71	0.48 J	0.64	0.73	0.50	0.52	0.63

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.
[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)
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



0 250 500 Feet

N W E S

MW-02-10-180
MW-12-19-180U
MW-12-19-180M
MW-12-14-180M
PCE: 0.34 J
MW-12-18-180U
EW-12-05-180M
PCE: 0.61
MW-12-20-180U
PCE: 0.79
MW-12-21-180U
PCE: 0.35 J
EW-12-08-180U
PCE: 5.9*
MW-12-22-180U
PCE: 0.26 J
MW-12-24-180U
PCE: 0.37 J
EW-12-06-180M
MW-12-09R-180
PCE: 0.20 J
MW-12-25-180U
MW-12-23-180U
MW-02-05-180
MW-12-17-180U
MW-12-15-180M
PCE: 0.15 J
MW-12-28-180U
PCE: 0.26 J
MW-12-26-180U
PCE: 0.37 J
MW-12-27-180U
EW-12-07-180M
PCE: 0.10 J
MW-12-29-180U
PCE: 0.36 J
MW-12-01-180
PCE: 0.41 J
MW-12-30-180U
PCE: 0.39 J
EW-12-03-180M
PCE: ND
EW-12-03-180U
MW-12-16-180M
PCE: ND
MW-12-32-180U
PCE: 0.63
MW-12-12-180L
MW-12-31-180M
PCE: 0.31 J
MW-02-13-180M
PCE: ND
MW-02-13-180U
MW-12-05-180
EW-12-04-180U
MW-12-08-180
EW-12-04-180M
MW-12-07-180

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 PCE detection greater than ACL
- Extraction well with 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

Chemicals of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L

5 — Tetrachloroethene (PCE)

ND Chemical of Concern is non-detect

EW-12-08-180U PCE: 5.4 — Well ID - Bold when ACL exceeded PCE and/or TCE concentration (µg/L) with validation/lab qualifier.

NOTES:

* Confirmation sample was collected at EW-12-08-180U following the Third Quarter 2021 groundwater sampling event to verify the PCE concentration. The initial PCE concentration taken on August 30, 2021 was 5.4 µg/L.

(1) Samples were collected between August 29, 2021 and September 30, 2021.
(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) Other COC ACL Exceedances detected beyond the extent of the PCE Plume are illustrated when present.

GROUNDWATER PCE CONCENTRATIONS
UPPER 180-FOOT AQUIFER WEST OF THE SVA
THIRD QUARTER 2021
Sites 2 and 12, Fourth Quarter 2020 - Third Quarter 2021
Groundwater and Soil Gas Monitoring and Treatment System Report, Former Fort Ord, California

Ahtna | Date: 11/1/2021 | Figure: 20

EW-12-08-180U

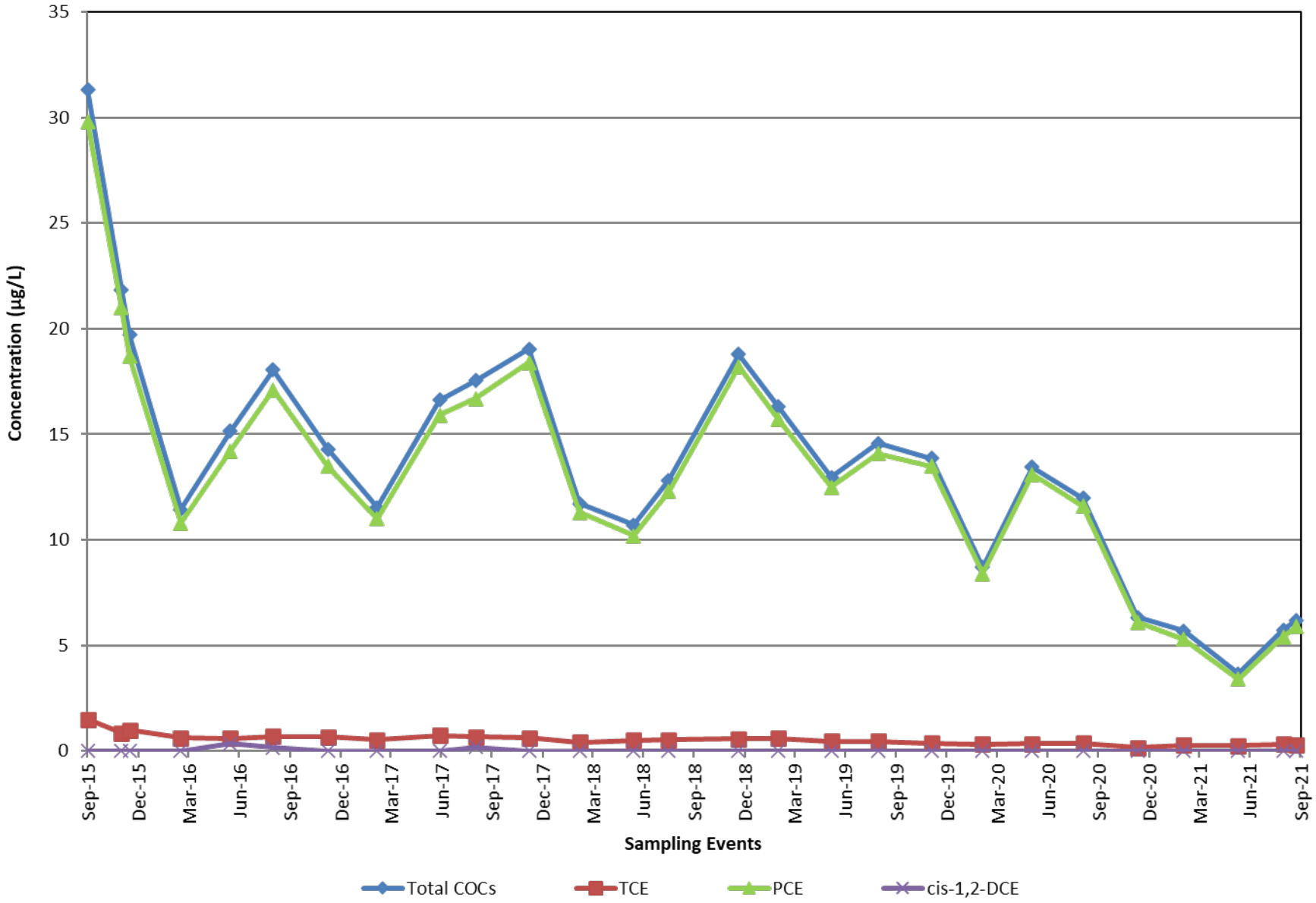


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Table E1. Groundwater QAPP Sampling Frequency Recommended Changes

Well ID	Current Schedule	Proposed Schedule	Trends Increasing?	Last time above ACL	Boundary Well for Plume	2021-3Q PCE Concentration (µg/L)	2021-3Q TCE Concentration (µg/L)	Figure Number	Graph Number
MW-12-22-180U	Q	A	No	2017	No	0.26 J	ND (0.25)	29	E1
MW-12-28-180U	Q	A	No	Never	No	0.26 J	ND (0.25)	29	E2

Note:

Results in gray are not detected concentrations (result reported as <limit of detection [LOD]).

Acronyms and Abbreviations:

µg/L: micrograms per liter

A: annual sample

ACL: aquifer cleanup level

J: Laboratory qualifier, estimated result between the detection limit (DL) and the limit of quantification (LOQ) with a possible high (+) or low (-) bias.

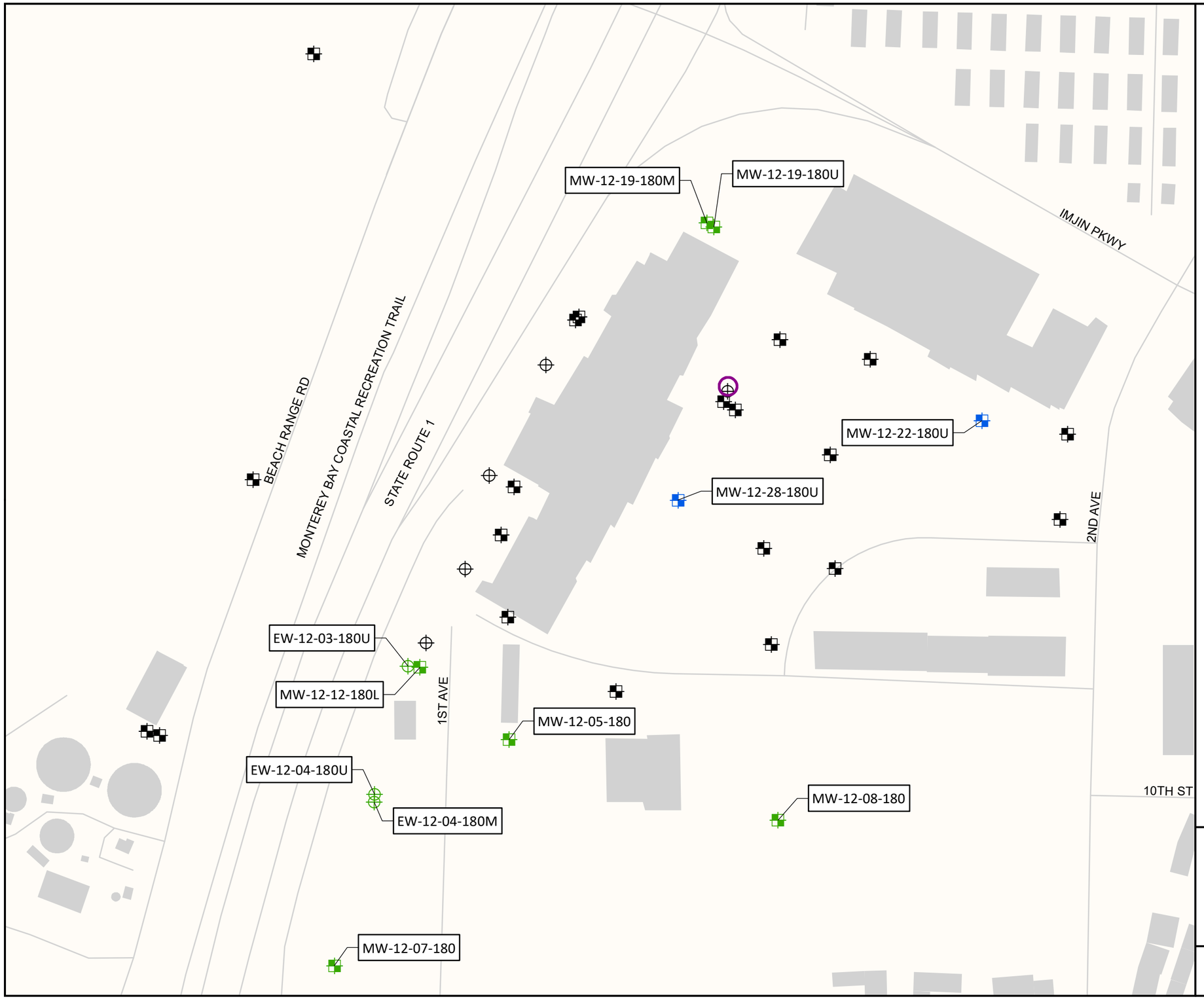
ND: not detected above the LOD

PCE: tetrachloroethene

Q: quarterly

R: remove from sampling, continue to collect depth to water

TCE: trichloroethene



EXPLANATION

- Roads
- Facilities

Well Type and Recommendation

- Extraction well: recommend decommissioning
- Extraction well: recommend no change
- Monitoring well: recommend annual monitoring
- Monitoring well: recommend decommissioning
- Monitoring well: recommend no change

3Q2021 Chemicals of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L

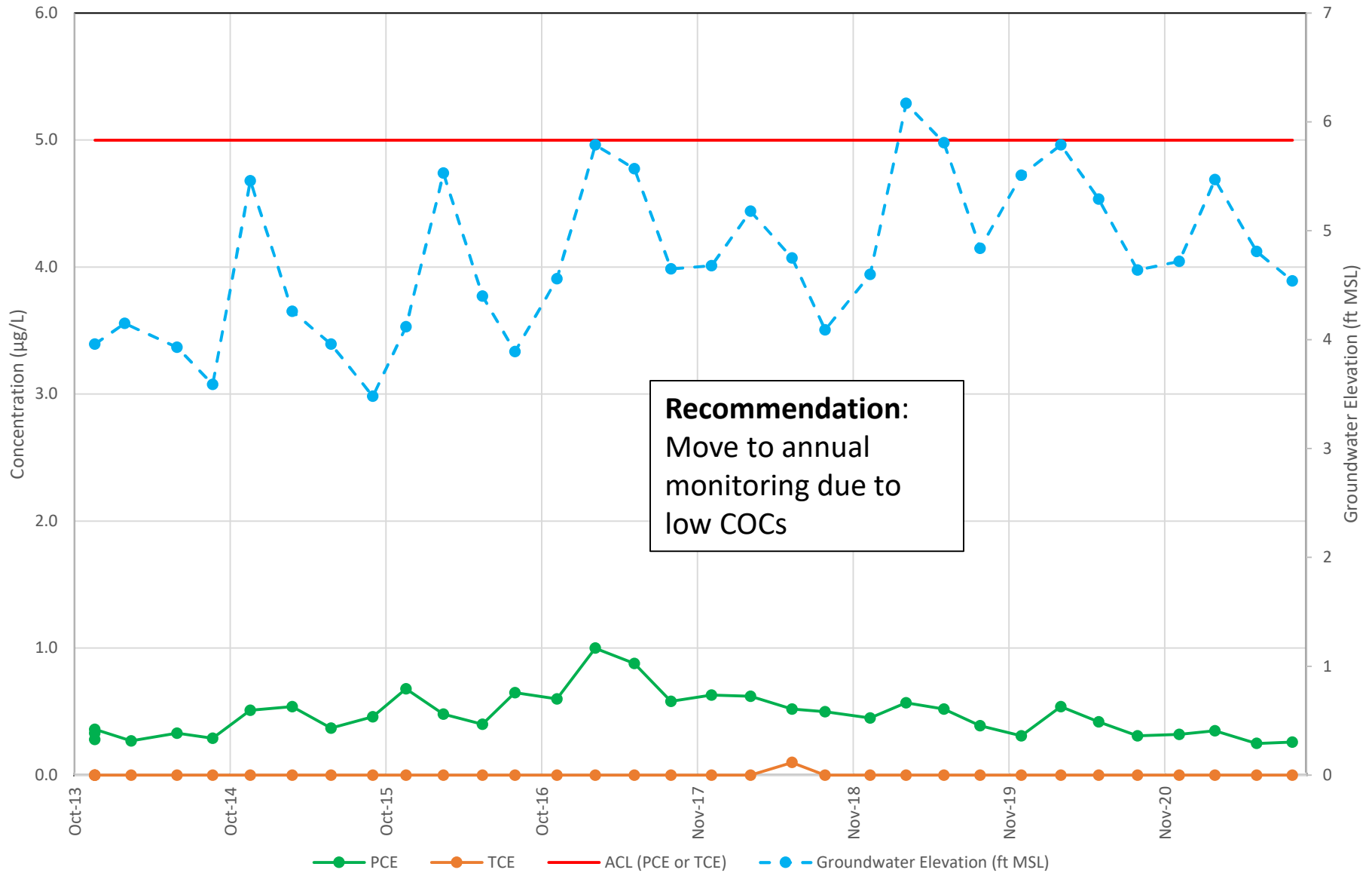
5 — Tetrachloroethene (PCE)

N
W E
S

0 250 500
Feet

RECOMMENDED UNCONFINED UPPER-180 AQUIFER GROUNDWATER MONITORING WELL CHANGES
Sites 2 and 12, Fourth Quarter 2020 - Third Quarter 2021
Groundwater and Soil Gas Monitoring and Treatment System Report
Former Fort Ord, California

Ahtna	Date: 11/1/2021	Figure: 29



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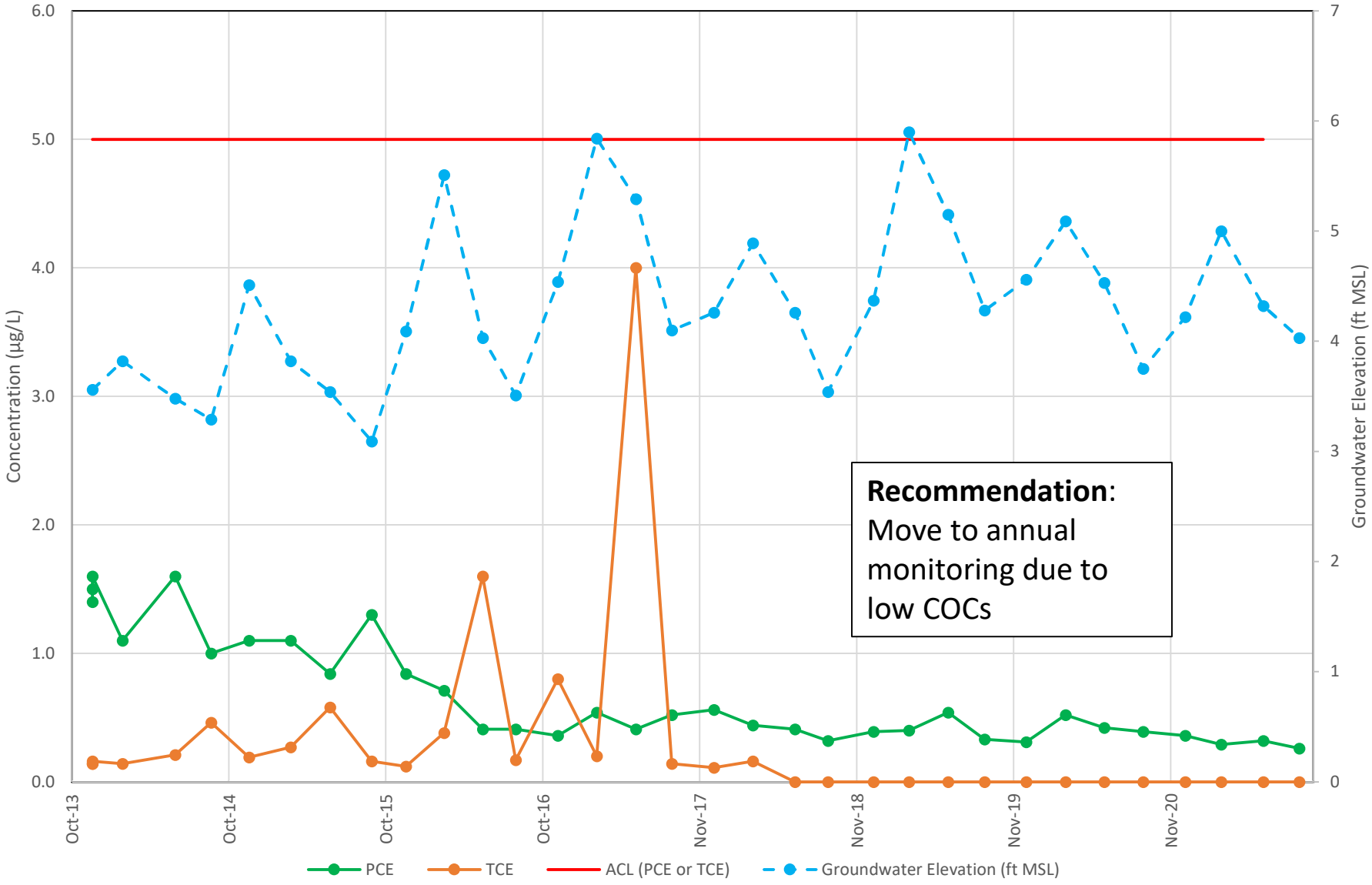
MW-12-22-180U

Sites 2 and 12 Fourth Quarter 2020 through Third Quarter 2021
Groundwater and Soil Gas Monitoring and Treatment System Report, Former Fort Ord, California

Graph:

E1



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MW-12-28-180U

Sites 2 and 12 Fourth Quarter 2019 through Third Quarter 2020
Groundwater and Soil Gas Monitoring and Treatment System Report, Former Fort Ord, California

Graph:

E2