Operable Unit 2 Data and Status

Table 1: Dec 2022 – Jan 2023 – OU2 GWTP Statistics

Monthly Statistics	Volume Treated (gallons)	Average Flow (gallons per minute)	Percent of Time Online	COC Mass Removed (pounds)
Dec 2022	43,742,836	980	100	2.2
Jan 2023	44,177,409	990	98.4	2.4
Total since October 1995	9.358 billion			959

Table 2: Dec 2022-Jan 2023 – OU2 Analytical Results at TS-OU2-INJ-01

COC	Discharge Limit (µg/L)	Analytical Results (µg/L)	
		12/5/2022	1/3/2023
1,1-dichloroethane (1,1-DCA)	5.0*	0.33 J	0.35 J
1,2-dichloroethane (1,2-DCA)	0.5	0.13 J	0.17 J
1,2-dichloropropane (1,2-DCP)	0.5	ND (0.25)	ND (0.25)
Benzene	0.5	ND (0.25)	ND (0.25)
Carbon tetrachloride (CT)	0.5	ND (0.25)	ND (0.25)
Chloroform	2.0*	0.35 J	0.34 J
Cis-1,2-dichloroethene (cis-1,2-DCE)	6.0*	1.2	1.4
Methylene Chloride	0.5	ND (0.50)	ND (0.50)
Tetrachloroethene (PCE)	0.5	ND (0.25)	ND (0.25)
Trichloroethene (TCE)	0.5	ND (0.25)	0.21 J
Vinyl chloride (VC)	0.1	ND (0.10)	ND (0.10)

Notes:
COC: chemical of concern
µg/L: micrograms per liter
ND: The analyte was not detected above the limit of detection (LOD).
NS: not sampled.
J: Estimated results below the limit of quantitation (LOQ).
TS-OU2-INJ: Injection point of compliance, the OU2 effluent pipeline.
*Discharge limits for low carbon affinity compounds were increased to the Aquifer Cleanup Level (ACL).
Results in italics are above the discharge limit, and results in **bold** and shaded are concentrations above the ACL
Results in gray are ND
^ Preliminary data

Dec-Jan Key Events

- Dec 8: Access port installed at the bottom of the OU2 backwash tank to facilitate removal of accumulated carbon fines.
- Dec 20: Replaced pumps at EW-OU2-05-A and EW-OU2-06-A.
- Dec 23: Completed Fourth Quarter 2022 Groundwater Monitoring event (4 PFAS wells, 1 well with broken sample vials, and 2 restarted EWs).
- Jan 9: EW-OU2-11-180 pump failure.
- Jan 10: Power outage affecting only Upper 180-Foot Aquifer extraction wells for a couple hours.
- Jan 14: Power outage, OU2 GWTP offline 12 hours.
- Jan 17: Repaired and restart EW-OU2-09-A (VFD).
- Jan 24: EW-OU2-05-A offline, troubleshooting.
- Jan 25: MW-OU2-79-A raised 5.5 ft for construction grade.

Future Key Events

- Feb 2: EW-OU2-05-A online after replacing blown fuse and motor coil.
- Feb 13-17: First Quarter 2023 Groundwater Monitoring Program
- OU2 GAC change-out of primary vessels.
- Repair and restart EW-OU2-11-AR (pump).

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Table 3. OU2 A-Aquifer Select Extraction/Monitoring Well Data

OU2 Hydraulic Zone[1]	Well Identification[2]	Select COC Concentrations (µg/L)														
		2Q 2022					3Q 2022					4Q 2022				
		TCE	PCE	1,1-DCA	1,2-DCA	VC	TCE	PCE	1,1-DCA	1,2-DCA	VC	TCE	PCE	1,1-DCA	1,2-DCA	VC
	ACL:	5	3	5	0.5	0.1	5	3	5	0.5	0.1	5	3	5	0.5	0.1
1	EW-OU2-16-A	2.3	1.6	4.5	**1.6**	**0.46**	2.1 J	1.5 J	4.0 J	**1.5**	ND (0.50)	2.4	2.0	**5.2 J+**	**1.8 J+**	**0.62 J+**
1	EW-OU2-17-A	**6.8**	**4.7**	0.66	0.32 J	ND (0.10)	**6.0**	**4.2**	0.66	0.31 J	ND (0.10)	**5.4**	**4.2**	0.59	0.31 J	ND (0.10)
1	EW-OU2-18-A	**11.3**	**5.1**	3.5	**0.72**	**0.22**	**8.5**	**3.7**	3.1	ND (1.3)	ND (0.50)	**11.9 J+**	**4.9**	3.5 J+	**0.61 J+**	**0.32 J+**
1	EW-OU2-19-A	4.4	**4.4**	**7.6**	**1.5**	**0.80**	4.1	**4.0**	**7.7**	**1.3**	**0.88**	5.0 J+	**4.7**	**10 J+**	**1.6 J+**	**1.5 J+**
1	EW-OU2-20-A	1.5	1.3	3.7	**0.65**	**0.59**	1.4	1.4	3.7	**0.56**	**0.77**	1.4 J+	1.5	4.0 J+	**0.62 J+**	**1.1 J+**
1	MW-OU2-02-A	1.3	**3.5**	3.7	**0.79**	**6.2**	3.5	2.9	2.8	**0.64**	**2.5**	2.0 J	**3.2 J**	2.5 J	**0.51 J**	**5.8 J**
1	MW-OU2-44-A	4.1	**3.3**	**6.5**	**1.6**	ND (0.10)	4.0	**3.5**	**5.5**	**1.2**	ND (0.10)	3.5 J+	**3.5 J+**	**5.6 J+**	**1.1 J+**	ND (0.10)
1	MW-OU2-73-A	0.41 J	1.4	3.0	0.40 J	**2.7**	0.48 J	1.6	3.1	0.43 J	**2.4**	0.42 J	1.1 J	3.3 J	0.48 J	**3.0 J**
2	EW-OU2-15-A	1.6	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.10)	1.8 J+	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.10)	1.8 J+	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.10)
2	MW-OU2-27-A	0.12 J	**3.6**	0.30 J	ND (0.25)	ND (0.10)	ND (0.25)	**3.7**	0.28 J	ND (0.25)	ND (0.10)	0.11 J	**4.5 J+**	0.33 J	ND (0.25)	ND (0.10)
3	EW-OU2-09-A	0.19 J	0.27 J	ND (0.25)	0.15 J	ND (0.10)	0.24 J	0.26 J	ND (0.25)	0.14 J	0.055 J	NS	NS	NS	NS	NS
3	EW-OU2-10-A	1.0	0.74	0.25 J	**0.54**	0.061 J	0.97 J+	0.67 J+	0.26 J	**0.52 J+**	0.069 J	0.76	0.68	0.20 J	0.42 J	0.085 J
3	EW-OU2-11-AR	2.3	0.98	2.2	0.32 J	ND (0.10)	2.6 J+	1.3 J+	3.4 J+	0.39 J	0.052 J	2.4	1.4	2.6	0.34 J	0.063 J
3	EW-OU2-12-A	**6.3**	**3.8**	3.1	**1.7**	0.058 J	**5.6 J+**	**3.2 J+**	3.0 J+	**1.6 J+**	0.074 J	**5.2**	3.0	2.7	**1.3**	**0.11**
3	EW-OU2-13-A	**6.0**	2.0	ND (0.25)	**3.8**	ND (0.10)	**5.6 J+**	1.8 J+	1.0 J+	**3.7 J+**	ND (0.10)	**5.1**	1.9	0.93	**3.4**	ND (0.10)
3	MW-OU2-12-A	**13.1**	**6.8**	**11.6**	**2.9**	**0.18**	**11.9**	**5.5**	**10.2**	**2.9**	**0.20**	4.7	0.96	4.7	**1.9**	**0.21**
3	MW-OU2-25-A	0.47 J	0.23 J	0.14 J	0.27 J	ND (0.10)	0.47 J	0.26 J	ND (0.25)	0.25 J	ND (0.10)	0.47 J	0.30 J	0.17 J	0.34 J	ND (0.10)

Notes:

ACL: Aquifer Cleanup Level
COC: chemical of concern
1,2-DCA: 1,2-dichloroethane
TCE: trichloroethene
PCE: tetrachloroethene
1,1-DCA: 1,1-dichloroethane
µg/L: micrograms per liter
NS: not sampled
ND: The analyte was not detected above the detection limit.
J: Estimated result with a high (+) or low (-) bias.

[1] Hydraulic zones are identified in the Groundwater QAPP.
[2] Extraction wells not listed have met the QAPP decision rules to no longer operate.
Results in **bold** and shaded are concentrations above the ACL
Results in gray are ND
Results in brackets from a second deeper passive diffusion bag
* Preliminary Data

Table 4. OU2 A-Aquifer Select Extraction/Monitoring Well Data

OU2 Hydraulic Zone[1]	Well Identification[2]	Select COC Concentrations (µg/L)														
		2Q 2022					3Q 2022					4Q 2022				
		TCE	PCE	1,1-DCA	1,2-DCA	VC	TCE	PCE	1,1-DCA	1,2-DCA	VC	TCE	PCE	1,1-DCA	1,2-DCA	VC
	ACL:	5	3	5	0.5	0.1	5	3	5	0.5	0.1	5	3	5	0.5	0.1
4	EW-OU2-02-A	0.36 J	ND (0.25)	0.13 J	ND (0.25)	ND (0.10)	0.40 J	ND (0.25)	0.18 J	ND (0.25)	ND (0.10)	0.34 J	ND (0.25)	0.21 J	ND (0.25)	ND (0.10)
4	EW-OU2-04-A	2.5	0.25 J	0.72	ND (0.25)	ND (0.10)	2.6 J+	0.27 J	0.91 J+	ND (0.25)	ND (0.10)	3.0	0.33 J	0.94	ND (0.25)	ND (0.10)
4	EW-OU2-05-A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.7	0.39 J	0.17 J	ND (0.25)	ND (0.10)
4	EW-OU2-06-A	3.1	0.28 J	0.14 J	ND (0.25)	ND (0.10)	NS	NS	NS	NS	NS	4.2	0.28 J	0.20 J	ND (0.25)	ND (0.10)
4	MW-OU2-40-A	**17.8**	0.52	0.27 J	ND (0.25)	ND (0.10)	**13.9**	0.52	0.40 J	0.14 J	ND (0.10)	**7.6**	0.34 J	0.26 J	0.11 J	ND (0.10)
5	MW-OU2-04-A	2.7	1.1	0.75	**0.75**	ND (0.10)	2.1	0.68	0.58	**0.52**	ND (0.10)	1.8	0.69	0.43 J	0.40 J	ND (0.10)
5	MW-OU2-05-AR	0.24 J	ND (0.25)	**8.2**	ND (0.25)	0.071 J	0.26 J	ND (0.25)	**10.1**	ND (0.25)	ND (0.10)	0.22 J	ND (0.25)	**14.6**	0.14 J	**0.13**
5	MW-OU2-06-AR	**5.4**	2.6	1.5	**0.76**	ND (0.10)	4.9	2.2	0.93	**0.74**	ND (0.10)	4.5	2.1	0.64	**0.86**	ND (0.10)
5	MW-OU2-07-A	2.6	1.4	**14.4**	**0.94**	**0.31**	4.2	2.1	**18.0**	**1.3**	**0.53**	4.6 J+	**4.0 J+**	**14.5 J+**	**1.1 J+**	**0.43 J+**
5	MW-OU2-08-A	**9.7**	**8.4**	**22.1 J+**	**2.4**	**0.23**	**7.6**	**5.9**	**21.0**	**2.1 J**	ND (0.50)	0.15 J	0.24 J	0.25 J	ND (0.25)	ND (0.10)
5	MW-OU2-75-A	**5.1**	**5.9**	**8.0**	0.11 J	0.095 J	**6.8 J+**	**9.0 J+**	**9.8 J+**	0.15 J	0.083 J	**6.6 J+**	**10.7 J+**	**9.9 J+**	0.13 J	**0.19 J+**
5	MW-OU2-76-A	ND (0.25)	ND (0.25)	0.11 J	ND (0.25)	ND (0.10)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.10)	ND	ND (0.25)	0.20 J	ND (0.25)	ND (0.10)
5	MW-OU2-81-A	**13.6**	**5.6**	1.5	**0.76**	ND (0.10)	**17.0 J+**	**6.4 J+**	1.9 J+	**1.0 J+**	ND (0.10)	**14.5 J+**	**6.1 J+**	1.6 J+	**1.0 J+**	ND (0.10)
5	MW-OU2-83-A	1.9	1.3	**6.8**	0.30 J	0.072 J	1.7 J+	0.76 J+	**6.6 J+**	0.37 J	ND (0.10)	1.5 J+	0.87 J+	**7.5 J+**	0.33 J	ND (0.10)
5	MW-BW-50-A	0.67	**3.4**	0.68	ND (0.25)	ND (0.10)	0.79	**4.6**	0.79	ND (0.25)	ND (0.10)	0.76 J	**4.1 J**	0.95 J	ND (0.25)	ND (0.10)
5	MW-BW-71-A	ND (0.25)	0.20 J	NS	NS	ND (0.10)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.10)	ND	0.18 J	ND	ND (0.25)	ND (0.10)

Notes:

ACL: Aquifer Cleanup Level
COC: chemical of concern
1,2-DCA: 1,2-dichloroethane
TCE: trichloroethene
PCE: tetrachloroethene
1,1-DCA: 1,1-dichloroethane
µg/L: micrograms per liter
NS: not sampled
ND: The analyte was not detected above the detection limit.
J: Estimated result with a high (+) or low (-) bias.

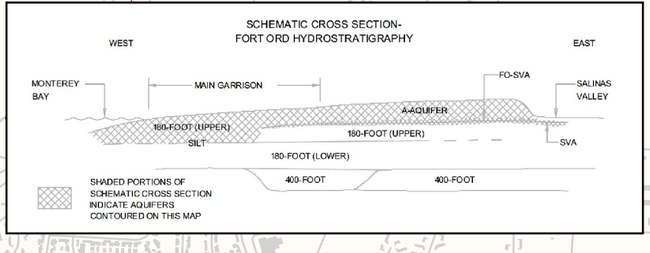
[1] Hydraulic zones are identified in the Groundwater QAPP.
[2] Extraction wells not listed have met the QAPP decision rules to no longer operate.
Results in **bold** and shaded are concentrations above the ACL
Results in gray are ND
Results in brackets from a second deeper passive diffusion bag
* Preliminary Data

ND Chemical of Concern is non-detect

MW-OU2-40-A 13.9 — Well ID - Bold When ACL Exceeded; * Well not used for contouring; TCE Concentration (µg/L) and validation/lab qualifier.

NOTES:
(1) Groundwater samples were collected between August 29, 2022 and September 30, 2022.
(2) EW-OU2-05-A and EW-OU2-06-A was inoperable and was unable to be sampled during this event.
(3) Contours are based on one interpretation of the data that were 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.

MW-BW-13-A 3.4
MW-OU2-79-A 1.3
EW-OU2-02-A 0.40 J
EW-OU2-04-A 2.6 J+
EW-OU2-05-A
EW-OU2-06-A
MW-OU2-40-A 13.9
MW-OU2-05-AR 0.26 J
MW-OU2-06-AR 4.9
MW-OU2-04-A 2.1
MW-OU2-08-A 7.6
MW-OU2-07-A 4.2
EW-OU2-13-A 5.6 J+
MW-OU2-81-A 17 J+
MW-OU2-76-A
MW-OU2-83-A 1.7 J+
MW-OU2-75-A 6.8 J+
MW-BW-71-A
MW-BW-50-A 0.79
EW-OU2-16-A 2.1 J
MW-OU2-46-A 0.52
EW-OU2-15-A 1.8 J+
MW-OU2-45-A 1.1 J+
MW-OU2-28-A 0.11 J
MW-OU2-27-A
EW-OU2-09-A 0.24 J
EW-OU2-10-A 0.97 J+
EW-OU2-11-AR 2.6 J+
EW-OU2-12-A 5.6 J+
MW-OU2-12-A 11.9
MW-OU2-25-A 0.47 J
EW-OU2-17-A 6.0
EW-OU2-18-A 8.5
MW-OU2-44-A 4
MW-OU2-74-A 0.54
MW-OU2-02-A 3.5
MW-OU2-80-A 0.32 J
MW-OU2-73-A 0.48 J
EW-OU2-20-A 1.4
EW-OU2-19-A 4.1
MW-OU2-01-A 1.6 J+
1
2
3
4
5
A
B
D
E
F



N W E S

0 1,500 3,000
Feet

EXPLANATION

Well Type and COC Detection
- Extraction well with TCE detected
- Extraction well not sampled
- Monitoring well with TCE detected
- Monitoring well with non-detect (ND) for TCE and with COC ACL exceedance
- Monitoring well with non-detect (ND) for TCE and no COC ACL exceedance
- Roads
- General groundwater flow direction
- Facilities
- Approximate extent of landfill areas (Areas B through F)
- Former Fort Ord boundary

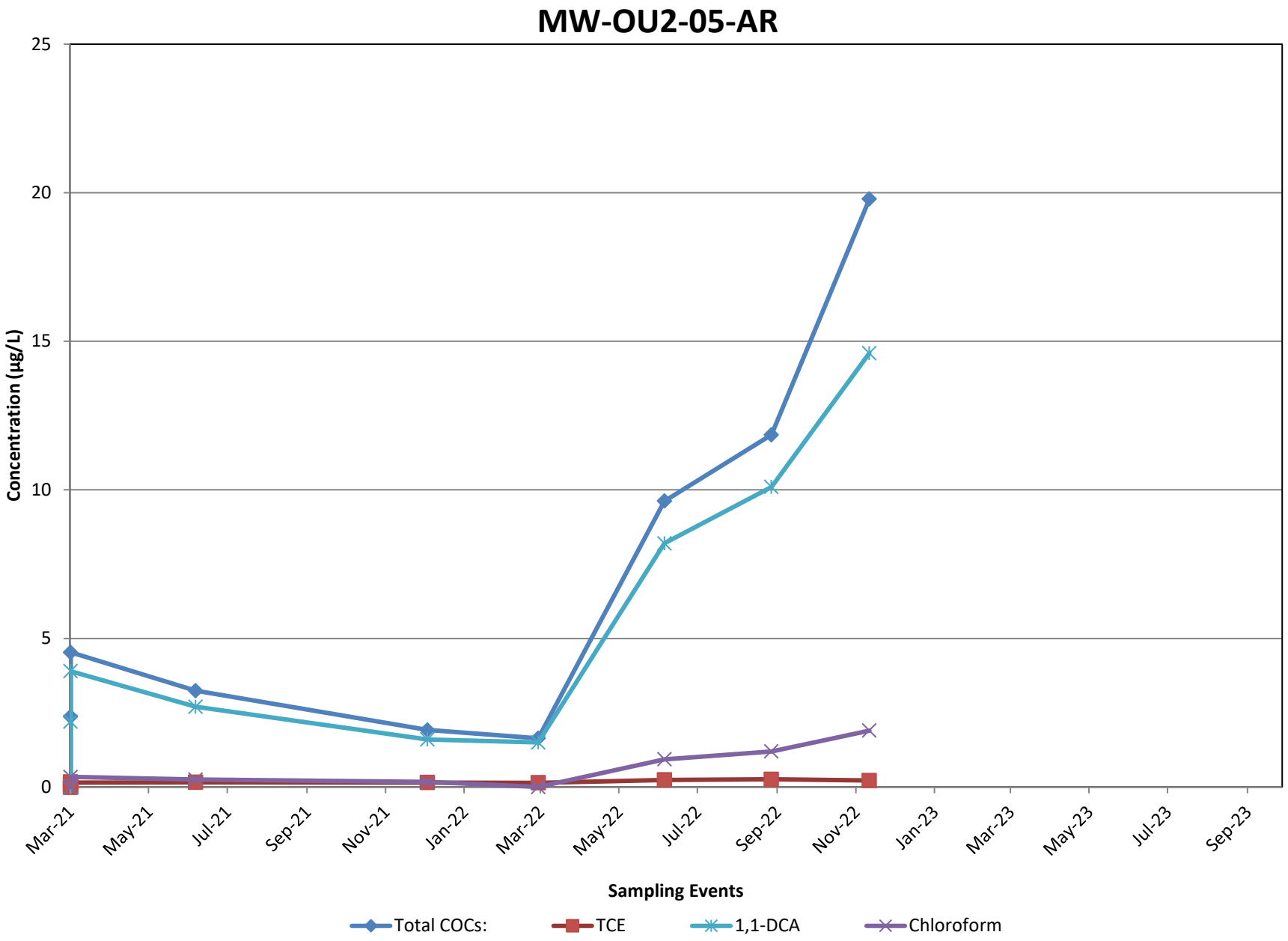
Chemical of concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L.
- 5 — Trichloroethene (TCE) plume extent
- 3 — Tetrachloroethene (PCE) plume extent
- 5 — 1,1-Dichloroethane (1,1-DCA) plume extent
- 0.5 — 1,2-Dichloroethane (1,2-DCA) plume extent
- 0.1 — Vinyl Chloride (VC) plume extent

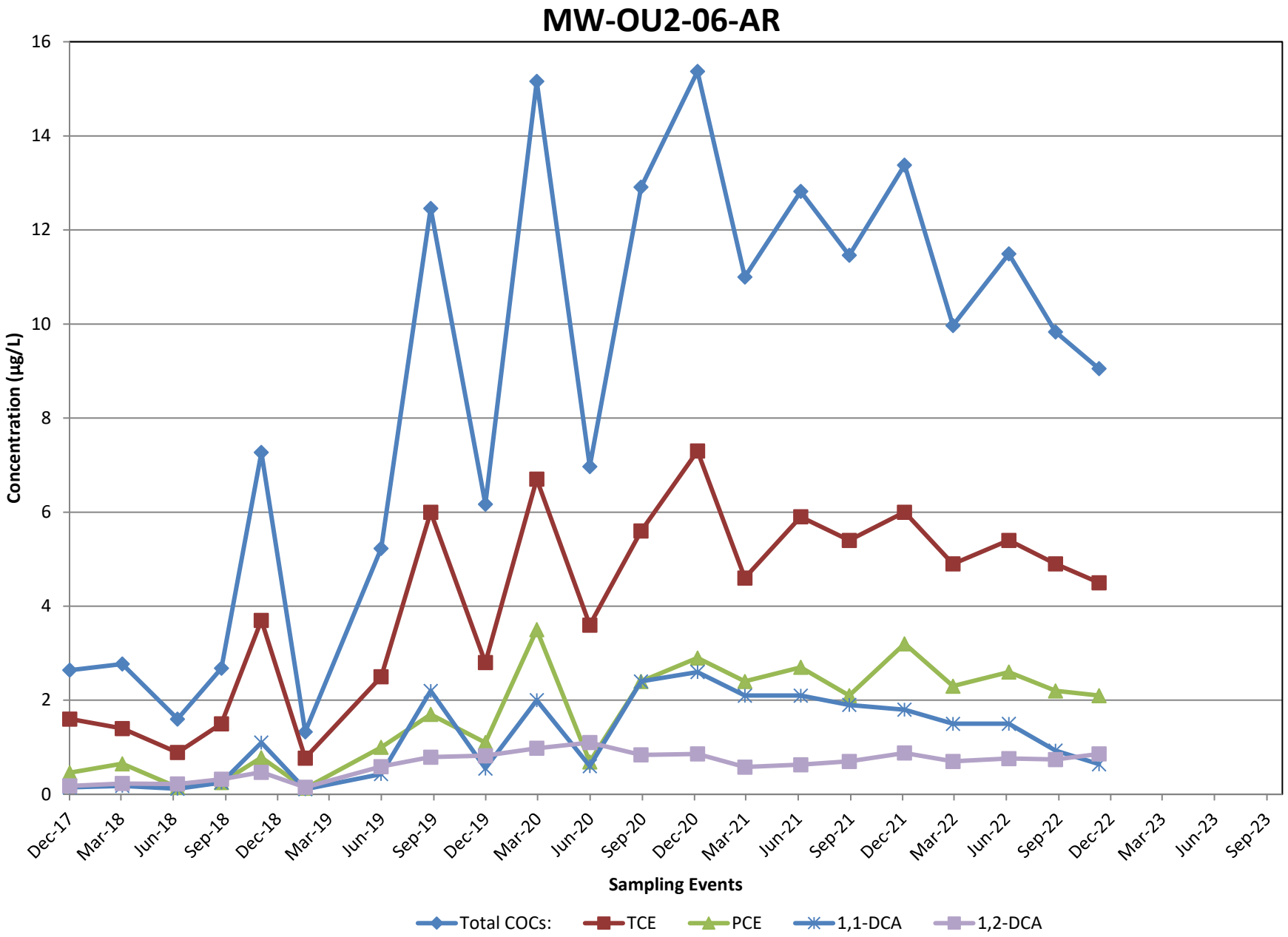
Groundwater Aquifer Divide
- Approximate location of the Upper 180-Foot Aquifer groundwater divide
- Approximate location of the A-Aquifer groundwater divide

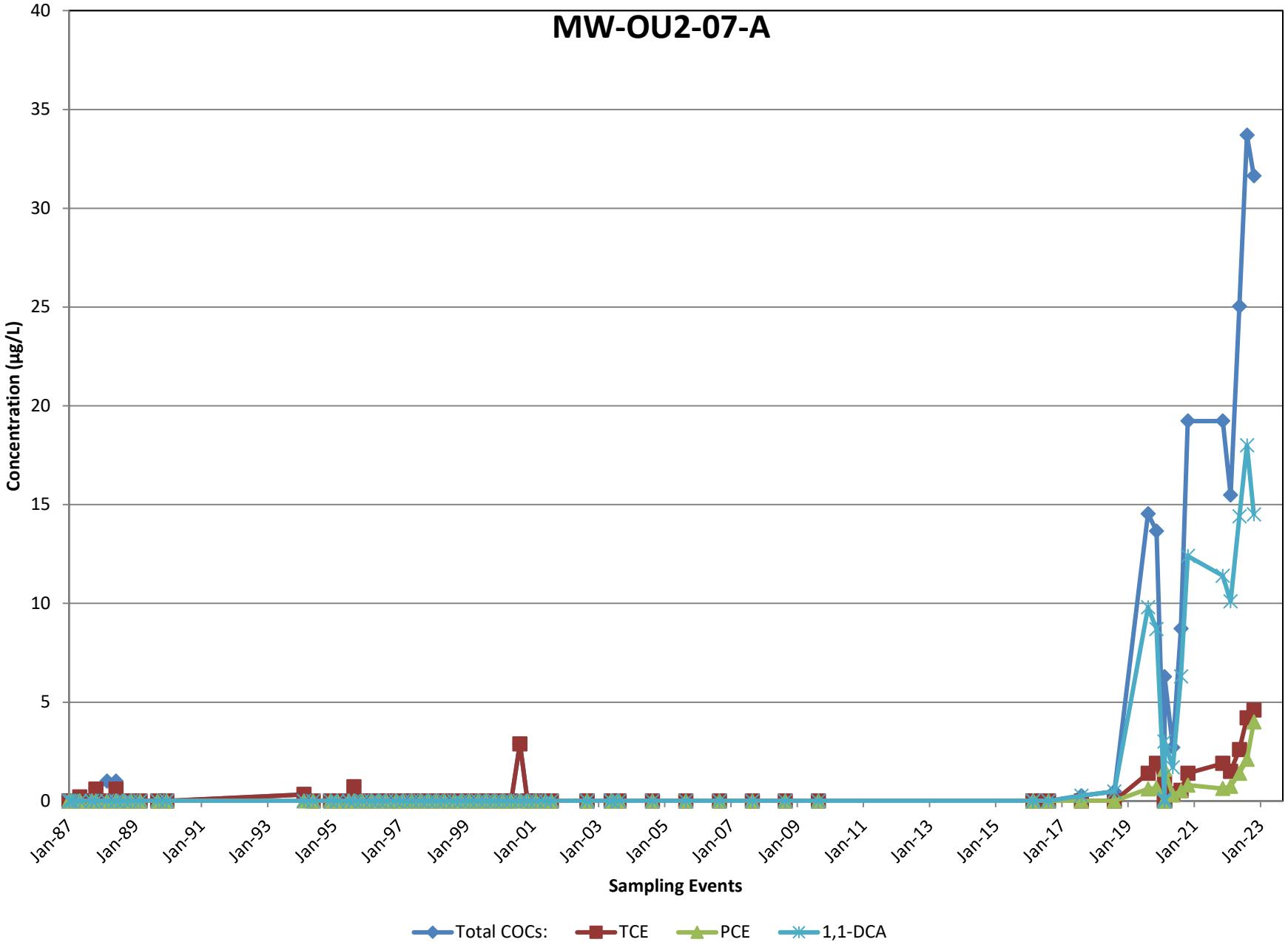
OU2 A-Aquifer Hydraulic Zone
- 1
- 2
- 3
- 4
- 5

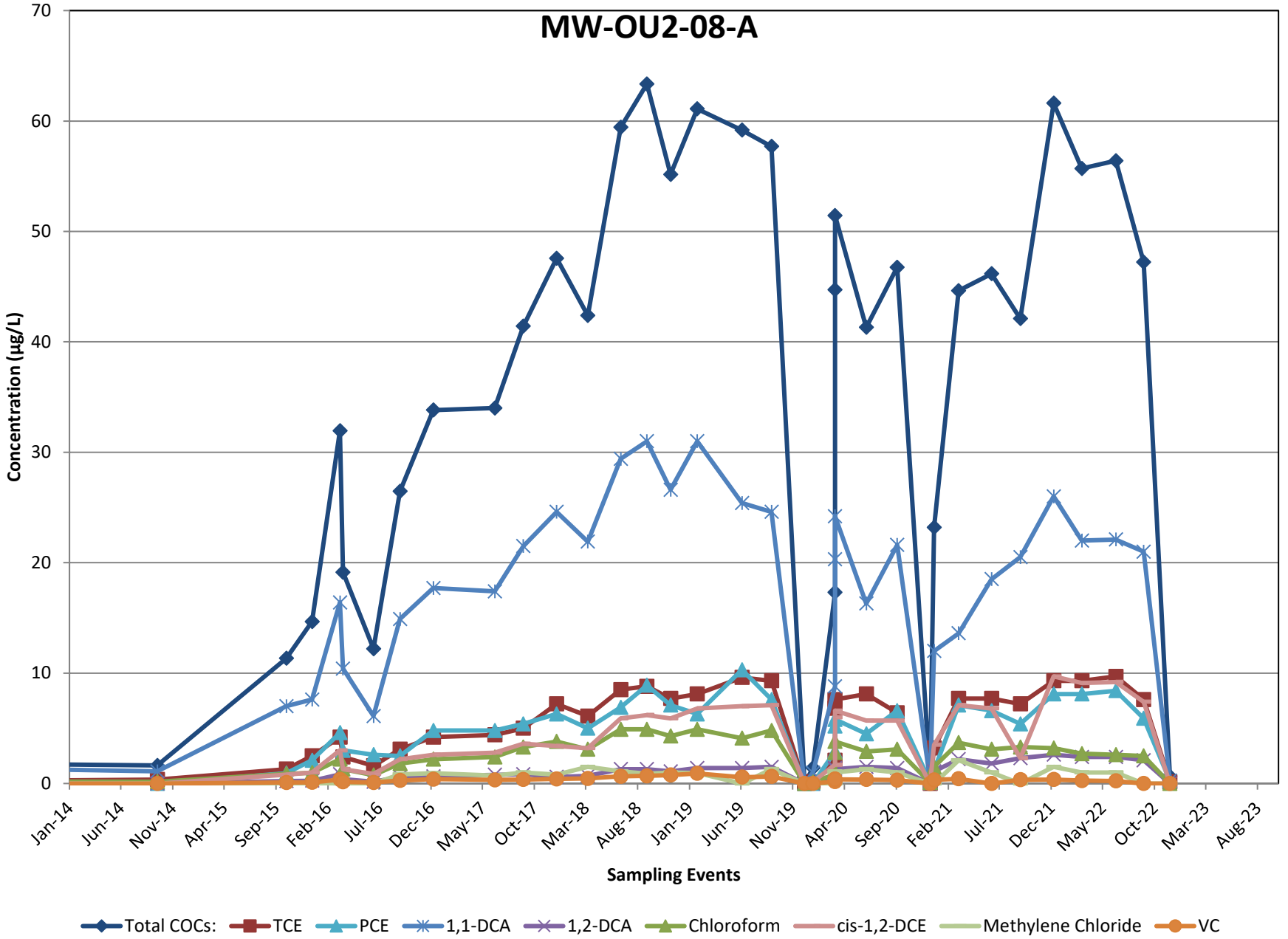
TCE CONCENTRATIONS AND OTHER COC ACL EXCEEDANCES
A-AQUIFER
THIRD QUARTER 2022
Operable Unit 2, Remedy Monitoring and Operations and Maintenance, Fourth Quarter 2021 - Third Quarter 2022
Former Fort Ord, California

Ahtna | Date: 11/19/2022 | Figure: 34


MW-OU2-05-AR
Concentration (µg/L)
25
20
15
10
5
0
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22
Jul-22
Sep-22
Nov-22
Jan-23
Mar-23
May-23
Jul-23
Sep-23
Sampling Events
Total COCs:
TCE
1,1-DCA
Chloroform


MW-OU2-06-AR
Concentration (µg/L)
16
14
12
10
8
6
4
2
0
Dec-17
Mar-18
Jun-18
Sep-18
Dec-18
Mar-19
Jun-19
Sep-19
Dec-19
Mar-20
Jun-20
Sep-20
Dec-20
Mar-21
Jun-21
Sep-21
Dec-21
Mar-22
Jun-22
Sep-22
Dec-22
Mar-23
Jun-23
Sep-23
Sampling Events
Total COCs:
TCE
PCE
1,1-DCA
1,2-DCA


MW-OU2-07-A
Concentration (µg/L)
40
35
30
25
20
15
10
5
0
Jan-87
Jan-89
Jan-91
Jan-93
Jan-95
Jan-97
Jan-99
Jan-01
Jan-03
Jan-05
Jan-07
Jan-09
Jan-11
Jan-13
Jan-15
Jan-17
Jan-19
Jan-21
Jan-23
Sampling Events
Total COCs:
TCE
PCE
1,1-DCA


MW-OU2-08-A
Concentration (µg/L)
70
60
50
40
30
20
10
0
Jan-14
Jun-14
Nov-14
Apr-15
Sep-15
Feb-16
Jul-16
Dec-16
May-17
Oct-17
Mar-18
Aug-18
Jan-19
Jun-19
Nov-19
Apr-20
Sep-20
Feb-21
Jul-21
Dec-21
May-22
Oct-22
Mar-23
Aug-23
Sampling Events
Total COCs:
TCE
PCE
1,1-DCA
1,2-DCA
Chloroform
cis-1,2-DCE
Methylene Chloride
VC

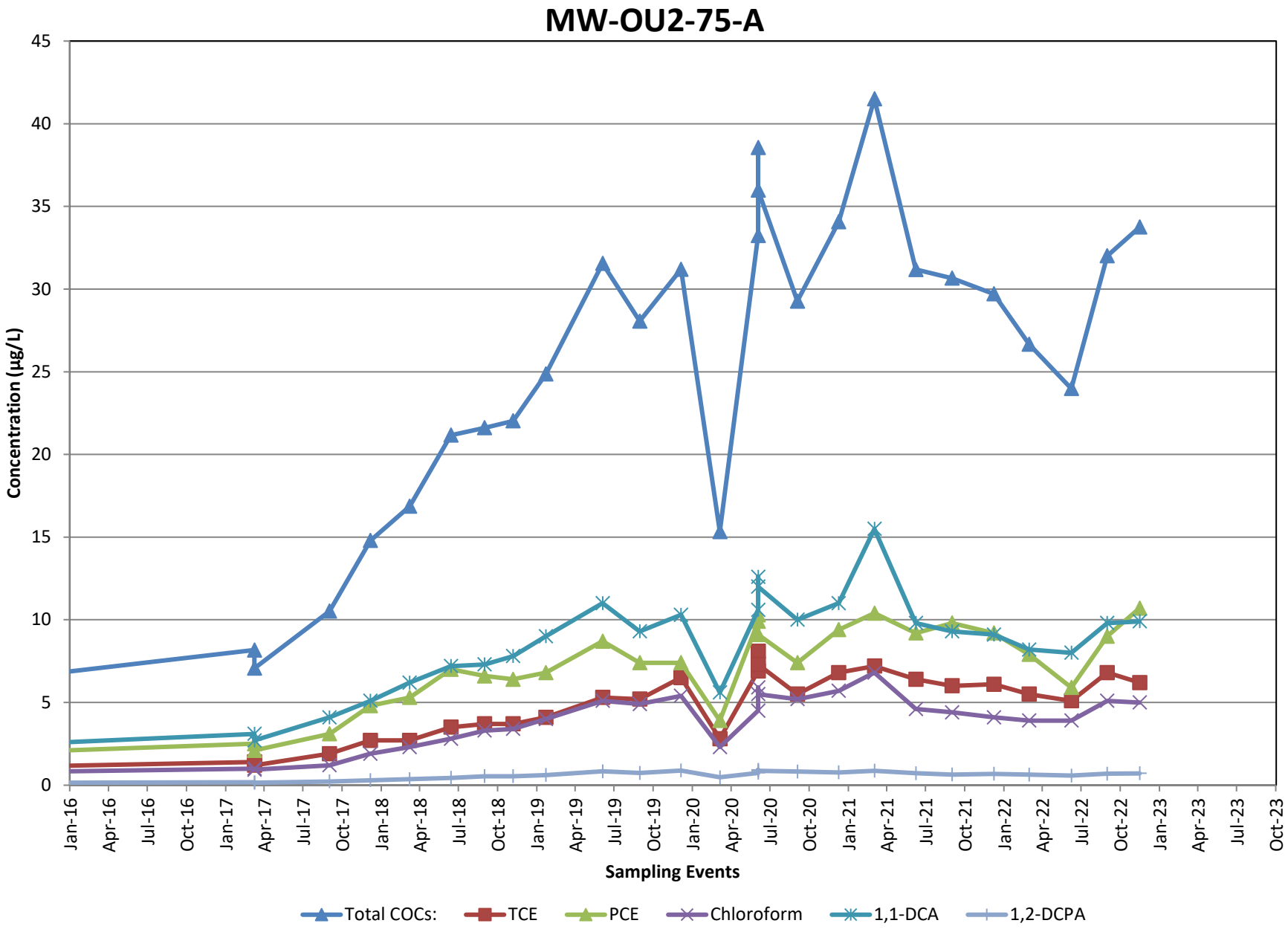

MW-OU2-75-A
Concentration (µg/L)
0
5
10
15
20
25
30
35
40
45
Jan-16
Apr-16
Jul-16
Oct-16
Jan-17
Apr-17
Jul-17
Oct-17
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23
Jul-23
Oct-23
Sampling Events
Total COCs:
TCE
PCE
Chloroform
1,1-DCA
1,2-DCPA

Table 5. OU2 Upper 180-Foot Select Extraction/Monitoring Well Data

OU2 Hydraulic Zone[1]	Well Identification[2]	TCE Concentration (µg/L)				
		4Q 2021	1Q 2022	2Q 2022	3Q 2022	4Q22
	ACL:	5				
6	EW-OU2-03-180	**8.1**	**7.4**	**7.9**	**7.0**	**8.3 J**
6	MW-OU2-23-180	**13.5 J+**	**10.8**	**12.4**	**11.4**	**5.1**
6	MW-OU2-50-180	**15.9 J+**	**8.6**	**10.9 J+**	**11.1**	**9.7**
6	MW-OU2-51-180	0.72 J+	0.65	0.69	0.79	0.64 J
7	EW-OU2-05-180	2.0	2.1	2.4	2.5	2.7 J+
7	EW-OU2-06-180	3.3	3.6	3.9	4.3	4.4 J+
7	EW-OU2-10-180	**6.8**	**7.3**	**7.6**	**7.5**	**7.8 J**
7	EW-OU2-11-180	3.8	4.2	4.8	4.3	4.7
7	EW-OU2-12-180	**7.0**	**7.3**	**7.4**	**7.9 J+**	**7.7**
7	MW-OU2-24-180	**9.5**	**8.0**	**7.4**	**7.7**	**6.8 J+**
7	MW-OU2-81-180	4.5	3.8	3.1	3.0 J+	**5.1 J+**
7	MW-OU2-44-180	**12.4**	**10.6**	**11.8**	**12.5**	**9.8 J+**
7	MW-OU2-56-180	**7.0 J+**	**5.8**	**7.1**	**7.2**	**8.2 J**
8	EW-OU2-08-180	2.6	1.6	2.4 J+	2.5	2.6 J+
8	MW-OU2-28-180	**5.2 J+**	3.3	3.7	**5.3 J+**	3.0
8	MW-OU2-62-180	1.9	1.5	1.1	0.73	0.47 J
9	EW-OU2-01-180	**9.7**	**9.6**	**9.2 J+**	**9.2 J+**	**8.4**
9	EW-OU2-02-180R	4.9	**5.2**	**5.7**	**5.6 J+**	**5.2**
9	MW-OU2-06-180R2	1.2	1.2	0.87	0.88	0.66 J-
9	MW-OU2-43-180	2.4 J+	1.9	2.9	3.8	2.6
N/A	MW-OU2-84-180	ND (0.25)	0.10 J	ND (0.25)	ND (0.25)	ND (0.25)

Notes:
ACL: Aquifer Cleanup Level
COC: chemical of concern
TCE: trichloroethene
µg/L: micrograms per liter
NS: not sampled
ND: The analyte was not detected above the detection limit.
J: Estimated result with a high (+) or low (-) bias.
[1] Hydraulic zones are identified in the Groundwater QAPP.
[2] Extraction wells not listed have met the QAPP decision rules to no longer operate.
Results in **bold** and shaded are concentrations above the ACL
Results in gray are ND
Results in brackets from a second deeper passive diffusion bag
* Preliminary data

ND Chemical of Concern is non-detect

MW-OU2-44-180 / 12.5 — Well ID - Bold When ACL Exceeded (*Indicates: Sample not used for contouring) TCE concentration (µg/L) and lab qualifier.

NOTES:

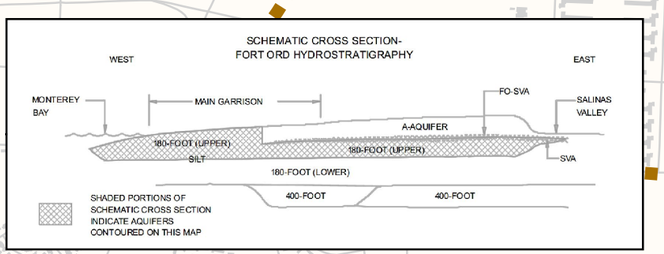
(1) Samples were collected between August 29, 2022 and September 30, 2022.

(2) Contours are based on one interpretation of the data that were 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.

EW-OU2-01-180 9.2 J+
MW-OU2-20-180* 1.5
MW-OU2-84-180 ND
MW-OU2-24-180 7.7
MW-OU2-06-180R2 0.88
MW-BW-14-180 6.4
MW-OU2-43-180 3.8
EW-OU2-02-180R 5.6 J+
MW-OU2-39-180 0.78
MW-OU2-53-180 6.3
MW-OU2-51-180 0.79
MW-OU2-50-180 11.1
MW-OU2-23-180 11.4
EW-OU2-03-180 7.0
MW-OU2-56-180 7.2
EW-OU2-11-180* 4.3
EW-OU2-10-180 7.5
MW-OU2-47-180 1.2
MW-OU2-63-180 1.7 J+
MW-OU2-44-180 12.5
EW-OU2-12-180 7.9 J+
MW-OU2-81-180 3.0 J+
EW-OU2-05-180
EW-OU2-06-180 4.3
MW-OU2-30-180
EW-OU2-09-180 0.17 J
MW-OU2-46-180 1.6
EW-OU2-08-180 2.5
MW-OU2-61-180 2.1 J+
MW-OU2-28-180 5.3 J+
MW-OU2-62-180 0.73

9 7 6 8 B C D E F



N W E S

0 1,750 3,500
Feet

EXPLANATION

- Roads
- Approximate Edge of Fort Ord - Salinas Valley Aquitard (FO-SVA)
- General groundwater flow direction
- Facilities
- Approximate extent of landfill areas (Areas B through F)
- Former Fort Ord boundary

Well Type and COC Detection

- Extraction well with trichloethene (TCE) detection
- Extraction well not sampled
- Monitoring well with TCE detection
- Monitoring well with no TCE detection
- Monitoring well not sampled

Chemical of concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L.

5 — Trichloroethene (TCE) plume extent

Groundwater Aquifer Divide

- Approximate location of the Upper 180-Foot Aquifer groundwater divide

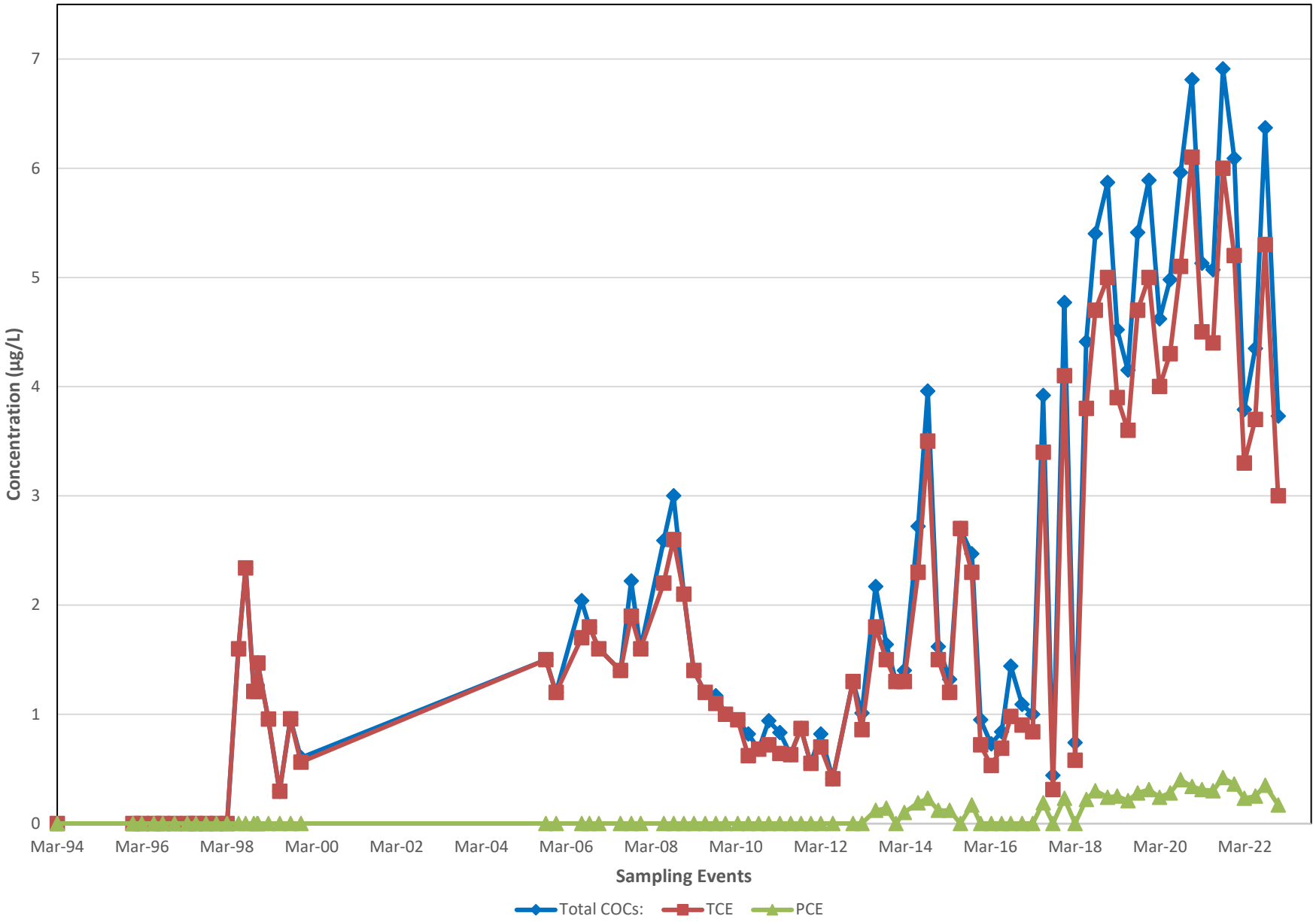
OU2 Upper 180-Foot Aquifer Hydraulic Zone

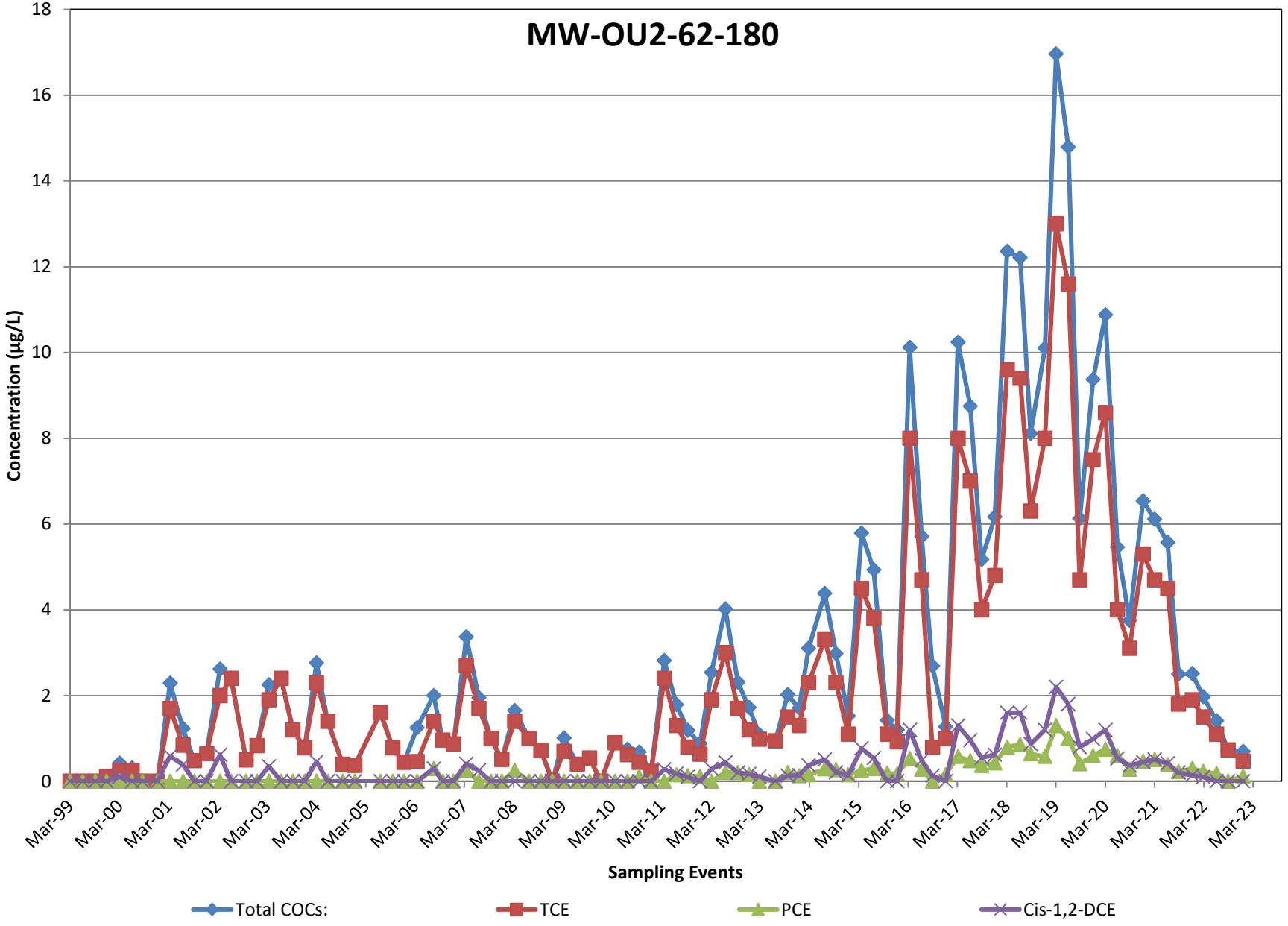
- 6
- 7
- 8
- 9

TCE CONCENTRATIONS AND OTHER COC ACL EXCEEDANCES
UPPER 180-FOOT AQUIFER
THIRD QUARTER 2022
Operable Unit 2, Remedy Monitoring and Operations and Maintenance, Fourth Quarter 2021 - Third Quarter 2022
Former Fort Ord, California

Ahtna | Date: 11/18/2022 | Figure: 44

MW-OU2-28-180


Concentration (µg/L)
0
1
2
3
4
5
6
7
Mar-94
Mar-96
Mar-98
Mar-00
Mar-02
Mar-04
Mar-06
Mar-08
Mar-10
Mar-12
Mar-14
Mar-16
Mar-18
Mar-20
Mar-22
Sampling Events
Total COCs:
TCE
PCE


MW-OU2-62-180
Concentration (µg/L)
0
2
4
6
8
10
12
14
16
18
Mar-99
Mar-00
Mar-01
Mar-02
Mar-03
Mar-04
Mar-05
Mar-06
Mar-07
Mar-08
Mar-09
Mar-10
Mar-11
Mar-12
Mar-13
Mar-14
Mar-15
Mar-16
Mar-17
Mar-18
Mar-19
Mar-20
Mar-21
Mar-22
Mar-23
Sampling Events
Total COCs:
TCE
PCE
Cis-1,2-DCE