Operable Unit 2 Data and Status

Table 1: July - August 2025 – OU2 GWTP Statistics

Month	Volume Treated (gallons)	Temporal Average Flow Rate (gallons per minute)	Percent of Time Online	COC Mass Removed (pounds)
July 2025	36,000,473	806	100	1.6
August 2025	33,062,155	741	88	1.6
Total since October 1995	10.543 billion			1,013

Table 2: July - August 2025 – Treated Water Reuse

Month	Volume Used (gallons)	Use
July 2025	2,500	Landfills
August 2025	2,000	Landfills
Total since October 2016	4.388 million	

Remedial Summary

- **11 COCs:** 1,1-DCA; 1,2-DCA; 1,2-DCPA; benzene; CT; chloroform; cis-1,2-DCE; methylene chloride; PCE; TCE; and VC. Metals monitored annually near OU2 Landfills.
- **Remediation:** Pump and treat with GAC in the A-Aquifer and Upper 180-Foot Aquifer since 1995. Extraction wells added in 2000 and 2007. OU2 GWTP relocated from the western network area to OU2 Landfills, extraction wells added in 2018.
- **Monitoring:** Quarterly groundwater monitoring and reporting, including annual 3Q monitoring and reports. Described in the most recent Groundwater QAPP.

Recent Key Events

- July 13: Pump failure at EW-OU2-06-A after PG&E power failure.
- July 23: Bunker Hill Network back online after leak detector system repairs completed.
- Aug 12: EW-OU2-13-180 shut down until Aug 14 after repair of broken fitting in the vault.
- Aug 18-22: Third Quarter 2025 GWMP.
- Aug 26: Regional power outage caused VFD failures at both OU2 GWTP effluent pumps, EW-OU2-03-180, and EW-OU2-13-180. Landfill communications radio antenna mast failure and Western Network leak detector PLC failure.
    - Sept 4: EW-OU2-13-180 VFD replaced.
    - Sept 10: OU2 GWTP effluent pump VFDs replaced and operational.

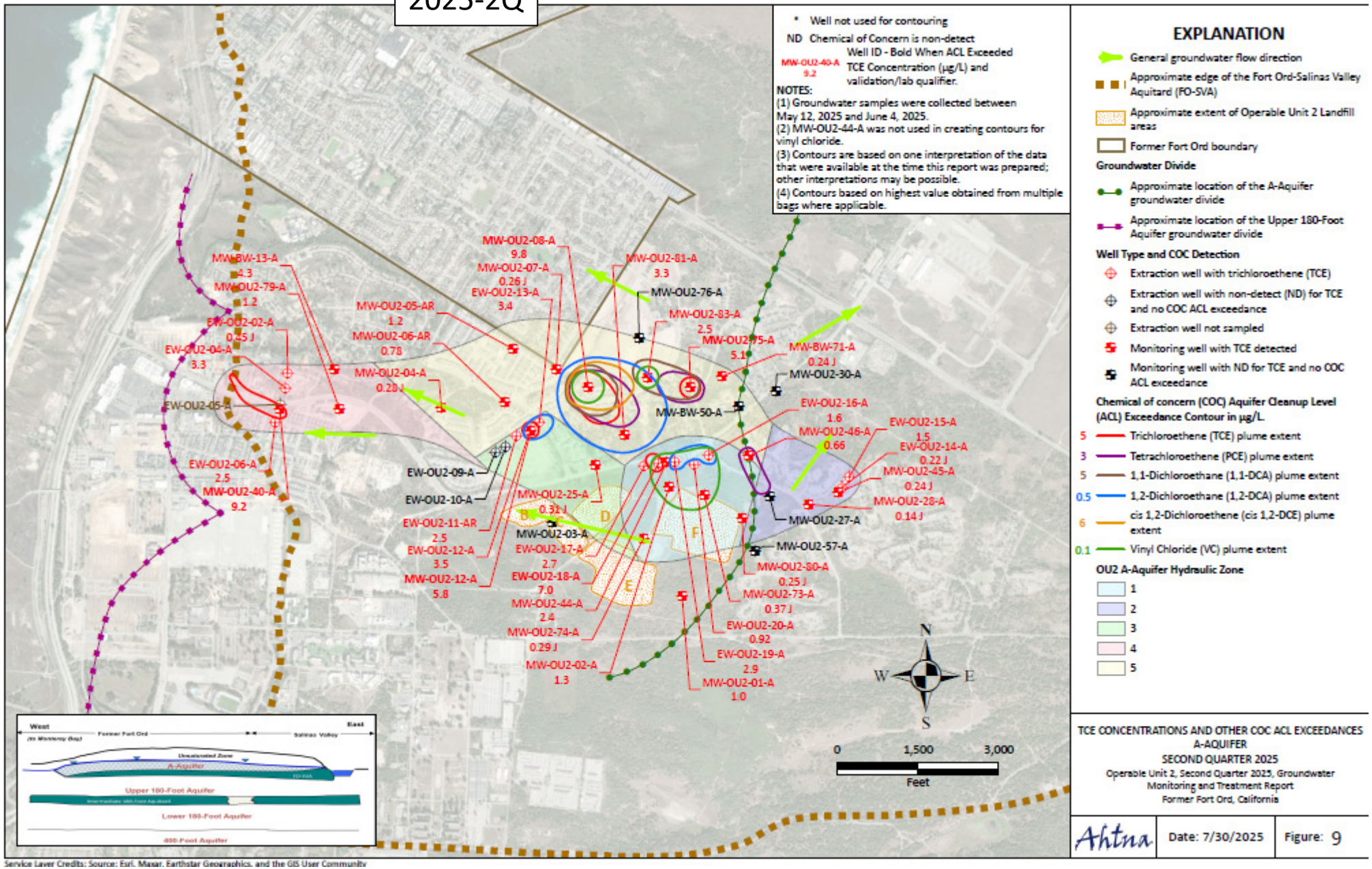
Future Key Events

- Repair Landfill communications radio antenna mast.
- Repair Western Network leak detector PLC.
- Replace failed pump and restart EW-OU2-06-A.
- Replace EW-OU2-03-180 failed VFD.

July-August 2025 OU2 Treated Water at TS-OU2-INJ-01 did not exceed discharge limits.

Ahtna

2025-2Q



TCE CONCENTRATIONS AND OTHER COC ACL EXCEEDANCES
A-AQUIFER
SECOND QUARTER 2025
Operable Unit 2, Second Quarter 2025, Groundwater Monitoring and Treatment Report
Former Fort Ord, California

Ahtna | Date: 7/30/2025 | Figure: 9

Table 3. Third Quarter 2025 OU2 A-Aquifer*

Well ID	Station	Sampled	11DCA		12DCA		Chl		cis12DCE		PCE		TCE		VC	
		ACL:	5		0.5		2		6		3		5		0.1	
EW-OU2-02-A	-	8/12/2025	0.51		<0.25		0.11	J	<0.25		<0.25		0.36	J	<0.25	
EW-OU2-04-A	-	8/12/2025	1.3		0.25	J	0.45	J	0.28	J	0.67		3.1		<0.25	
EW-OU2-09-A	-	8/12/2025	<0.25		<0.25		<0.25		<0.25		0.25	J	0.20	J	<0.25	
EW-OU2-10-A	-	8/12/2025	<0.25		0.37	J	<0.25		0.46	J	0.44	J	0.49	J	<0.25	
EW-OU2-11-AR	-	8/12/2025	1.7		0.21	J	0.29	J	0.94		1.1		2.2		<0.25	
EW-OU2-12-A	-	8/12/2025	1.7		**1.3**		0.46	J	2.5		2.7		**6.0**		<0.25	
EW-OU2-13-A	-	8/12/2025	0.52		**2.1**		0.30	J	1.2		1.3		3.6		<0.25	
EW-OU2-14-A	5	8/19/2025	<0.25		<0.25		0.32	J	<0.25		0.65		0.21	J	<0.25	
EW-OU2-15-A	6	8/19/2025	<0.25		<0.25		0.28	J	<0.25		<0.25		1.7		<0.25	
EW-OU2-16-A	-	8/12/2025	2.7		**0.93**		0.17	J	4.8		1.3		1.5		**0.24**	
EW-OU2-17-A	-	8/12/2025	0.28	J	**0.57**		0.45	J	0.32	J	2.2		2.9		<0.25	
EW-OU2-18-A	-	8/12/2025	1.2		0.28	J	0.38	J	0.79		2.8		**7.3**		0.062	J
EW-OU2-19-A	-	8/12/2025	3.6		**0.84**		<0.25		5.1		2.4		3.4		**0.52**	
EW-OU2-20-A	-	8/12/2025	1.7		0.30	J	<0.25		3.3		0.89		0.94		**0.16**	
MW-BW-13-A	6	8/19/2025	4.1		0.16	J	0.88		0.45	J	1.7		4.6		<0.25	
MW-BW-48-A	2	8/20/2025	<0.25		<0.25		0.30	J	<0.25		<0.25		<0.25		<0.25	
MW-BW-49-A	2	8/20/2025	<0.25		<0.25		0.11	J	<0.25		<0.25		<0.25		<0.25	
MW-BW-49-A	4	8/20/2025	<0.25		<0.25		0.11	J	<0.25		<0.25		<0.25		<0.25	
MW-BW-50-A	5	8/20/2025	1.1		<0.25		1.1		<0.25		**4.4**		0.97		<0.25	
MW-BW-71-A	4	8/20/2025	1.1		<0.25		1.1		<0.25		0.25	J	0.26	J	<0.25	
MW-OU2-01-A	5	8/18/2025	<0.25		<0.25		0.18	J	<0.25		0.38	J	1.30		<0.25	
MW-OU2-02-A	4	8/18/2025	1.0		0.28	J	<0.25		3.6		2.0		4.5		**1.9**	
MW-OU2-03-A	4	8/18/2025	<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25	
MW-OU2-04-A	4	8/20/2025	<0.25		<0.25		<0.25		<0.25		0.20	J	0.24	J	<0.25	
MW-OU2-05-AR	6	8/19/2025	2.0		<0.25		0.29	J	0.17	J	<0.25		0.89		<0.25	
MW-OU2-06-AR	6	8/20/2025	<0.25		<0.25		0.28	J	<0.25		0.23	J	0.69		<0.25	
MW-OU2-07-A	5	8/19/2025	1.1		0.13	J	0.60		0.26	J	0.36	J	0.21	J	<0.25	
MW-OU2-08-A	6	8/20/2025	**12**		**2.6**		1.3		**7.7**		**7.9**		**7**		**0.14**	
MW-OU2-12-A	5	8/20/2025	**8.2**		**1.2**		1.4		4.9		**4.4**		**12.2**		0.063	J

Notes:

- *Preliminary data
- Results in micrograms per liter by EPA Method 8260-SIM
- J: estimated detection below the limit of quantitation with a high (+) or low (-) bias
- U: not detected above the limit of detection shown
- <: not detected above the limit of detection shown

Analytes:

- 11DCA: 1,1-dichloroethane
- 12DCA: 1,2-dichloroethane
- Chl: chloroform
- cis12DCE: cis-1,2-dichloroethane
- PCE: tetrachloroethene
- TCE: trichloroethene
- VC: vinyl chloride

Increase in concentration compared to previous quarter

Table 3. Third Quarter 2025 OU2 A-Aquifer*

Well ID	Station	Sampled	11DCA		12DCA		Chl		cis12DCE		PCE		TCE		VC	
		ACL:	5		0.5		2		6		3		5		0.1	
MW-OU2-25-A	5	8/20/2025	<0.25		0.25	J	<0.25		0.67		0.30	J	0.38	J	<0.25	
MW-OU2-27-A	4	8/19/2025	0.17	J	<0.25		0.57		<0.25		2.4		<0.25		<0.25	
MW-OU2-28-A	3	8/19/2025	0.11	J	<0.25		0.39	J	<0.25		0.91		0.17	J	<0.25	
MW-OU2-30-A	4	8/20/2025	<0.25		<0.25		0.82		<0.25		<0.25		<0.25		<0.25	
MW-OU2-40-A	3	8/18/2025	0.41	J	0.14	J	0.67	B	1.9		0.43	J	**9.8**		<0.25	
MW-OU2-44-A	6	8/19/2025	1.3		0.25	J	0.32	J	0.85		1.2		1.8		<0.25	
MW-OU2-45-A	3	8/19/2025	<0.25		<0.25		0.28	J	<0.25		0.60		0.37	J	<0.25	
MW-OU2-46-A	6	8/19/2025	1.2		<0.25		1.4		<0.25		**3.1**		0.64		<0.25	
MW-OU2-57-A	4	8/19/2025	<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25	
MW-OU2-73-A	6	8/18/2025	1.5		0.28	J	0.13	J	3.3		1.6		0.40	J	**1.2**	
MW-OU2-74-A	5	8/18/2025	<0.25		**0.62**		<0.25		0.64		0.69		0.34	J	<0.25	
MW-OU2-75-A	3	8/20/2025	**5.9**		0.17	J	**4.2**		0.32	J	**6.3**		**5.6**		0.078	J
MW-OU2-76-A	6	8/20/2025	0.64		<0.25		0.34	J	<0.25		<0.25		<0.25		<0.25	
MW-OU2-79-A	6	8/18/2025	<0.25		0.11	J	<0.25		0.20	J	0.20	J	0.95		<0.25	
MW-OU2-80-A	5	8/18/2025	0.23	J	<0.25		0.11	J	<0.25		2.7		0.30	J	<0.25	
MW-OU2-81-A	4	8/20/2025	0.38	J	**2.5**		0.34	J	1.3		2.5		3.7		<0.25	
MW-OU2-83-A	6	8/20/2025	**6.9**		**0.56**		0.46	J	4.0		2.2		2.4		**0.12**	

Notes:
- *Preliminary data
- Results in micrograms per liter by EPA Method 8260-SIM
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- U: not detected above the limit of detection shown
- <: not detected above the limit of detection shown

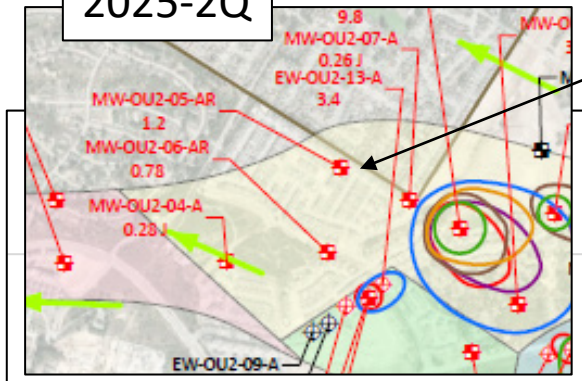
Analytes:
- 11DCA: 1,1-dichloroethane
- 12DCA: 1,2-dichloroethane
- Chl: chloroform
- cis12DCE: cis-1,2-dichloroethane
- PCE: tetrachloroethene
- TCE: trichloroethene
- VC: vinyl chloride

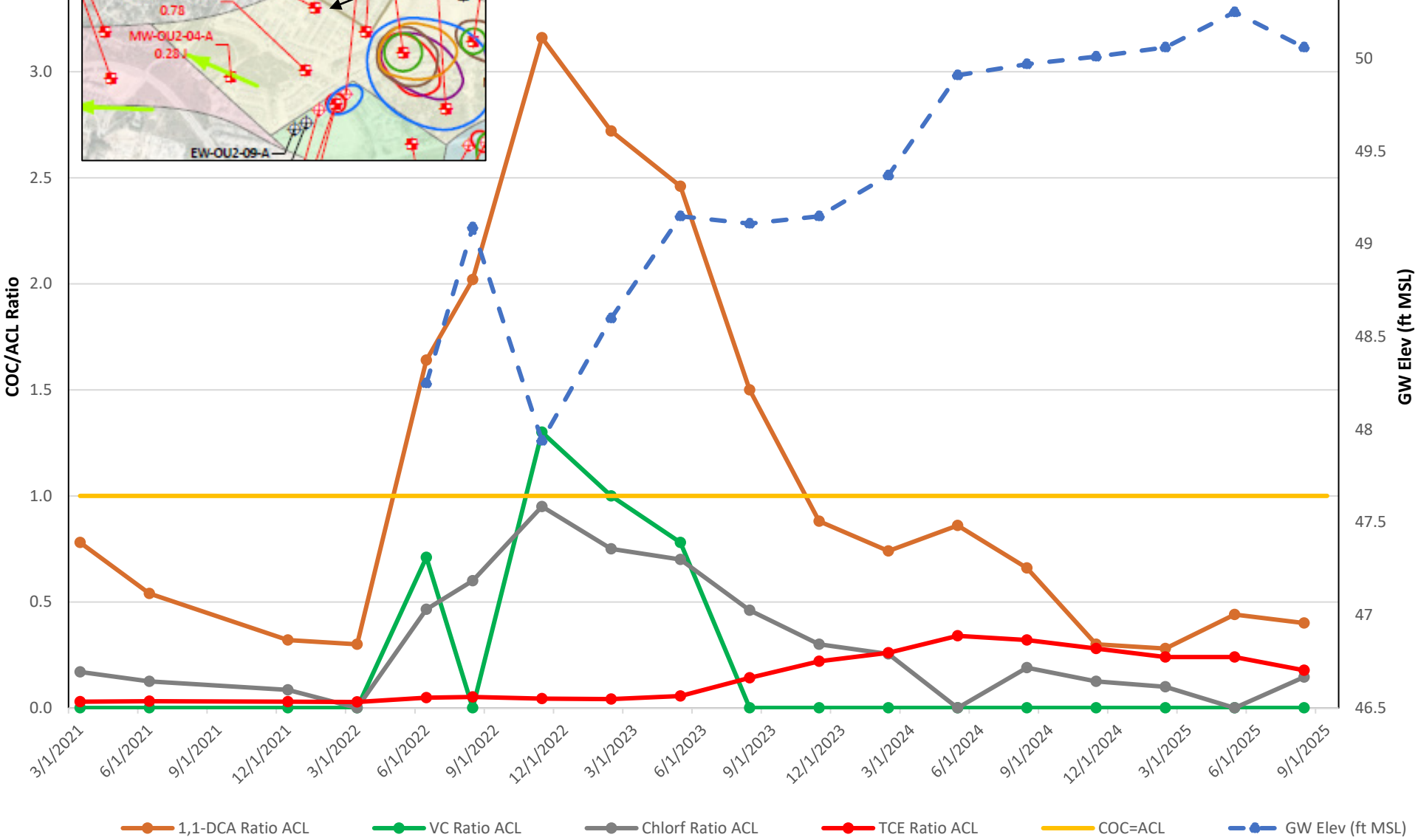
Increase in concentration compared to previous quarter

2025-2Q

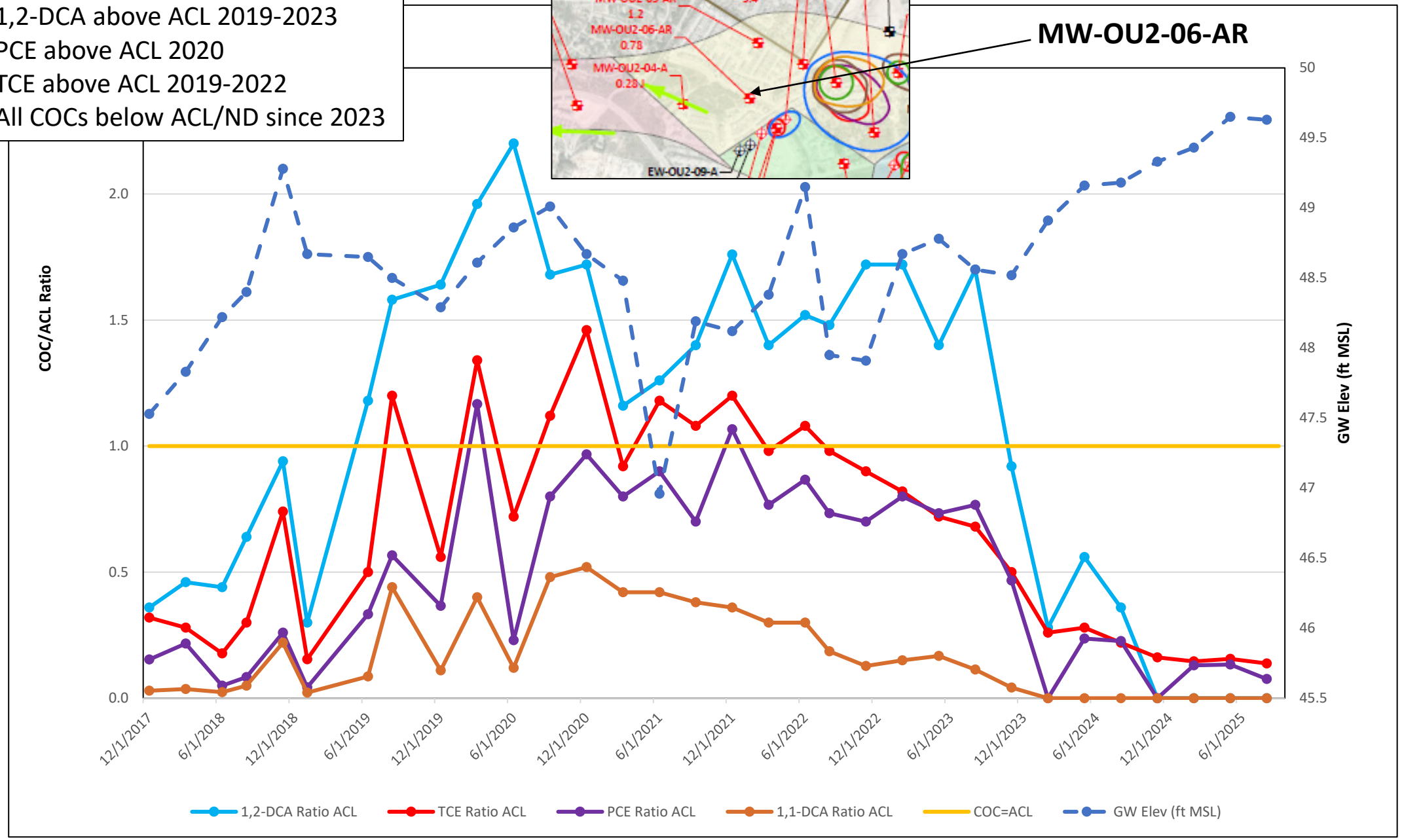
MW-OU2-05-AR

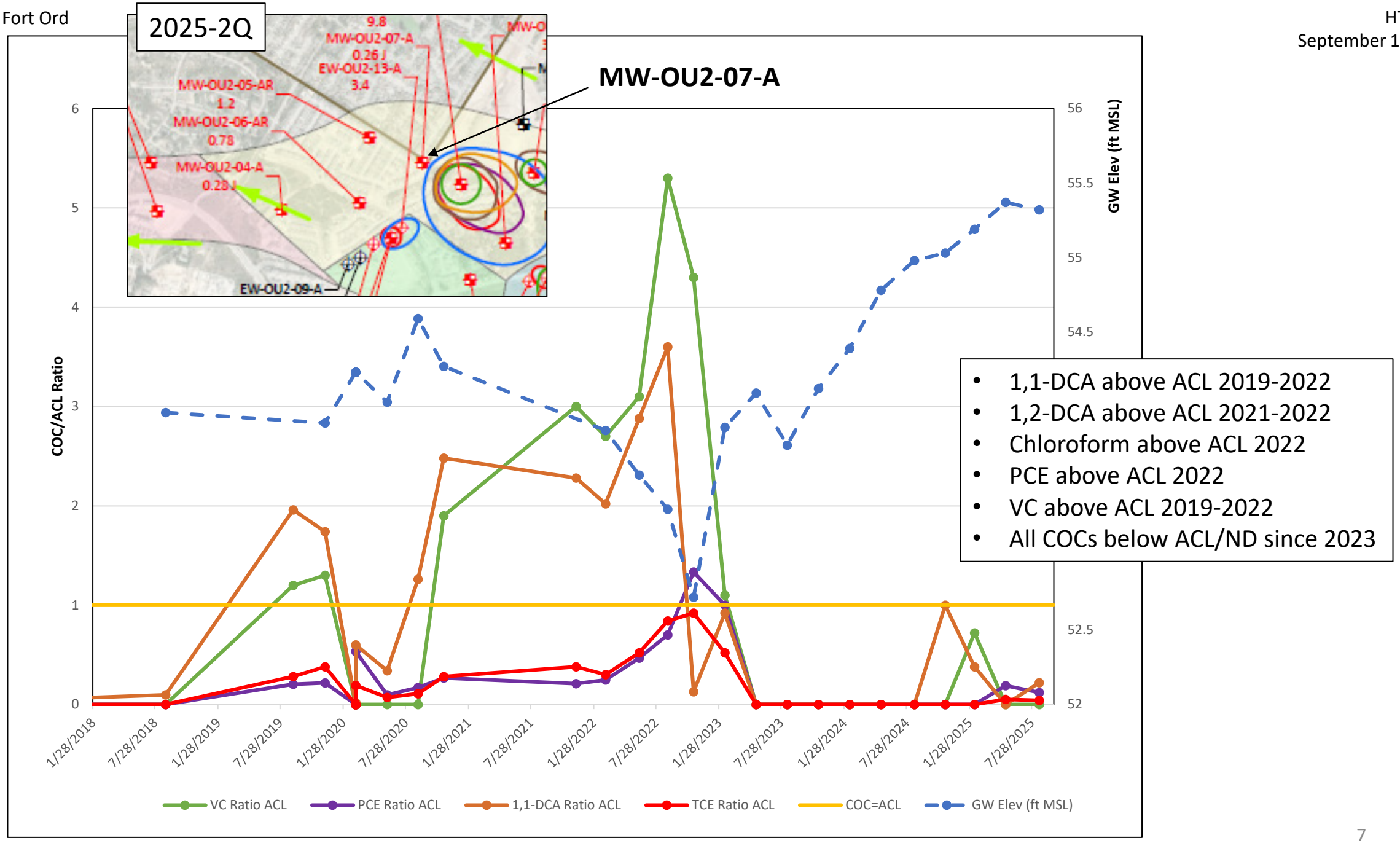
- 1,1-DCA above ACL 2022-2023
- VC above ACL 2022-2023
- All COCs below ACL/ND since 2023





- 1,2-DCA above ACL 2019-2023
- PCE above ACL 2020
- TCE above ACL 2019-2022
- All COCs below ACL/ND since 2023



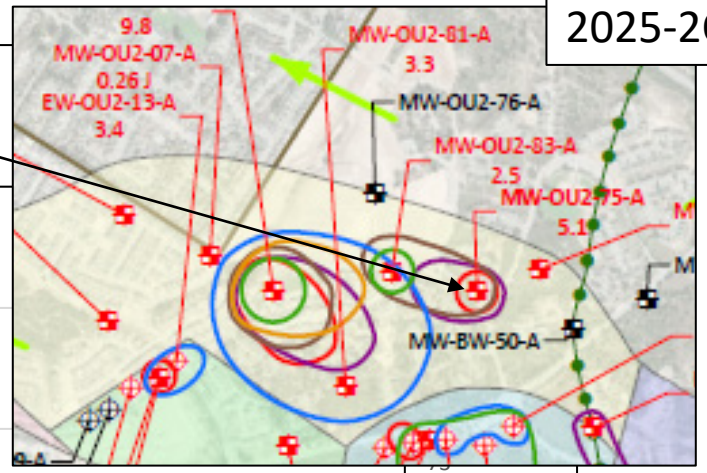


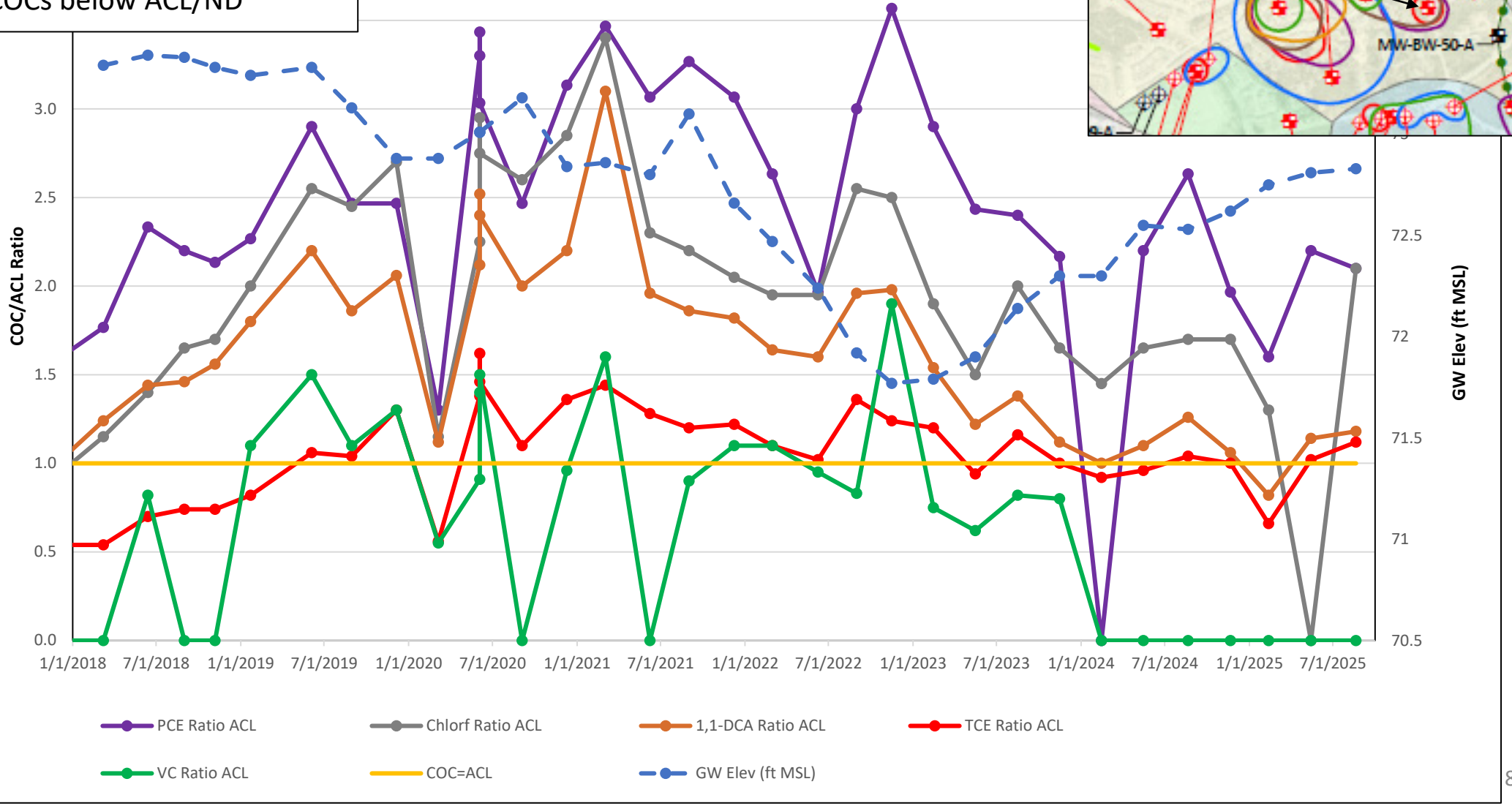
- 1,1-DCA above ACL 2019-2022
- 1,2-DCA above ACL 2021-2022
- Chloroform above ACL 2022
- PCE above ACL 2022
- VC above ACL 2019-2022
- All COCs below ACL/ND since 2023

- 1,1-DCA above ACL 2017-2024, 2Q25
- Chloroform above ACL 2018-present
- PCE above ACL 2017-present
- TCE above ACL 2019-2024, 2Q25
- VC above ACL 2019-2022
- All other COCs below ACL/ND

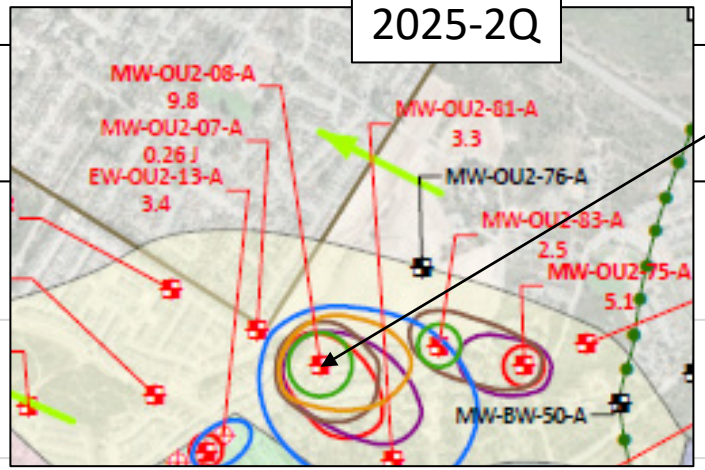
2025-2Q

MW-OU2-75-A





- 1,1-DCA above ACL 2024-present
- 1,2-DCA above ACL 2024-present, new max in 2025-1Q
- Chloroform above ACL 2024
- Cis-1,2-DCE above ACL 2024-present
- PCE above ACL 2024-present
- TCE above ACL 2024-present
- VC above ACL 2024-present
- All other COCs below ACL/ND



MW-OU2-08-A

COC/ACL Ratio

GW Elev (ft MSL)

0 2 4 6 8 10 12 14

58 58.5 59 59.5 60 60.5 61 61.5 62

1/1/2018 7/1/2018 1/1/2019 7/1/2019 1/1/2020 7/1/2020 1/1/2021 7/1/2021 1/1/2022 7/1/2022 1/1/2023 7/1/2023 1/1/2024 7/1/2024 1/1/2025 7/1/2025

Cis-1,2-DCE Ratio ACL
1,2-DCA Ratio ACL
VC Ratio ACL
1,1-DCA Ratio ACL
PCE Ratio ACL
TCE Ratio ACL
Chlorf Ratio ACL
COC=ACL
GW Elev (ft MSL)

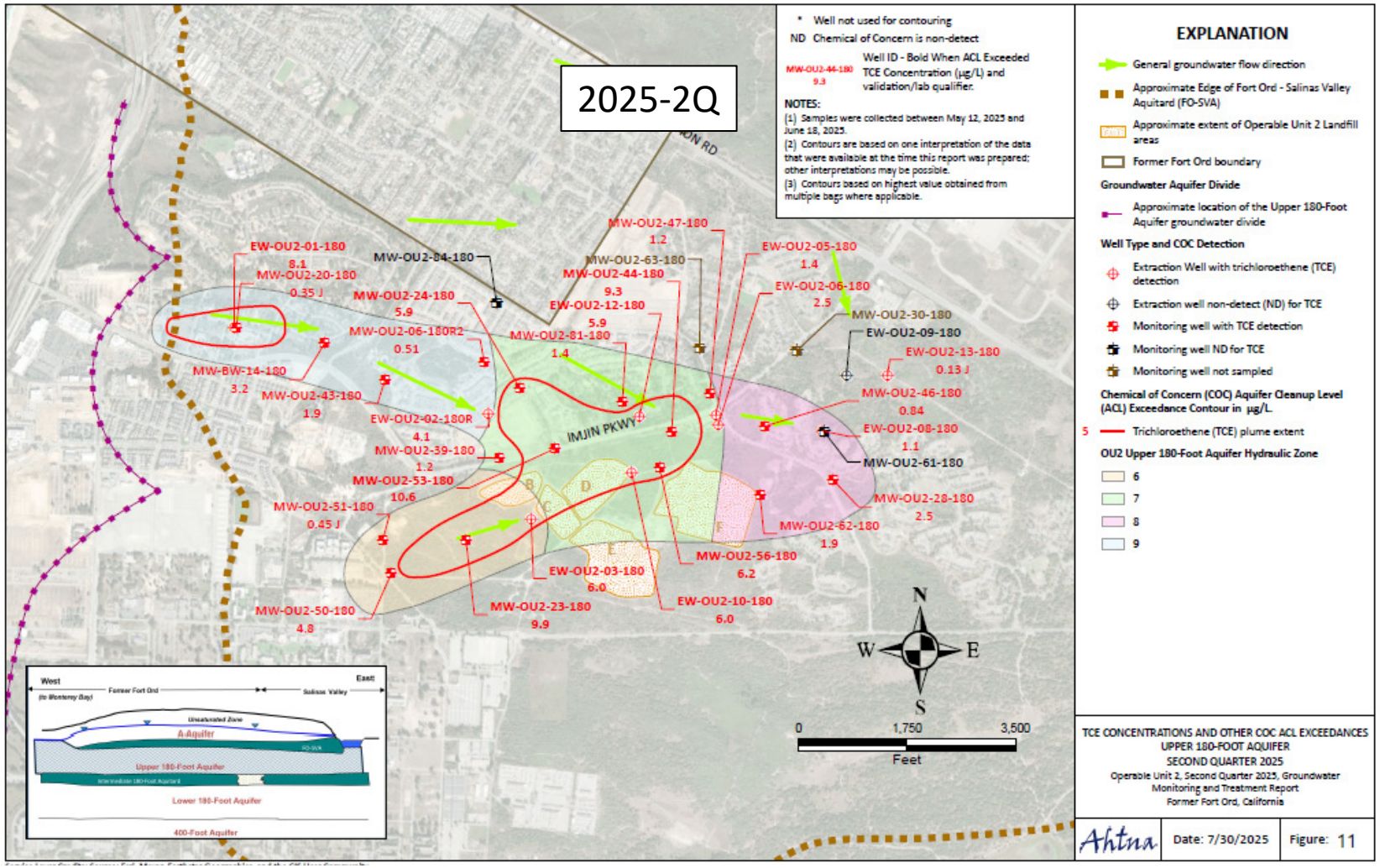
Table 4. Third Quarter 2025 OU2 Upper 180-Foot Aquifer TCE

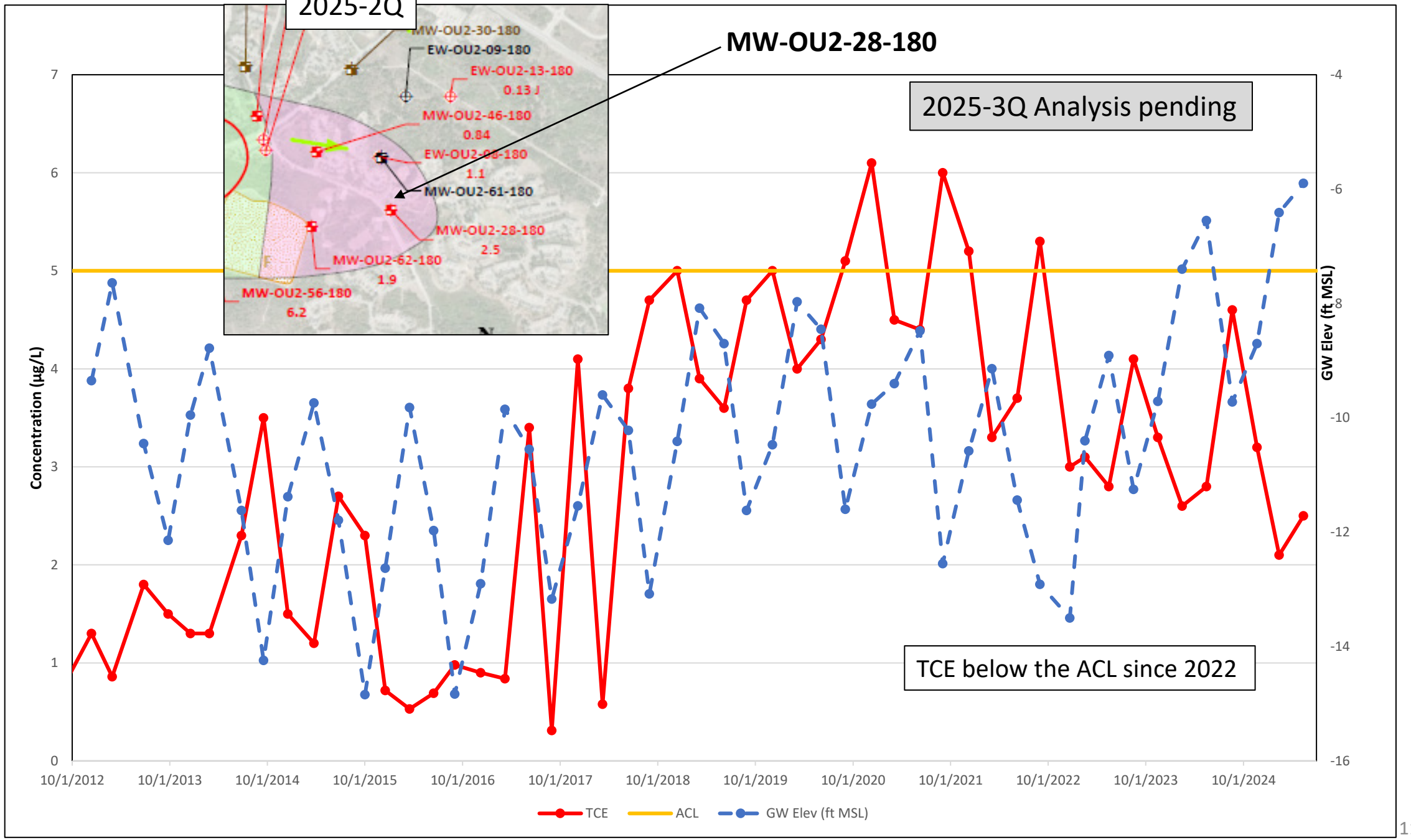
Well ID	Station	TCE*	
EW-OU2-01-180	3	**8.9**	
EW-OU2-02-180R	-	4.6	
EW-OU2-03-180	-	**6.3**	
EW-OU2-05-180	-	1.5	
EW-OU2-06-180	-	2.8	
EW-OU2-08-180	-	1.3	
EW-OU2-10-180	-	**6.6**	
EW-OU2-12-180	-	0.14	J
EW-OU2-13-180	analysis pending		
MW-BW-14-180	1	4.4	
MW-OU2-06-180R2	4	0.63	
MW-OU2-20-180	2	0.47	J
MW-OU2-23-180	5	**11.8**	
MW-OU2-24-180	5	**5.2**	
MW-OU2-28-180	analysis pending		
MW-OU2-39-180	4	0.67	
MW-OU2-43-180	3	3.7	
MW-OU2-44-180	2	**15.2**	
MW-OU2-46-180	5	1.2	
MW-OU2-47-180	2	0.92	
MW-OU2-50-180	analysis pending		
MW-OU2-51-180	5	0.48	J
MW-OU2-53-180	6	**11.4**	
MW-OU2-56-180	2	**6.5**	
MW-OU2-61-180	3	1.5	
MW-OU2-62-180	3	1.1	
MW-OU2-63-180	1	<0.25	
MW-OU2-81-180	4	1.3	
MW-OU2-84-180	1	0.11	J

Notes:

- *Preliminary data
- Results in micrograms per liter by EPA Method 8260-SIM
- J: estimated detection below the limit of quantitation with a high (+) or low (-) bias
- U: not detected above the limit of detection shown
- <: not detected above the limit of detection shown
- TCE: trichloroethene

Increase in concentration compared to previous quarter




2025-2Q
MW-OU2-28-180
2025-3Q Analysis pending
TCE below the ACL since 2022
MW-OU2-30-180
EW-OU2-09-180
EW-OU2-13-180
0.13 J
MW-OU2-46-180
0.84
EW-OU2-08-180
1.1
MW-OU2-61-180
MW-OU2-28-180
2.5
MW-OU2-62-180
1.9
MW-OU2-56-180
6.2
Concentration (µg/L)
GW Elev (ft MSL)
0
1
2
3
4
5
6
7
-4
-6
-8
-10
-12
-14
-16
10/1/2012
10/1/2013
10/1/2014
10/1/2015
10/1/2016
10/1/2017
10/1/2018
10/1/2019
10/1/2020
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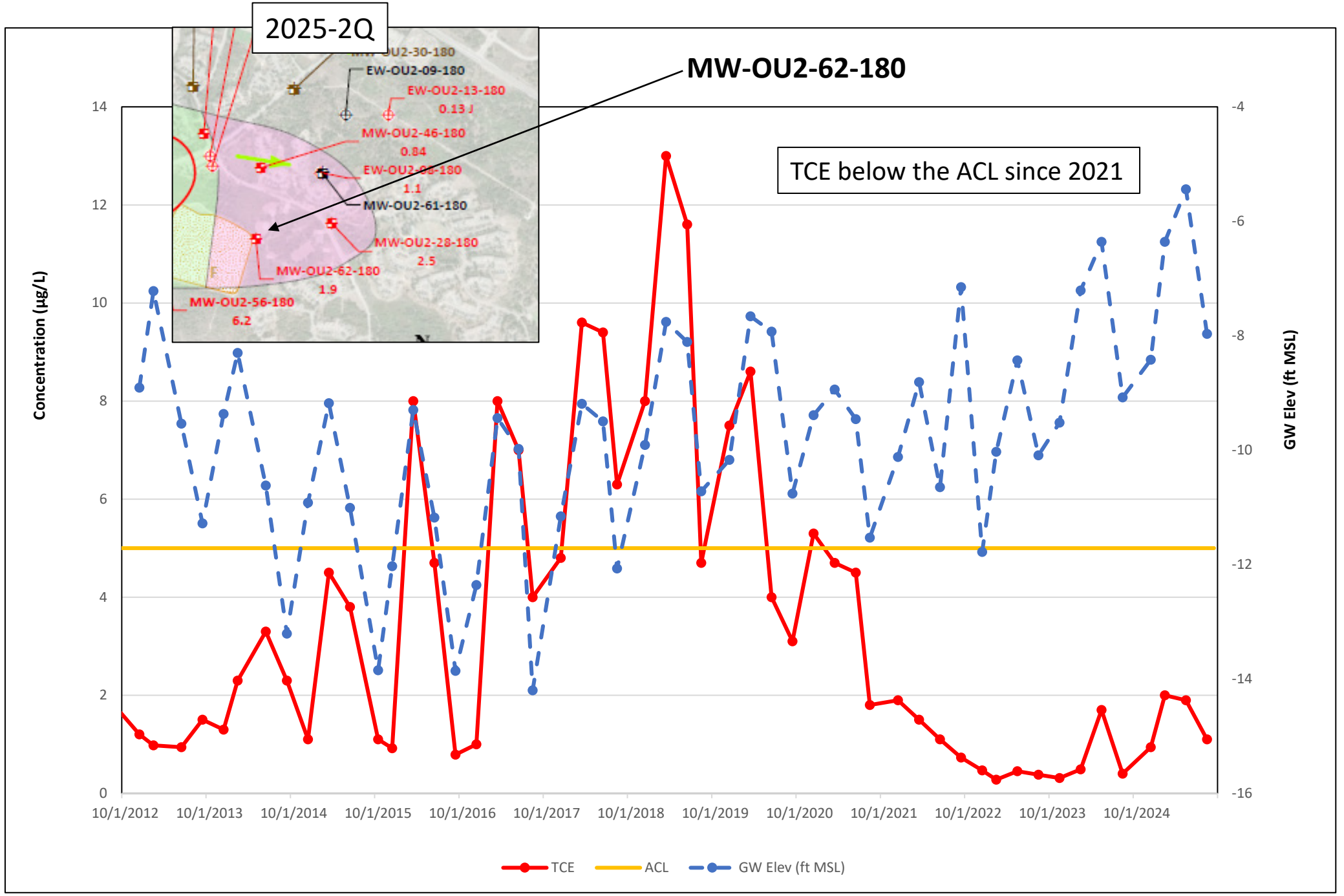
10/1/2022
10/1/2023
10/1/2024
TCE
ACL
GW Elev (ft MSL)


2025-2Q
MW-OU2-62-180
TCE below the ACL since 2021
EW-OU2-09-180
EW-OU2-13-180
0.13 J
MW-OU2-46-180
0.84
MW-OU2-61-180
MW-OU2-28-180
2.5
MW-OU2-62-180
1.9
MW-OU2-56-180
6.2
Concentration (µg/L)
GW Elev (ft MSL)
14
12
10
8
6
4
2
0
-4
-6
-8
-10
-12
-14
-16
10/1/2012
10/1/2013
10/1/2014
10/1/2015
10/1/2016
10/1/2017
10/1/2018
10/1/2019
10/1/2020
10/1/2021
10/1/2022
10/1/2023
10/1/2024
TCE
ACL
GW Elev (ft MSL)