

# Operable Unit 2 Data and Status

**Table 1:** Apr - June 2025 – OU2 GWTP Statistics

Month	Volume Treated (gallons)	Temporal Average Flow Rate (gallons per minute)	Percent of Time Online	COC Mass Removed (pounds)
Apr 2025	37,508,400	868	100	1.6
May 2025	38,455,604	861	100	1.7
June 2025	35,149,920	814	92	1.8
Total since October 1995	10.474 billion			1,009

**Table 2:** Apr - June 2025 – Treated Water Reuse

Month	Volume Used (gallons)	Use
Apr 2025	0	
May 2025	1,500	
June 2025	0	
Total since October 2016	4.384 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

- May 12-16: Second Quarter 2025 GWMP Event.
- Mat 13: failed water level transducers replaced in EW-OU2-04-A, EW-OU2-09-A, and EW-OU2-17-A.
- May 14: failed motor starter replaced in EW-OU2-04-A, restarted.
- May 20: blown fuse replaced in EW-OU2-09-A, offline 24 hours.
- May 27: PG&E work near Landfill PLC, EW-OU2-03-180 offline for 24 hours.
- June 10: failed sine wave filter replaced in EW-OU2-02-180R, restarted.
- June 20: faulty leak detector, EW-OU2-13-180 offline.
- June 21: OU2 GWTP offline 56 hours due to power outage.
- June 24: faulty leak detector, EW-OU2-08-180 offline.
- July 13: western network offline due to blown PG&E transformer fuse, troubleshooting.
- July 14-15: decommissioned MW-OU2-37-A and MW-OU2-37-180.
- July 16: PG&E repaired blown fuse supplying the Western Network. EW-OU2-02-A and EW-OU2-04-A back online. Troubleshooting EW-OU2-06-A.

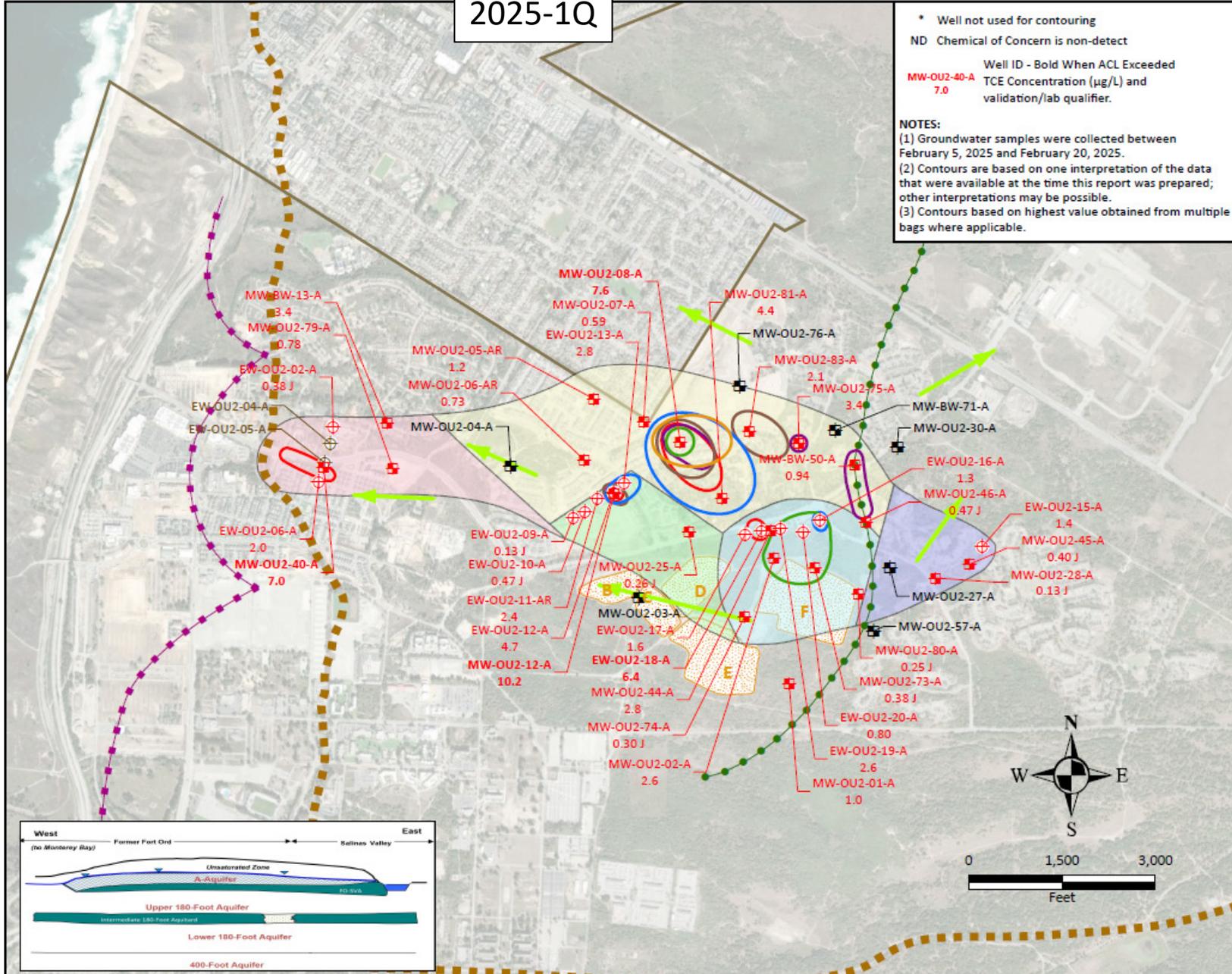
## Future Key Events

- Repair faulty leak detector and restart EW-OU2-08-180 and EW-OU2-13-180.
- Troubleshoot, repair and restart EW-OU2-06-A.

Apr-June 2025 OU2 Treated Water at TS-OU2-INJ-01 did not exceed discharge limits.



2025-1Q



\* Well not used for contouring  
 ND Chemical of Concern is non-detect  
 Well ID - Bold When ACL Exceeded  
 TCE Concentration (µg/L) and validation/lab qualifier.

**MW-OU2-40-A**  
 7.0

**NOTES:**  
 (1) Groundwater samples were collected between February 5, 2025 and February 20, 2025.  
 (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.

### EXPLANATION

- General groundwater flow direction
- Approximate edge of the Fort Ord-Salinas Valley Aquitard (FO-SVA)
- Approximate extent of Operable Unit 2 Landfill areas
- Former Fort Ord boundary

#### Groundwater Divide

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

#### Well Type and COC Detection

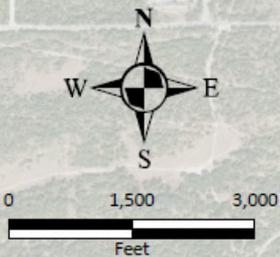
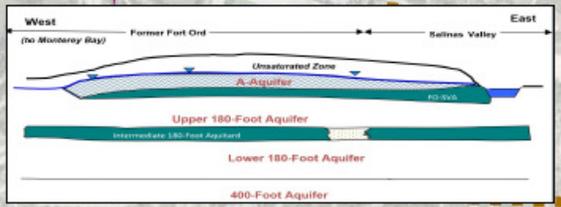
- Extraction well with trichloroethene (TCE)
- Extraction well not sampled
- Monitoring well with TCE detected
- Monitoring well with non-detect (ND) for TCE and no COC ACL exceedance

#### 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-DCE) plume extent
- 0.5 1,2-Dichloroethane (1,2-DCE) plume extent
- 6 cis 1,2-Dichloroethane (cis 1,2-DCE) plume extent
- 0.1 Vinyl Chloride (VC) plume extent

#### OU2 A-Aquifer Hydraulic Zone

- 1
- 2
- 3
- 4
- 5



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

**Table 3. Second Quarter 2025 OU2 A-Aquifer**

Well ID	Station	11DCA	12DCA	Chl	cis12DCE	PCE	TCE	VC
	ACL:	5	0.5	2	6	3	5	0.1
EW-OU2-02-A	-	0.57	<0.25	0.21J	<0.25	<0.25	0.45J	<0.10
EW-OU2-04-A	-	1.4	<0.25	<0.25	0.23J	<0.25	3.3	<0.10
EW-OU2-06-A	-	0.22J	<0.25	<0.25	0.56	<0.25	2.5	<0.10
EW-OU2-09-A	-	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10
EW-OU2-10-A	-	<0.25	0.31J	<0.25	0.5	<0.25	<0.25	<0.10
EW-OU2-11-AR	-	2.1	<0.25	0.41J	1.1	1.6	2.5	<0.10
EW-OU2-12-A	-	1.0	<b>0.68</b>	0.25J	2.1	1.6	3.5	<0.10
EW-OU2-13-A	-	0.53	<b>1.9</b>	0.28J	1.2	1.3	3.4	<0.10
EW-OU2-14-A*	3	<0.25	<0.25	0.34J	<0.25	0.97	0.22J	<0.10
EW-OU2-14-A*	4	<0.25	<0.25	0.34J	<0.25	0.98	0.22J	<0.10
EW-OU2-14-A*	5	<0.25	<0.25	0.32J	<0.25	0.98	0.22J	<0.10
EW-OU2-14-A*	6	<0.25	<0.25	0.35J	<0.25	1.0	0.22J	<0.10
EW-OU2-15-A	6	<0.25	<0.25	<0.25	<0.25	<0.25	1.5	<0.10
EW-OU2-16-A	-	3.1	<b>0.92</b>	0.17J	5.3	1.4	1.6	<b>0.33</b>
EW-OU2-17-A	-	0.24J	0.31J	0.36J	0.15J	2.5	2.7	<0.10
EW-OU2-18-A	-	1.3J	0.25J	0.33J	0.83	2.9	<b>7.0</b>	<b>0.11</b>
EW-OU2-19-A	-	3.6	<b>0.74</b>	<0.25	5.0	2.4	2.9	<b>0.62</b>
EW-OU2-20-A	-	1.8	0.30J	<0.25	3.4	0.91	0.92	<b>0.24</b>
MW-BW-13-A	6	4.0	0.14J	<0.25	0.42J	1.7	4.3	<0.10
MW-BW-50-A	5	<0.25	<0.25	<0.25	<0.25	0.17J	<0.25	<0.10
MW-BW-71-A	4	1.3	<0.25	<0.25	<0.25	0.32J	0.24J	<0.10
MW-OU2-01-A	4	<0.25	<0.25	<0.25	<0.25	0.31J	1.0	<0.10
MW-OU2-02-A	6	1.6	0.39J	<0.25	2.6	0.72	1.2	<b>4.0</b>
MW-OU2-03-A	4	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10
MW-OU2-04-A	4	<0.25	<0.25	<0.25	<0.25	0.24J	0.28J	<0.10
MW-OU2-05-AR	6	2.2	<0.25	<0.25	0.22J	<0.25	1.2	<0.10
MW-OU2-06-AR	6	<0.25	<0.25	<0.25	<0.25	0.40J	0.78	<0.10
MW-OU2-07-A	5	<0.25	<0.25	<0.25	<0.25	0.57	0.26J	<0.10
MW-OU2-08-A	6	<b>16.4J+</b>	<b>4.4</b>	<0.25	<b>13</b>	<b>11.7</b>	<b>9.8</b>	<b>0.32</b>
MW-OU2-12-A	4	2.7	<b>0.73</b>	<0.25	2.7	1.0	<b>5.8</b>	<0.10

**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. First Quarter 2025 OU2 A-Aquifer**

Well ID	Station	11DCA	12DCA	ChI	cis12DCE	PCE	TCE	VC
<b>ACL:</b>		<b>5</b>	<b>0.5</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>0.1</b>
MW-OU2-25-A	5	<0.25	0.18J	<0.25	0.47J	0.28J	0.31J	<0.10
MW-OU2-27-A	3	0.20J	<0.25	<0.25	<0.25	2.8	<0.25	<0.10
MW-OU2-28-A	3	0.11J	<0.25	<0.25	<0.25	0.87	0.14J	<0.10
MW-OU2-30-A	3	<0.25	<0.25	<0.25	<0.25	<0.25	0	<0.10
MW-OU2-40-A	3	0.37J	<0.25	<0.25	1.9	0.39J	<b>9.2</b>	<0.10
MW-OU2-44-A	6	1.4	0.24J	<0.25	0.73	1.6	2.4	<0.10
MW-OU2-45-A	3	<0.25	<0.25	<0.25	<0.25	0.64	0.23J	<0.10
MW-OU2-46-A	6	1.2	<0.25	<0.25	<0.25	<b>3.5</b>	0.66	<0.10
MW-OU2-57-A	3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10
MW-OU2-73-A	6	1.6	0.20J	<0.25	2.4	1.7	0.37	<b>1.0</b>
MW-OU2-74-A	5	<0.25	<b>0.51</b>	<0.25	0.46J	0.57	0.29J	<0.10
MW-OU2-75-A	3	<b>5.7</b>	0.14J	<0.25	0.31J	<b>6.6</b>	<b>5.1</b>	<0.10
MW-OU2-76-A	6	0.65	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10
MW-OU2-79-A	6	<0.25	<0.25	<0.25	0.28J	0.22J	1.2	<0.10
MW-OU2-80-A	5	0.25J	<0.25	<0.25	<0.25	2.0	0.25J	<0.10
MW-OU2-81-A	3	0.37J	<b>2.3</b>	<0.25	1.1	2.7	3.3	<0.10
MW-OU2-83-A	6	<b>7.9</b>	<b>0.56</b>	<0.25	4.3J	2.7	2.5	<b>0.14</b>

**Notes:**

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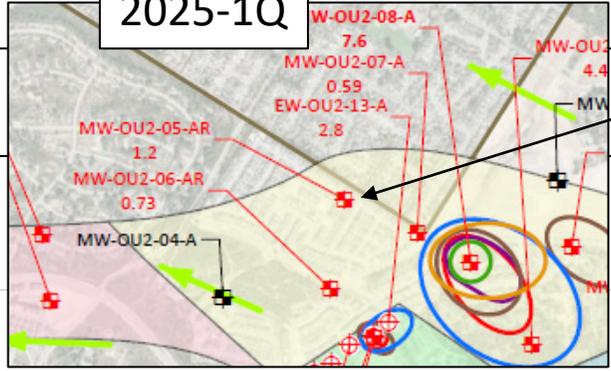
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- PCE: tetrachloroethene
- TCE: trichloroethene
- VC: vinyl chloride

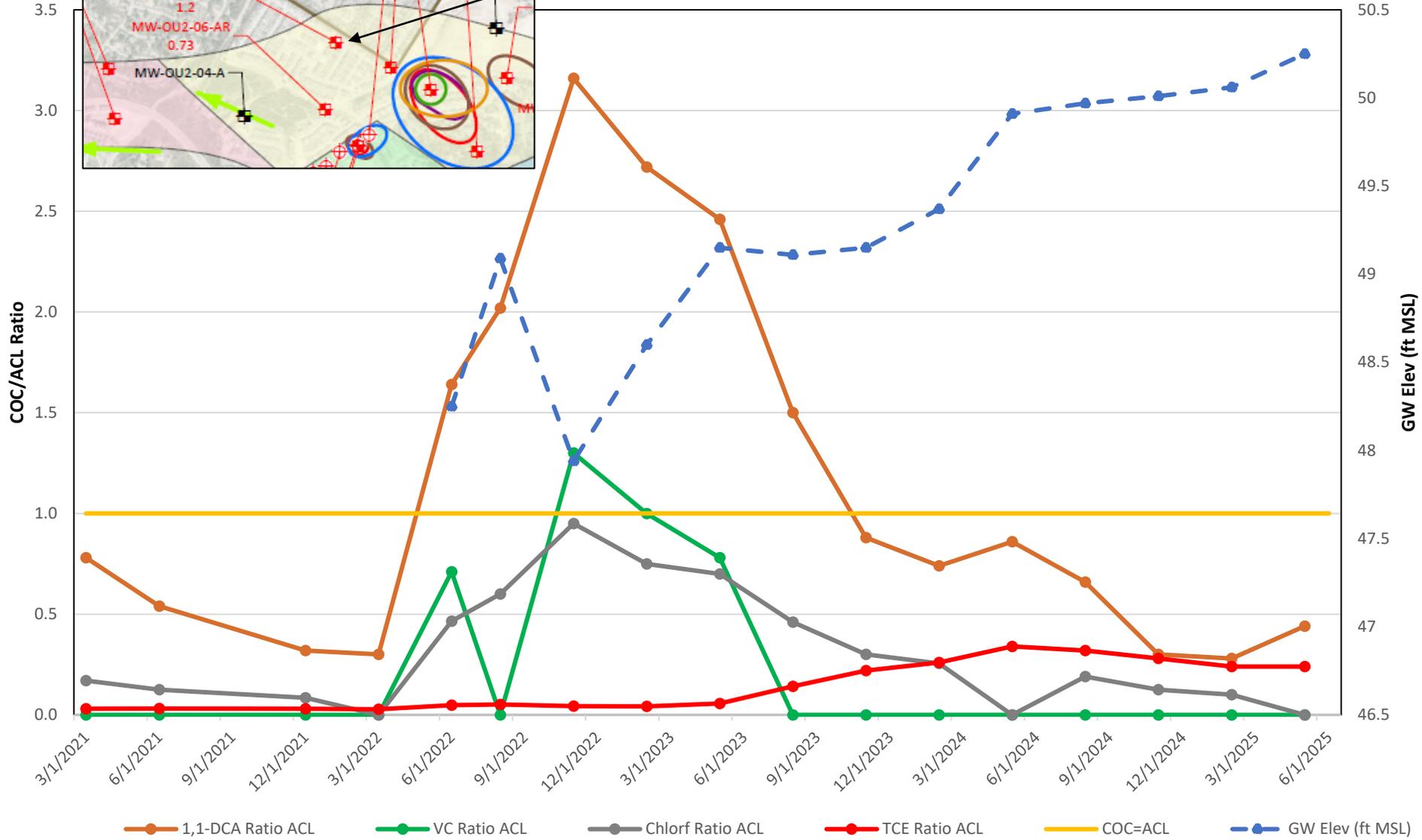
  Increase in concentration compared to previous quarter

2025-1Q

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



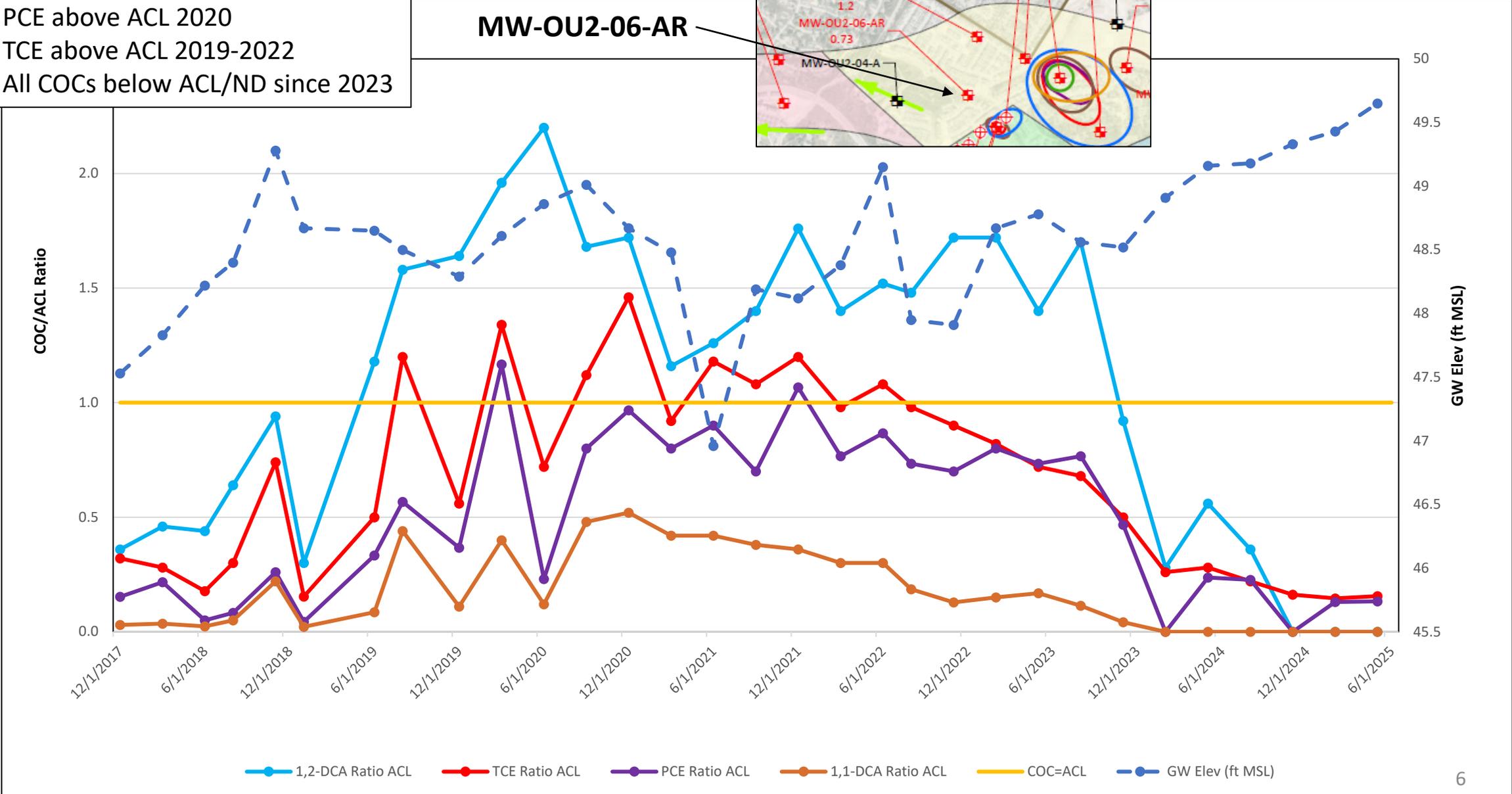
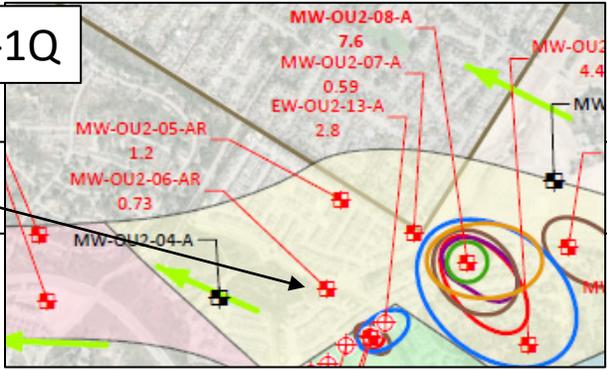
MW-OU2-05-AR



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

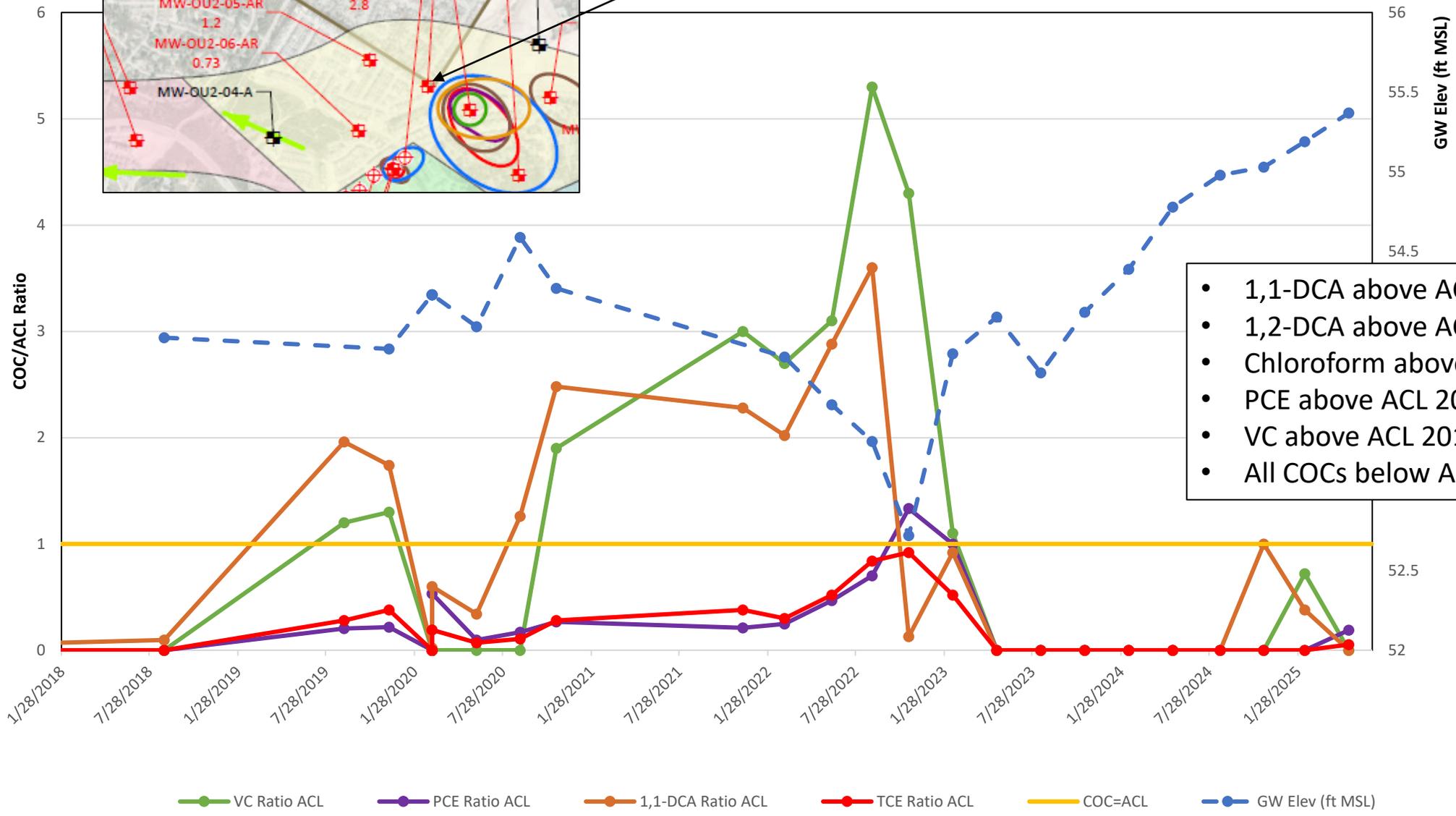
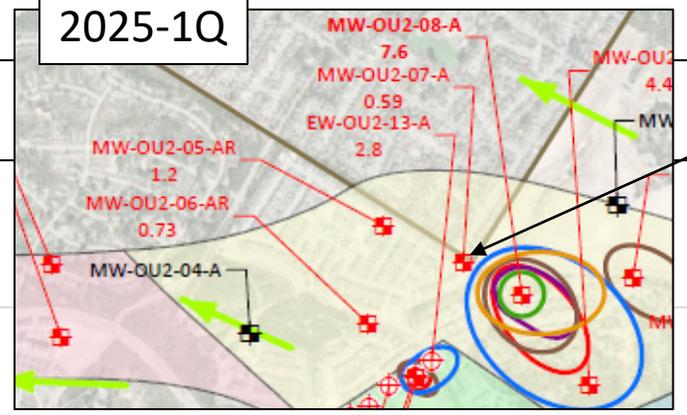
2025-1Q

MW-OU2-06-AR



2025-1Q

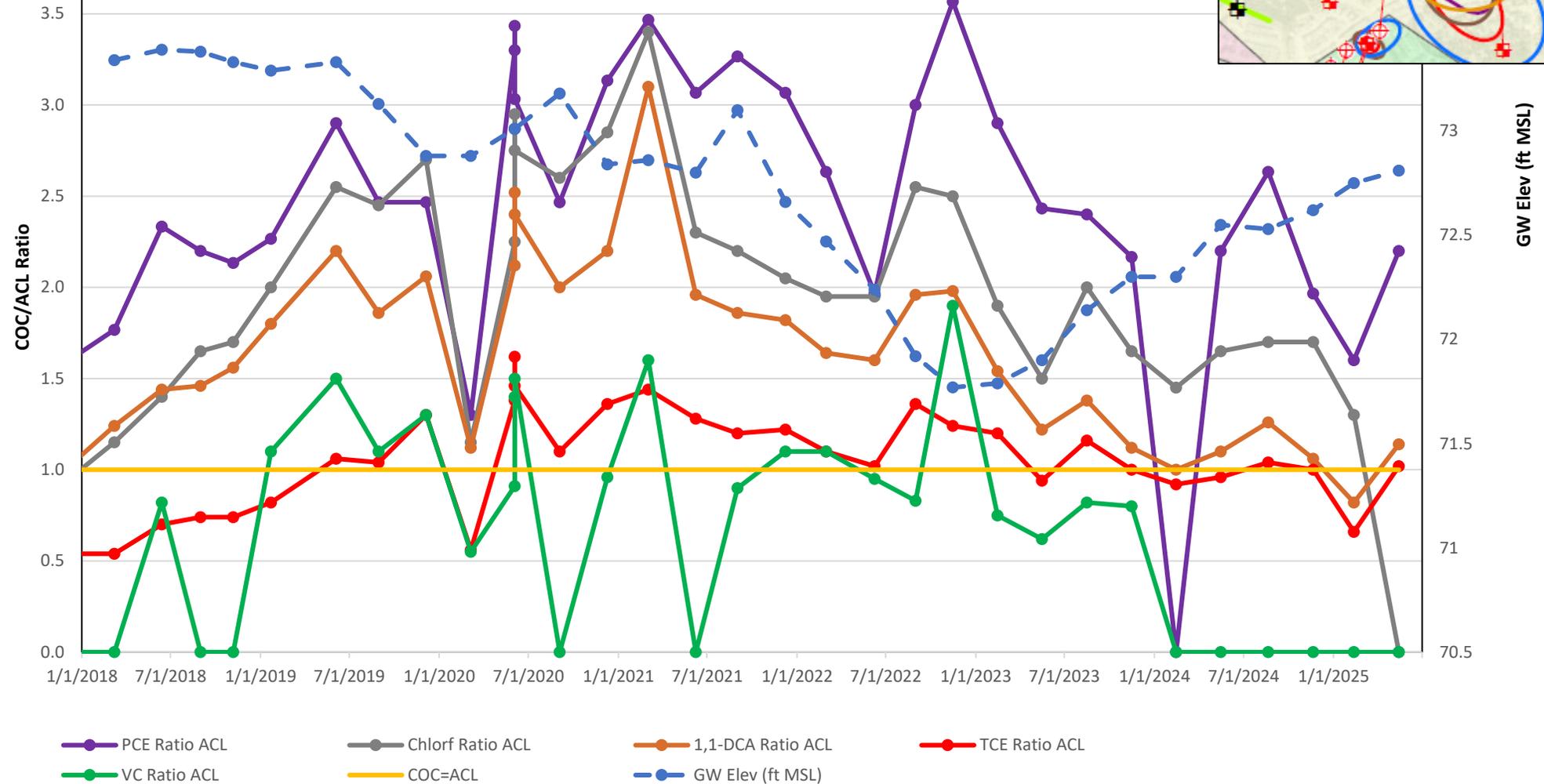
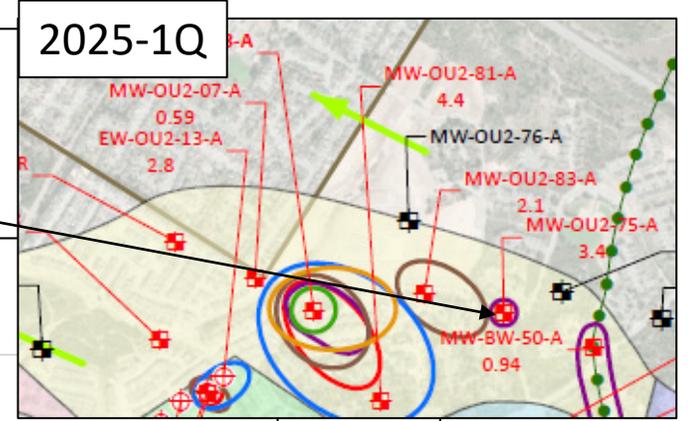
MW-OU2-07-A



- 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

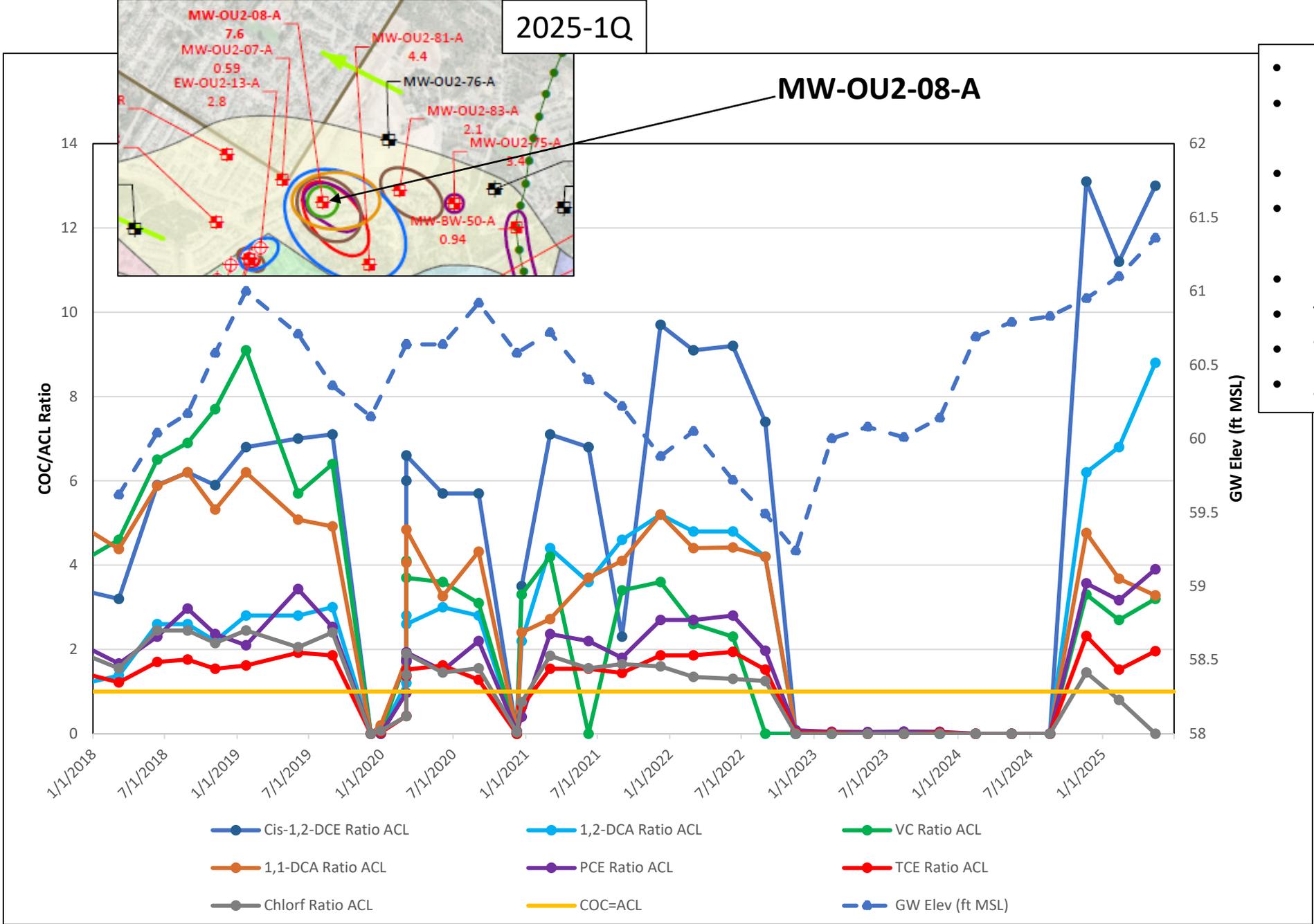
### MW-OU2-75-A



2025-1Q

MW-OU2-08-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



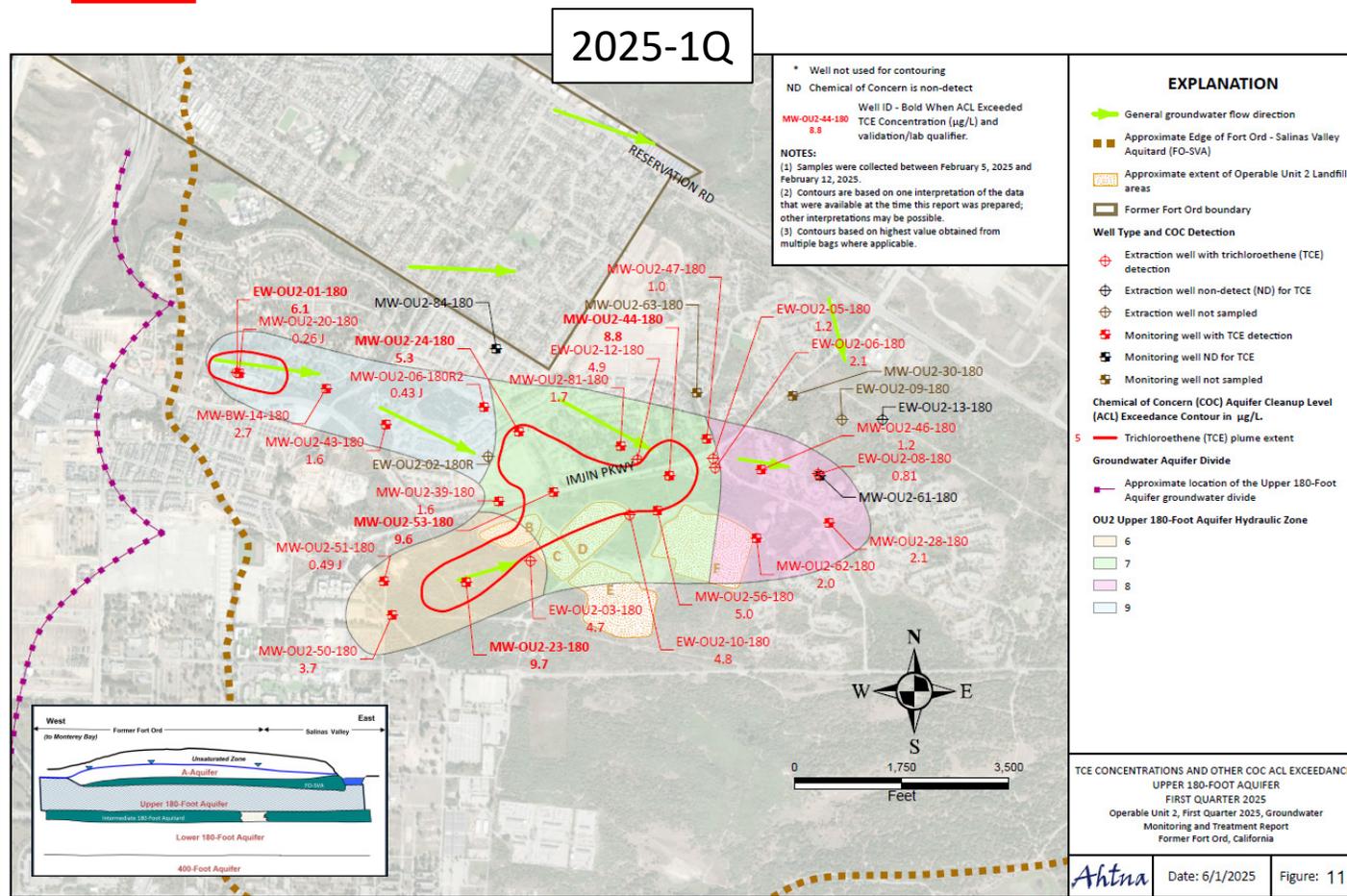
**Table 4. First Quarter 2025 OU2 Upper 180-Foot Aquifer TCE**

Well ID	Station	TCE
EW-OU2-01-180	2	8.1
EW-OU2-02-180R*	-	4.1
EW-OU2-03-180	-	6.0
EW-OU2-05-180	-	1.4
EW-OU2-06-180	-	2.5
EW-OU2-08-180	-	1.1
EW-OU2-10-180	-	6.0
EW-OU2-12-180	-	5.9
EW-OU2-13-180	-	0.13
MW-BW-14-180	1	3.2
MW-OU2-06-180R2	3	0.51
MW-OU2-20-180	1	0.35
MW-OU2-23-180	4	9.9
MW-OU2-24-180	5	5.9
MW-OU2-28-180	3	2.5
MW-OU2-28-A	3	0.14
MW-OU2-39-180	4	1.2
MW-OU2-43-180	3	1.9
MW-OU2-44-180	2	9.3
MW-OU2-46-180	5	0.84
MW-OU2-47-180	2	1.2
MW-OU2-50-180	2	4.8
MW-OU2-51-180	3	0.45
MW-OU2-53-180	5	10.6
MW-OU2-56-180	2	6.2
MW-OU2-61-180	3	<0.25
MW-OU2-62-180	3	1.9
MW-OU2-81-180	4	1.4
MW-OU2-84-180	1	<0.25

**Notes:**

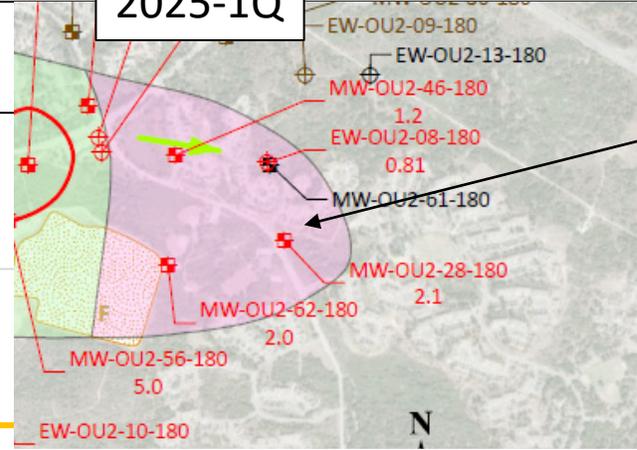
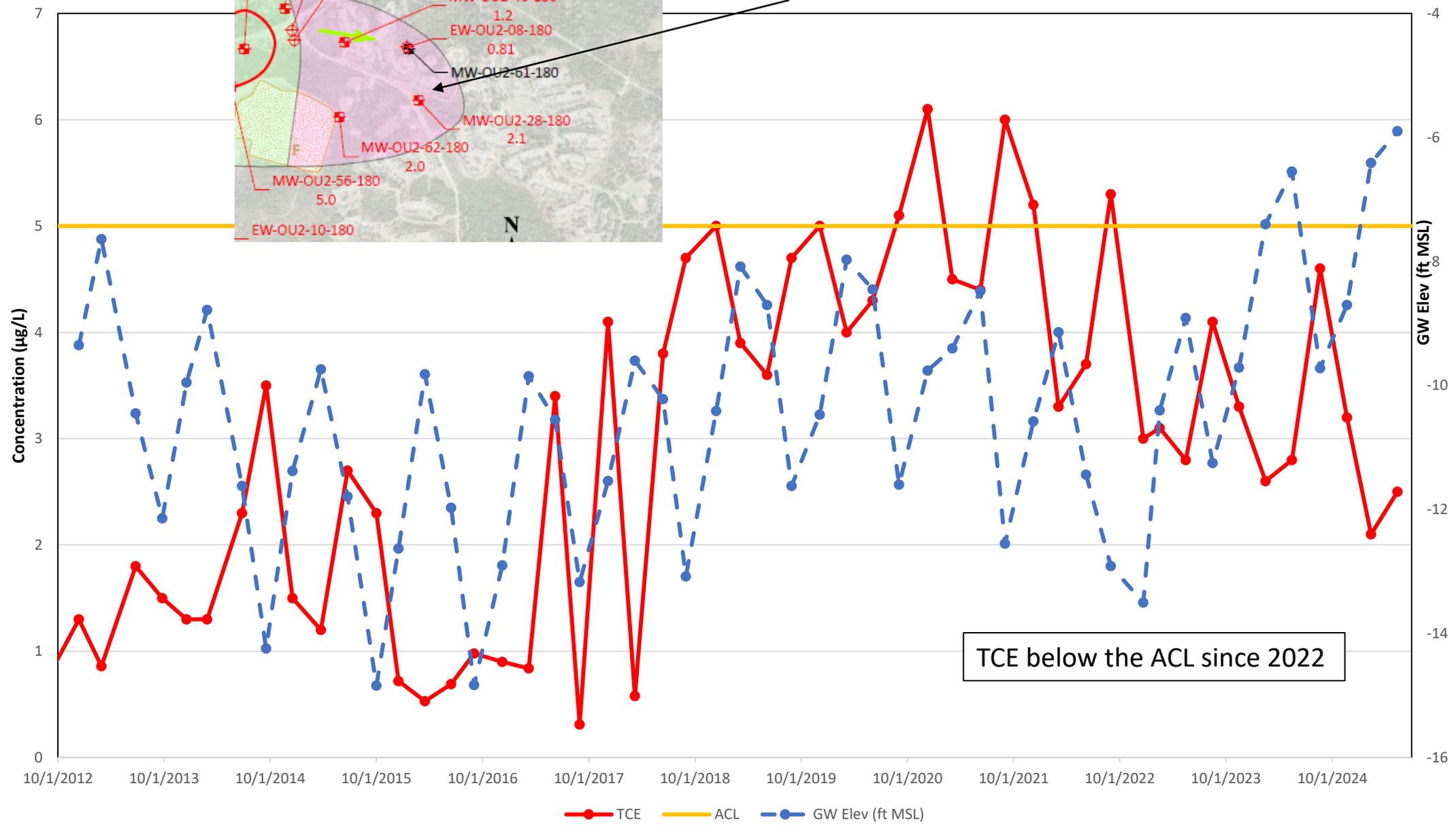
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- TCE: trichloroethene

  Increase in concentration compared to previous quarter

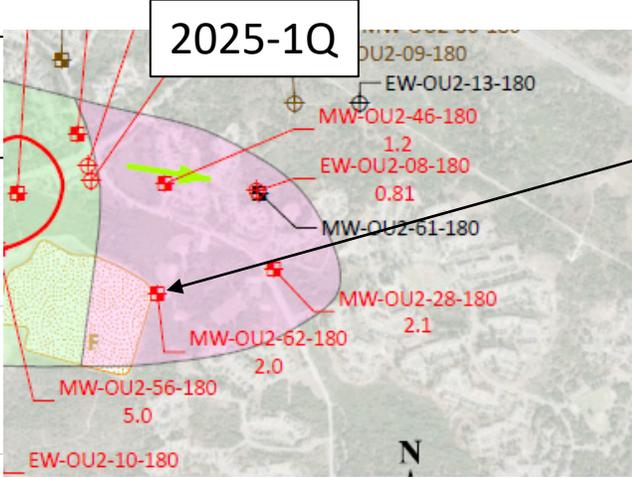


2025-1Q

MW-OU2-28-180



TCE below the ACL since 2022



**MW-OU2-62-180**

TCE below the ACL since 2021

