

## Remedial Summary

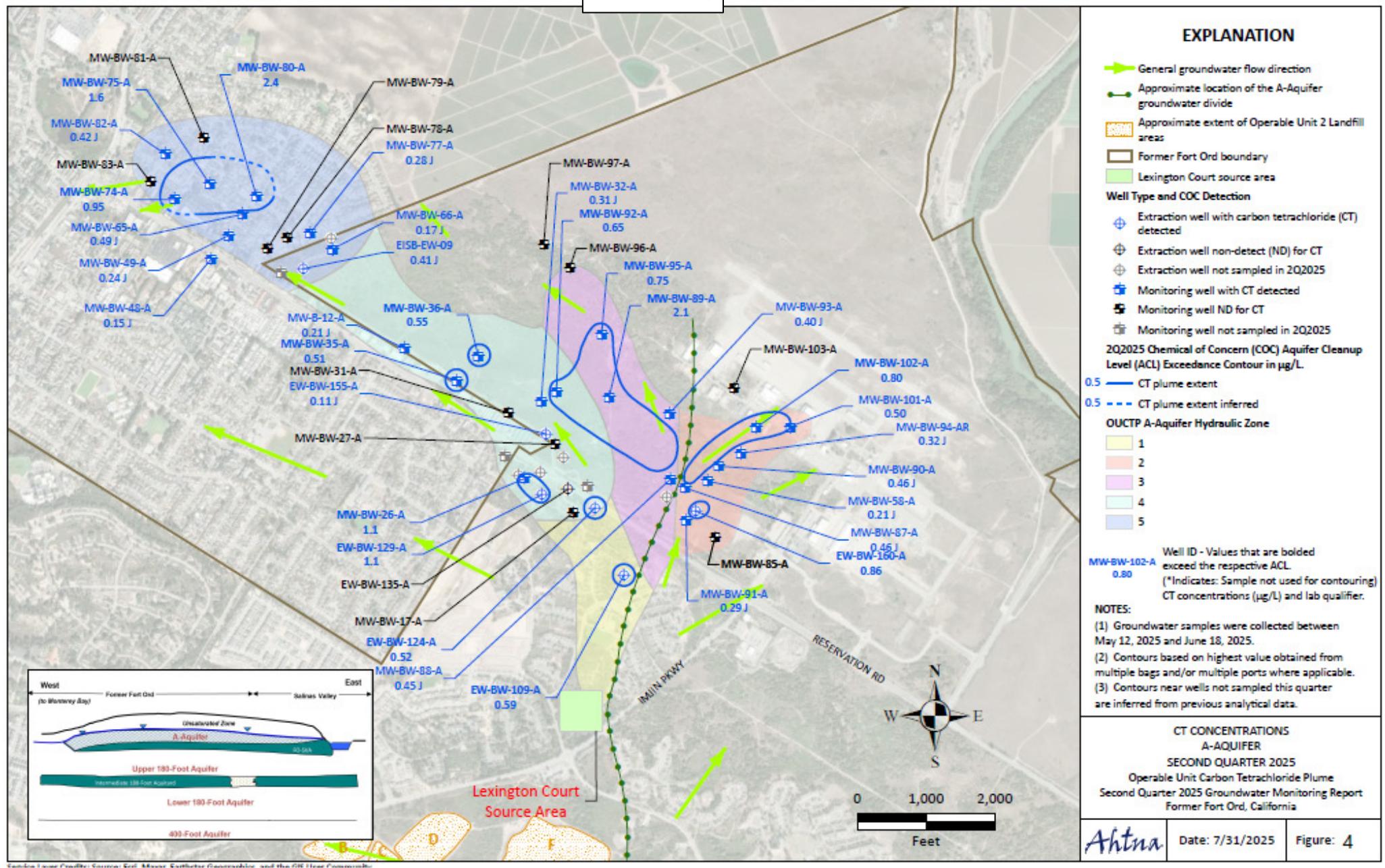
- **A-Aquifer:**
  - **8 COCs:** 1,1-DCE; Total 1,2-DCE; CT; chloroform; methylene chloride; PCE; TCE; and VC.
  - **Remediation:** EISB.
- **Upper 180-Foot Aquifer:**
  - **1 COC:** CT
  - **Remediation:** Pump and treat with GAC at OU2 GWTP since 2011. Operation split the single plume in half. However, CT never detected above the ACL at EW-OU2-09-180.
- **Lower 180-Foot Aquifer:**
  - **2 COCs:** 1,2-DCA and CT. TCE monitored also.
  - **Remediation:** MNA with supply wellhead treatment contingency.
- **Monitoring:** Quarterly groundwater monitoring and reporting, including annual 3Q monitoring and reports. Described in the most recent Groundwater QAPP.

## Recent Key Events

- July 23: Bunker Hill Network back online after leak detector system repairs completed.
- Aug 12-14: EW-OU2-13-180 offline for repair of broken fitting in the vault.
- Aug 18-22: Third Quarter 2025 GWMP.
- Aug 26: Regional power outage caused VFD failure at EW-OU2-13-180.
- Sep 4: EW-OU2-13-180 VFD replaced.

## Future Key Events

- Install three monitoring wells in the A-Aquifer Hydraulic Zone 5.



**Table 1. Third Quarter 2025 OUCTP A-Aquifer CT\***

Well ID	Station	Sampled	CT
EISB-EW-01	4	8/18/2025	<0.25
EISB-EW-09	5	8/18/2025	0.49J
EW-BW-109-A	5	8/19/2025	<0.25
EW-BW-124-A	6	8/20/2025	0.28J
EW-BW-129-A	analysis pending		
EW-BW-135-A	6	8/20/2025	<0.25
EW-BW-140-A	4	8/20/2025	<0.25
EW-BW-144-A	3	8/20/2025	<0.25
EW-BW-149-A	4	8/18/2025	<0.25
EW-BW-155-A	4	8/18/2025	0.10J
EW-BW-160-A	6	8/19/2025	<b>1.2</b>
EW-BW-165-A	4	8/19/2025	<0.25
MW-40-01-A	4	8/18/2025	<0.25
MW-B-12-A	4	8/18/2025	0.20J
MW-B-14-A	4	8/18/2025	0.21J
MW-BW-101-A	6	8/19/2025	<b>0.64</b>
MW-BW-102-A	3	8/19/2025	0.47J
MW-BW-103-A	6	8/19/2025	<0.25
MW-BW-17-A	6	8/20/2025	<0.25
MW-BW-26-A	6	8/20/2025	<b>0.63</b>
MW-BW-27-A	4	8/19/2025	<0.25
MW-BW-28-A	5	8/18/2025	0.13J

Well ID	Station	Sampled	CT
MW-BW-30-A	analysis pending		
MW-BW-31-A	6	8/18/2025	<0.25
MW-BW-32-A	5	8/18/2025	0.29J
MW-BW-36-A	5	8/18/2025	0.39J
MW-BW-44-A	3	8/18/2025	<0.25
MW-BW-48-A	analysis pending		
MW-BW-49-A	analysis pending		
MW-BW-58-A	6	8/19/2025	0.14J
MW-BW-65-A	1	8/21/2025	<0.25
MW-BW-65-A	4	8/21/2025	0.29J
MW-BW-66-A	3	8/18/2025	0.12J
MW-BW-74-A	1	8/21/2025	0.12J
MW-BW-74-A	4	8/21/2025	0.44J
MW-BW-75-A	1	8/21/2025	<0.25
MW-BW-75-A	4	8/21/2025	<b>0.56</b>
MW-BW-77-A	2	8/21/2025	0.20J
MW-BW-77-A	4	8/21/2025	0.19J
MW-BW-78-A	2	8/21/2025	<0.25
MW-BW-78-A	6	8/21/2025	<0.25
MW-BW-79-A	2	8/21/2025	<0.25
MW-BW-79-A	6	8/21/2025	<0.25

Well ID	Station	Sampled	CT
MW-BW-80-A	1	8/21/2025	0.14J
MW-BW-80-A	2	8/21/2025	0.41J
MW-BW-81-A	5	8/21/2025	<0.25
MW-BW-82-A	1	8/21/2025	<0.25
MW-BW-82-A	4	8/21/2025	<0.25
MW-BW-83-A	1	8/21/2025	<0.25
MW-BW-83-A	6	8/21/2025	<0.25
MW-BW-85-A	5	8/19/2025	0.30J
MW-BW-87-A	5	8/19/2025	0.38J
MW-BW-88-A	6	8/19/2025	0.31J
MW-BW-89-A	6	8/19/2025	<b>1.3</b>
MW-BW-90-A	5	8/19/2025	0.47J
MW-BW-91-A	6	8/19/2025	0.31J
MW-BW-92-A	6	8/18/2025	0.49J
MW-BW-93-A	3	8/19/2025	<b>0.52</b>
MW-BW-94-AR	4	8/19/2025	0.21J
MW-BW-95-A	6	8/19/2025	<b>0.70</b>
MW-BW-96-A	6	8/19/2025	<0.25
MW-BW-97-A	5	8/19/2025	<0.25

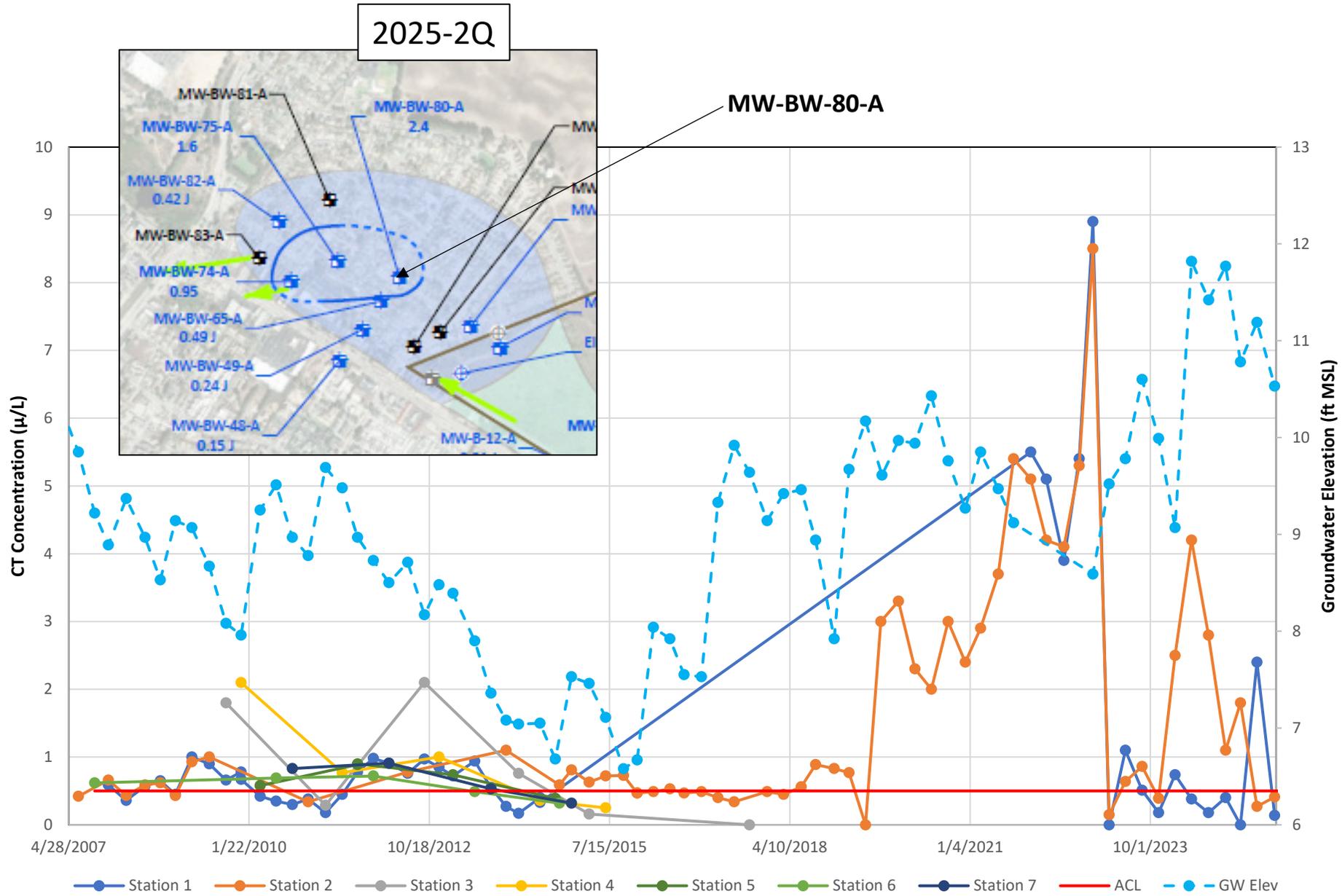
**Notes:**

- \*Preliminary data
- Results in micrograms per liter by EPA Method 8260-SIM
- CT: carbon tetrachloride
- DUP: duplicate sample
- GWM: primary groundwater monitoring sample
- J: estimated detection below the limit of quantitation and above the limit of detection
- ND: not detected above the limit of detection shown in the parenthesis
- Qual: qualifier



Increase in concentration compared to previous quarter





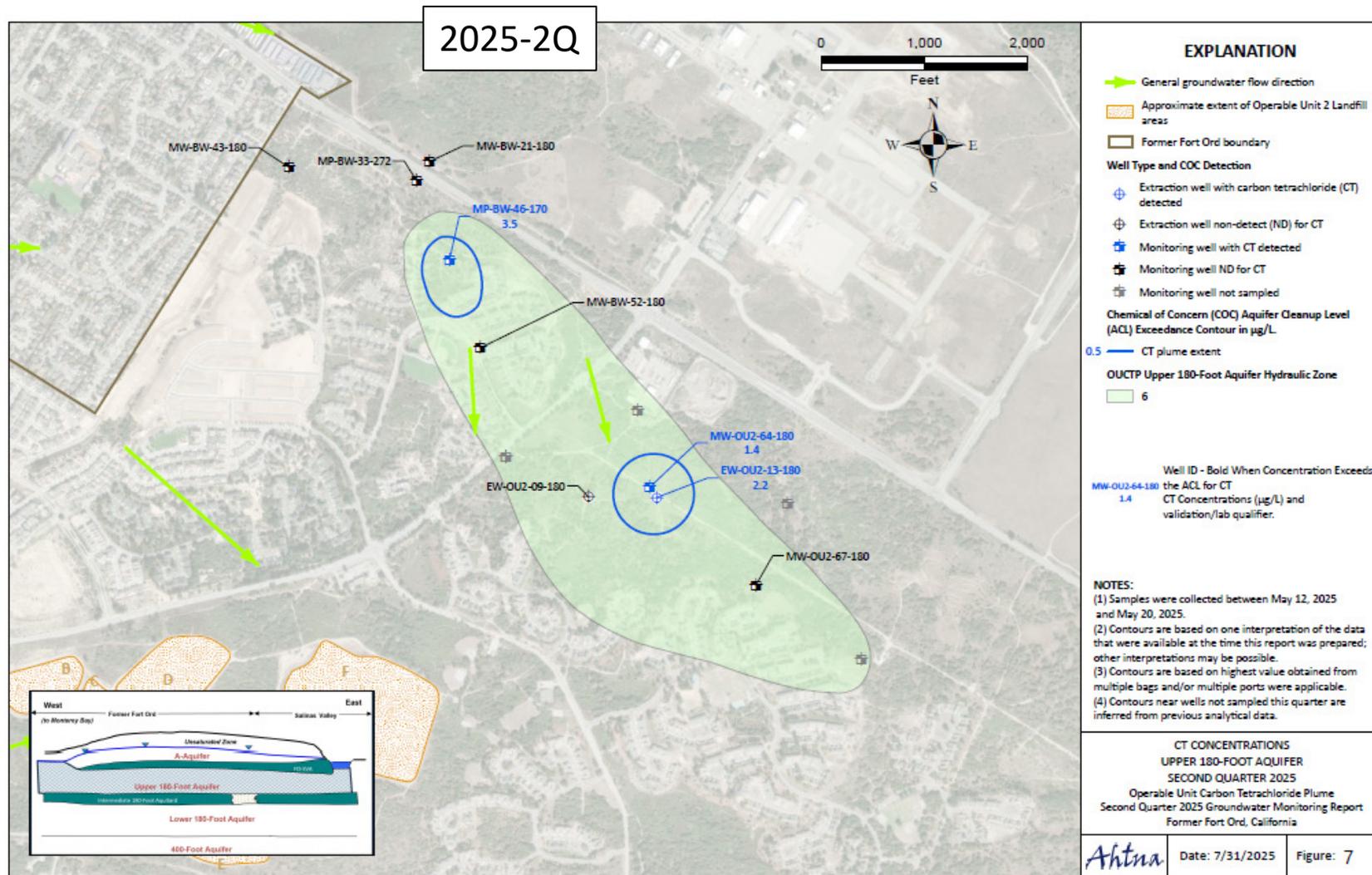
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**Table 2. Third Quarter 2025 OUCTP Upper 180-Foot Aquifer CT\***

Well ID	Station	Sampled	CT
EW-OU2-09-180	4	8/20/2025	<0.25
EW-OU2-13-180	analysis pending		
MP-BW-33-272	-	8/19/2025	<0.25
MP-BW-46-170	-	8/19/2025	<b>2.0</b>
MW-BW-21-180	5	8/18/2025	<0.25
MW-BW-43-180	analysis pending		
MW-BW-52-180	4	8/20/2025	<0.25
MW-BW-57-180	analysis pending		
MW-BW-58-180	analysis pending		
MW-OU2-64-180	3	8/20/2025	<b>1.4</b>
MW-OU2-67-180	3	8/20/2025	<0.25
MW-OU2-70-180	3	8/20/2025	<0.25

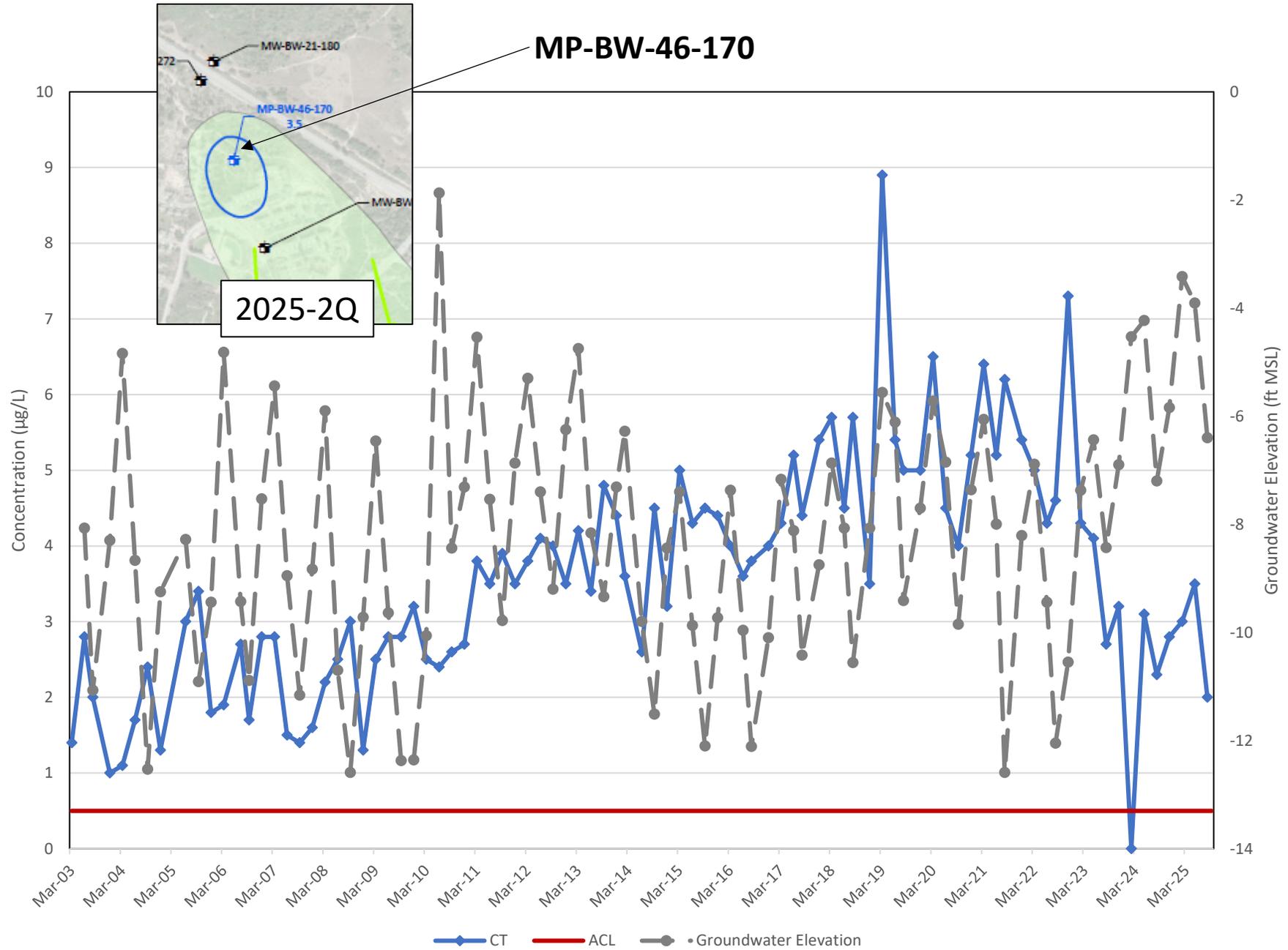
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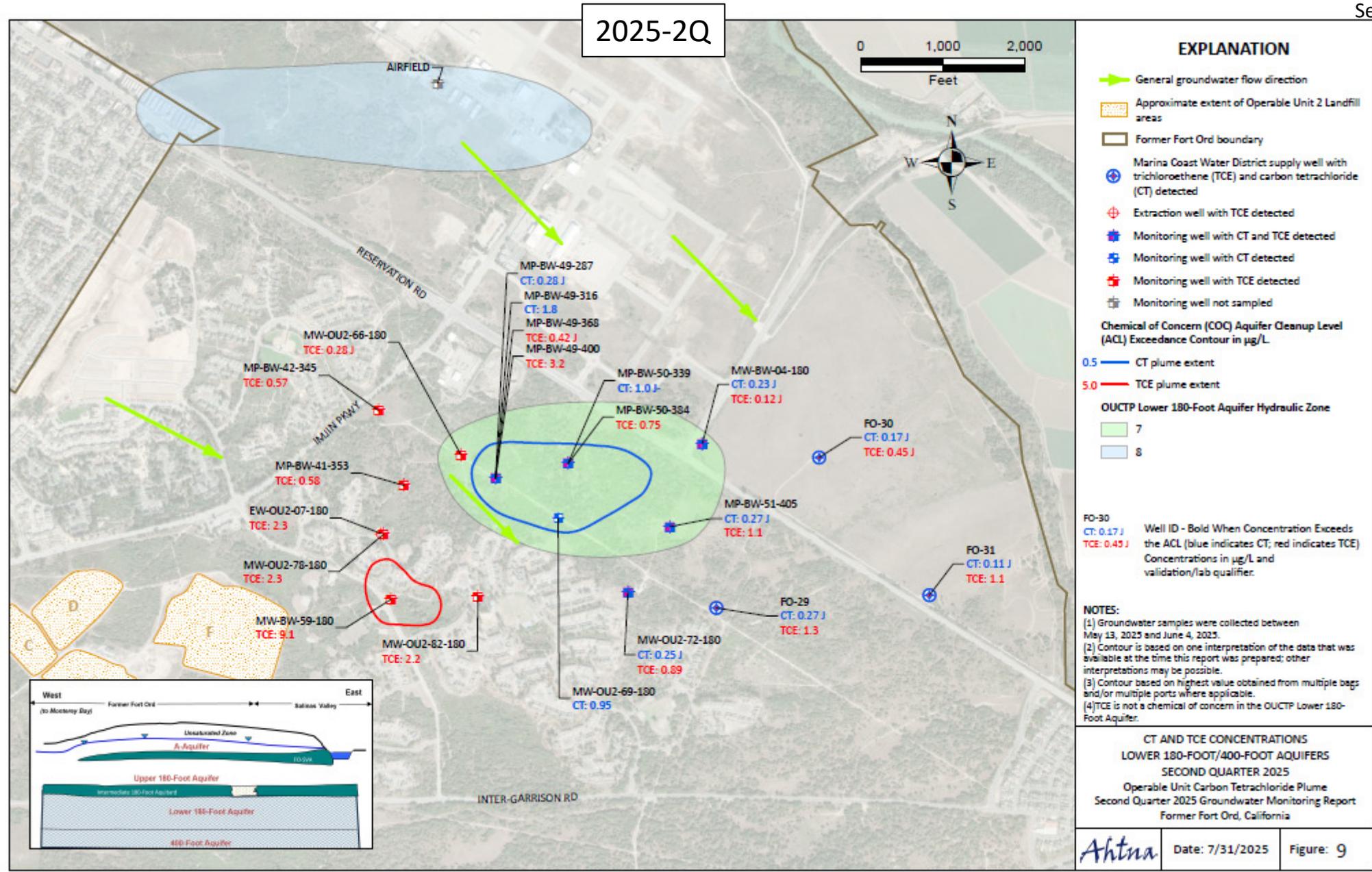
- \*Preliminary data
- Results in micrograms per liter by EPA Method 8260-SIM
- CT: carbon tetrachloride
- DUP: duplicate sample
- EW: extraction well sample
- GWM: primary groundwater monitoring sample
- J: estimated detection below the limit of quantitation and above the limit of detection
- ND: not detected above the limit of detection shown in the parenthesis
- Qual: qualifier
- UJ: The analyte was not detected and was reported as less than the LOD. However, the associated numerical value is approximate.



Increase in concentration compared to previous quarter







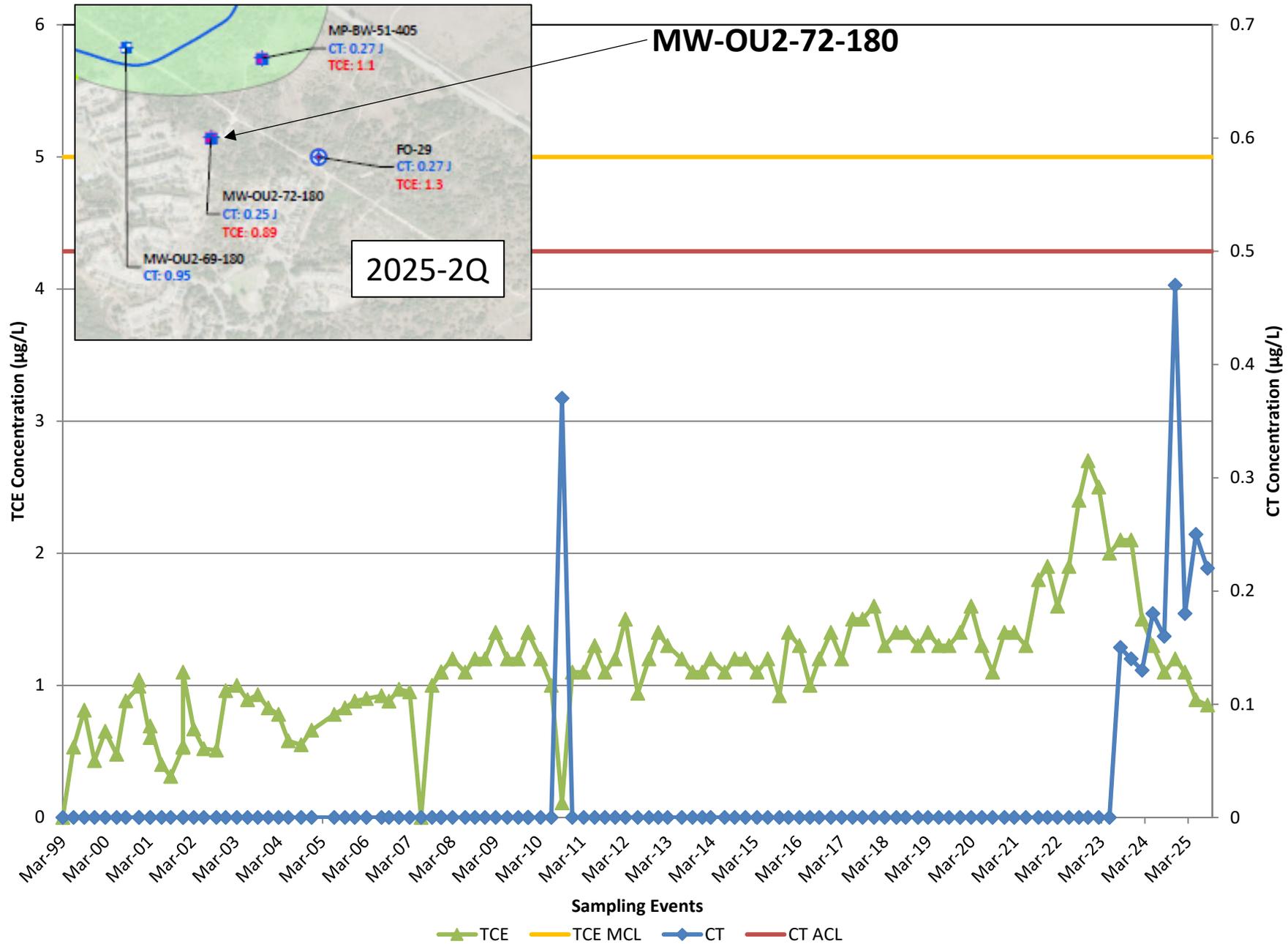
**Table 3. Third Quarter 2025 OUCTP Lower 180-Foot Aquifer\***

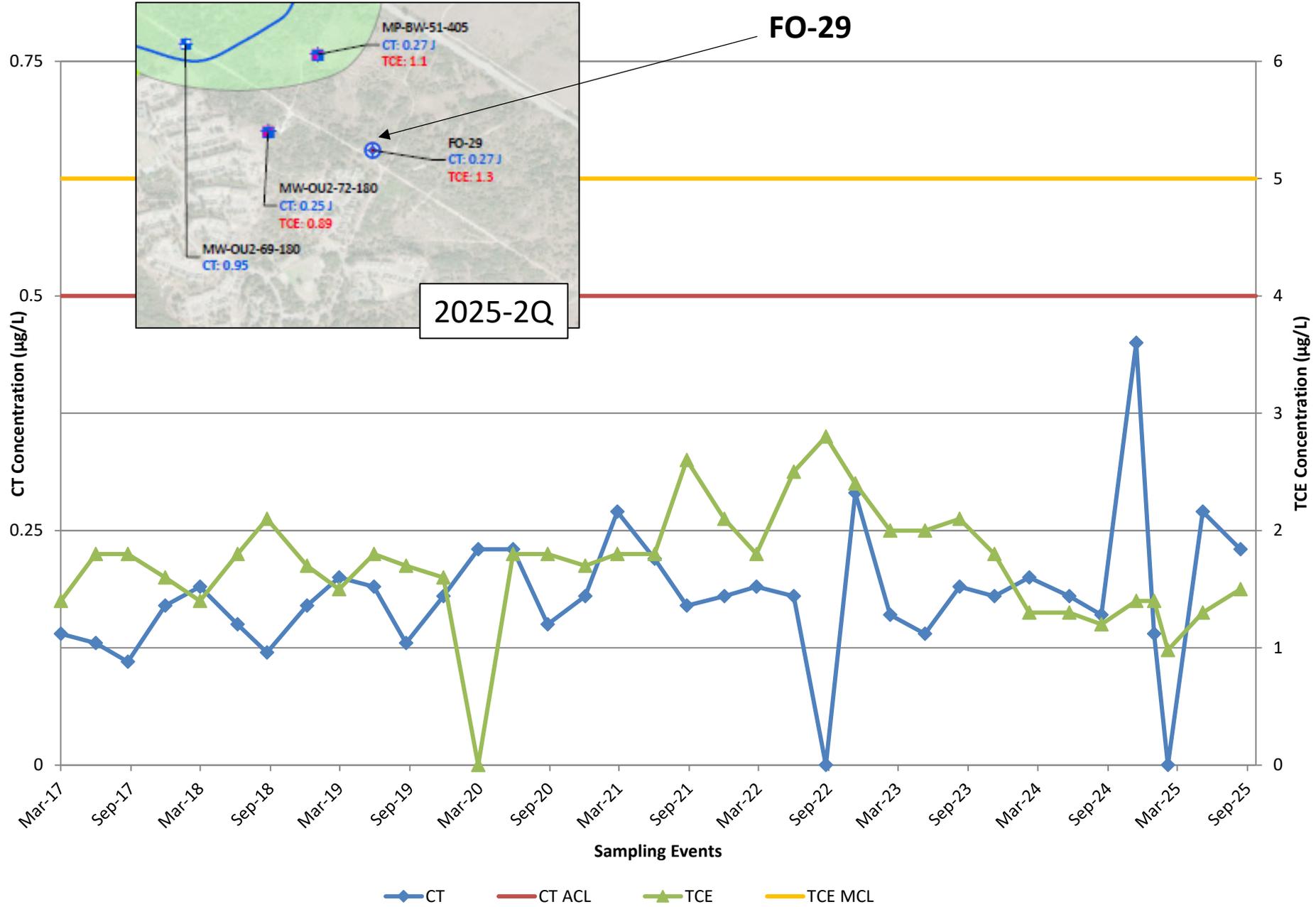
Well ID	Station	Sampled	CT	1,2-DCA	TCE
EW-OU2-07-180	2	8/19/2025	<0.25	<0.25	2.2
FO-29	-	8/21/2025	0.23J	<0.25	1.5
FO-30	-	8/21/2025	0.12J	<0.25	0.41J
FO-31	-	8/21/2025	0.13J	<0.25	1.2
MP-BW-41-318	-	8/20/2025	<0.25	<0.25	<0.25
MP-BW-41-353	-	8/20/2025	<0.25	<0.25	0.53
MP-BW-42-345	-	8/20/2025	<0.25	<0.25	0.79
MP-BW-49-287	-	8/20/2025	<0.25	<0.25	0.24J
MP-BW-49-316	-	8/20/2025	<b>1.3</b>	<0.25	<0.25
MP-BW-49-368	-	8/20/2025	<0.25	<0.25	0.38J
MP-BW-49-400	-	8/20/2025	<0.25	<0.25	3.4
MP-BW-50-339	-	8/20/2025	<b>0.81</b>	<0.25	<0.25
MP-BW-50-384	-	8/20/2025	<0.25	<0.25	1.1
MP-BW-51-405	-	8/20/2025	<0.25	<0.25	1.4
MW-BW-04-180	2	8/19/2025	<0.25	<0.25	<0.25
MW-BW-59-180	2	8/19/2025	<0.25	<0.25	<b>9.6</b>
MW-OU2-66-180	2	8/20/2025	<0.25	<0.25	0.24J
MW-OU2-69-180	5	8/20/2025	<b>0.90</b>	<0.25	<0.25
MW-OU2-72-180	3	8/20/2025	0.22J	<0.25	0.85
MW-OU2-78-180	1	8/19/2025	<0.25	<0.25	2.7
MW-OU2-82-180	4	8/19/2025	<0.25	<0.25	3.7

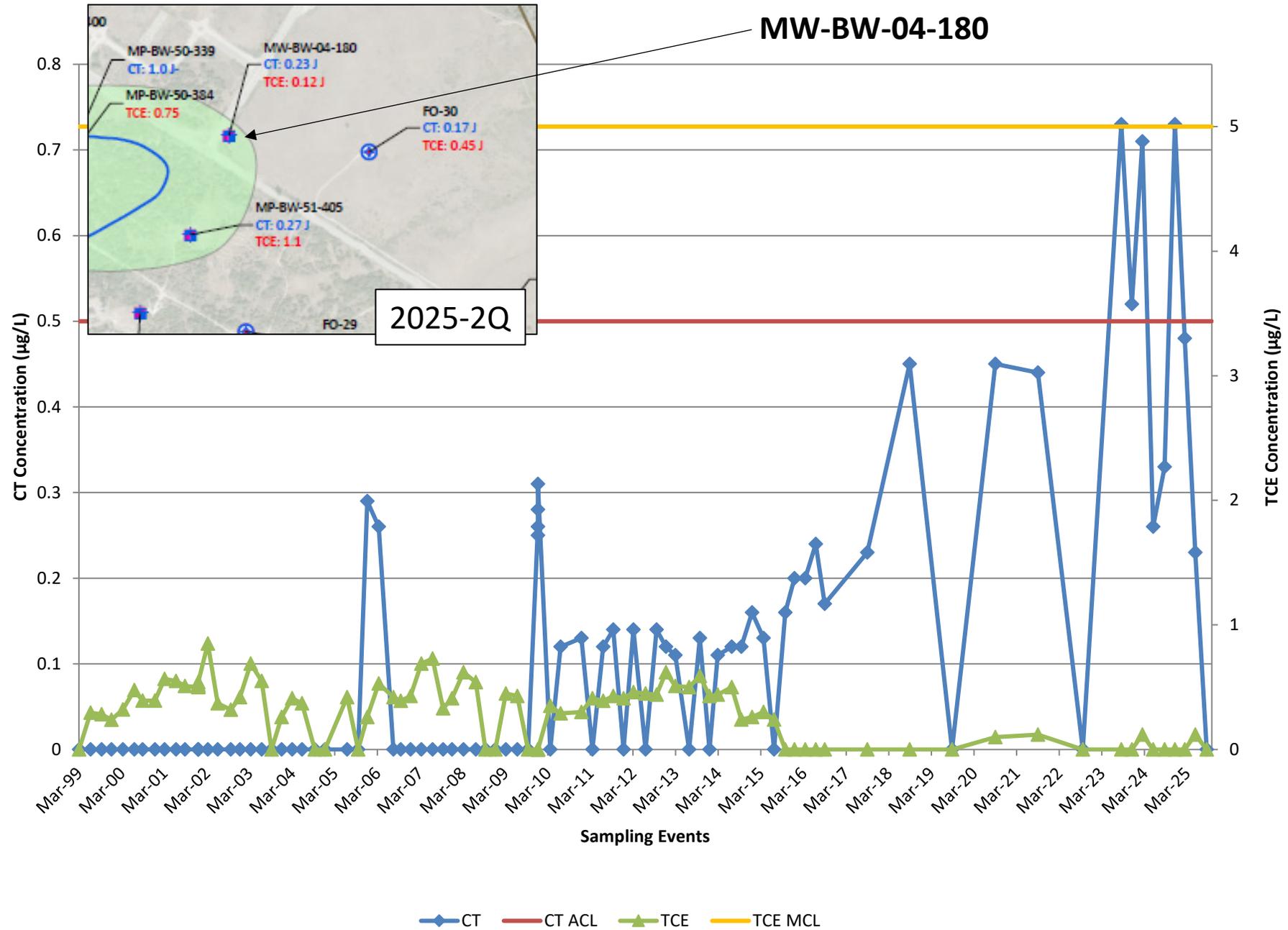
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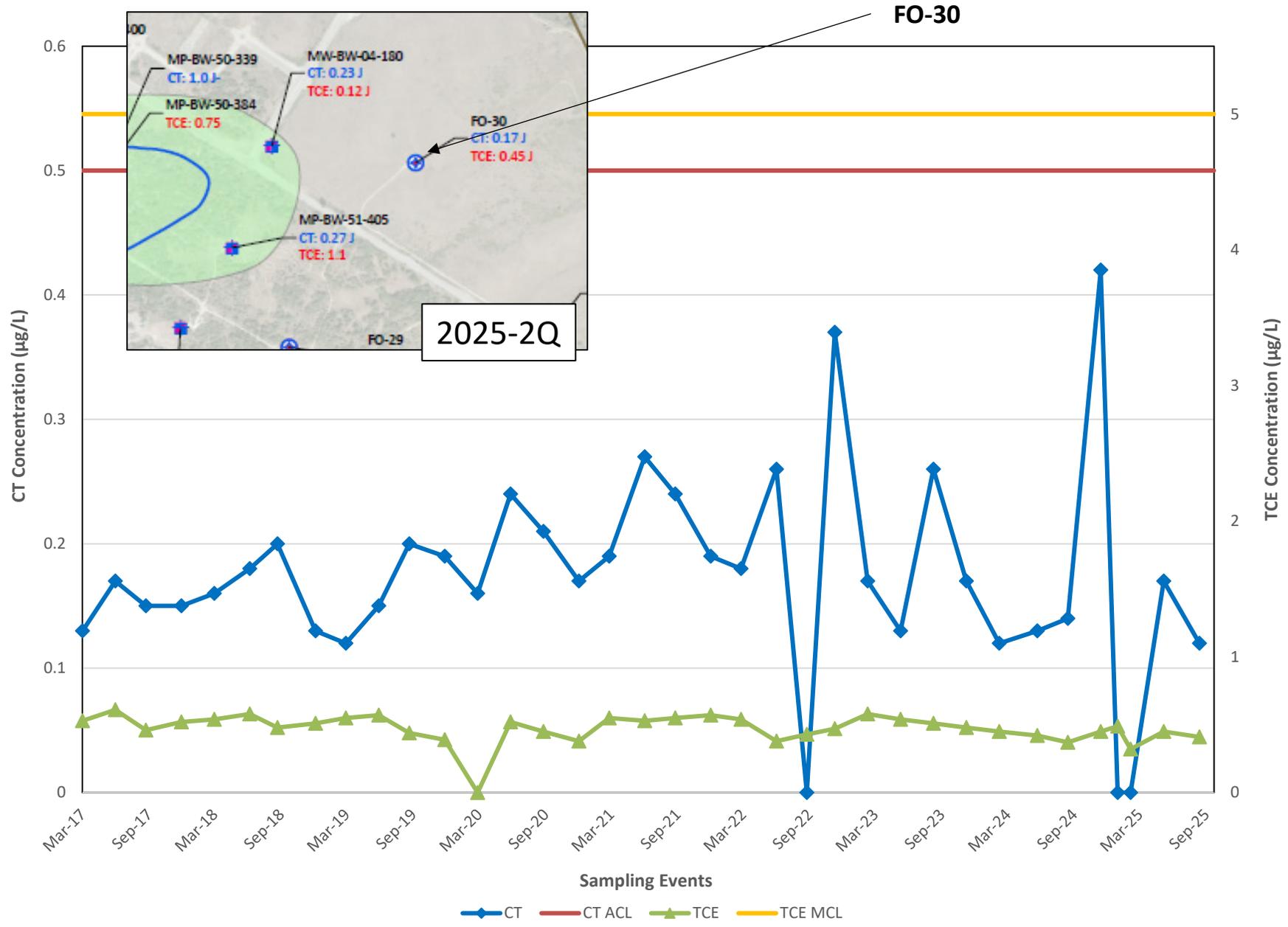
- \*Preliminary data
- Results in micrograms per liter by EPA Method 8260-SIM
- 1,2DCA: 1,2-dichloroethane
- CT: carbon tetrachloride
- DUP: duplicate sample
- GWM: primary groundwater monitoring sample
- J: estimated detection below the limit of quantitation and above the limit of detection
- ND: not detected above the limit of detection shown in the parenthesis
- Qual: qualifier
- TCE: trichloroethene

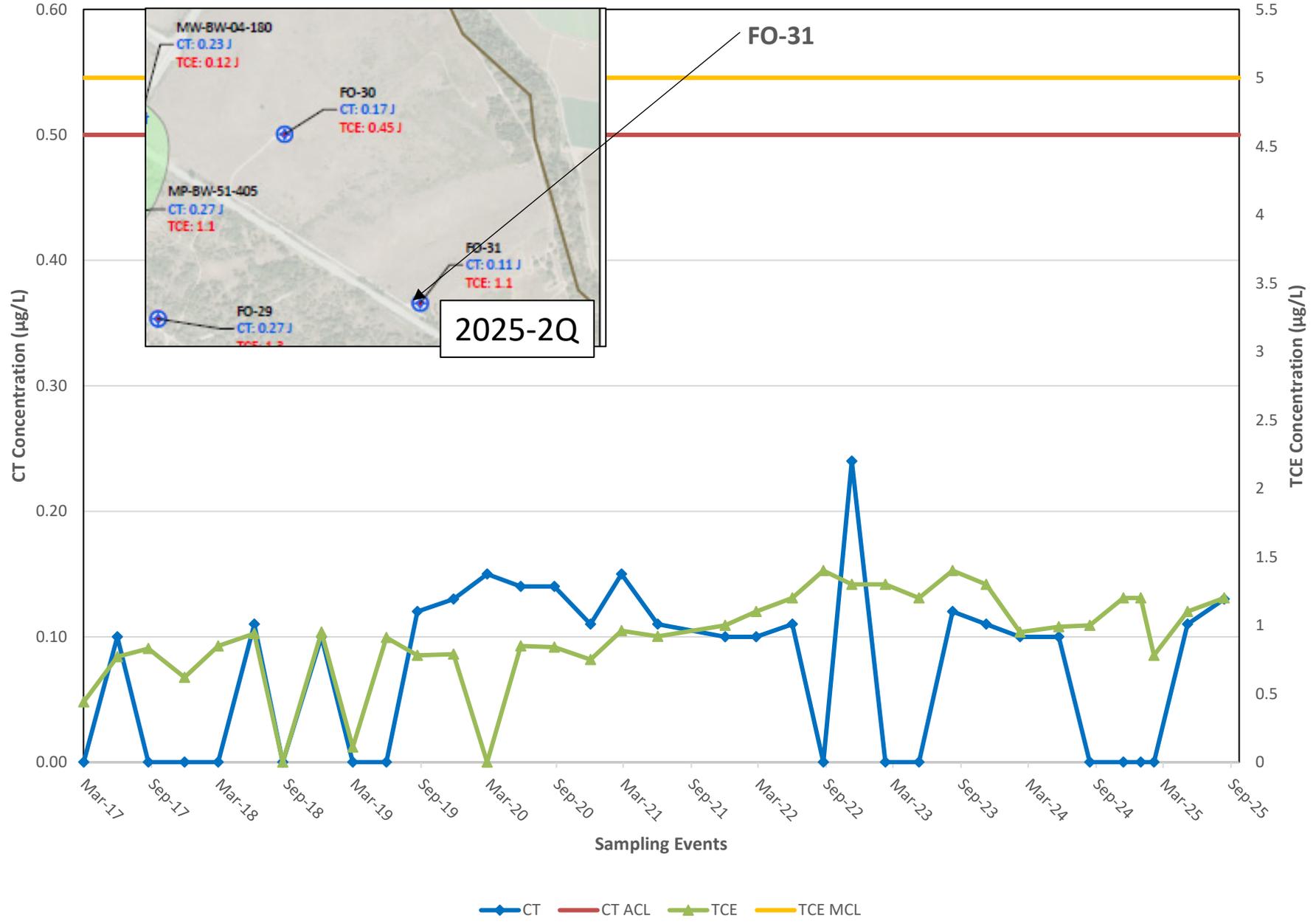
 Increase in concentration at or upgradient of supply well compared to previous quarter











### TCE in the Lower 180-Foot Aquifer

