

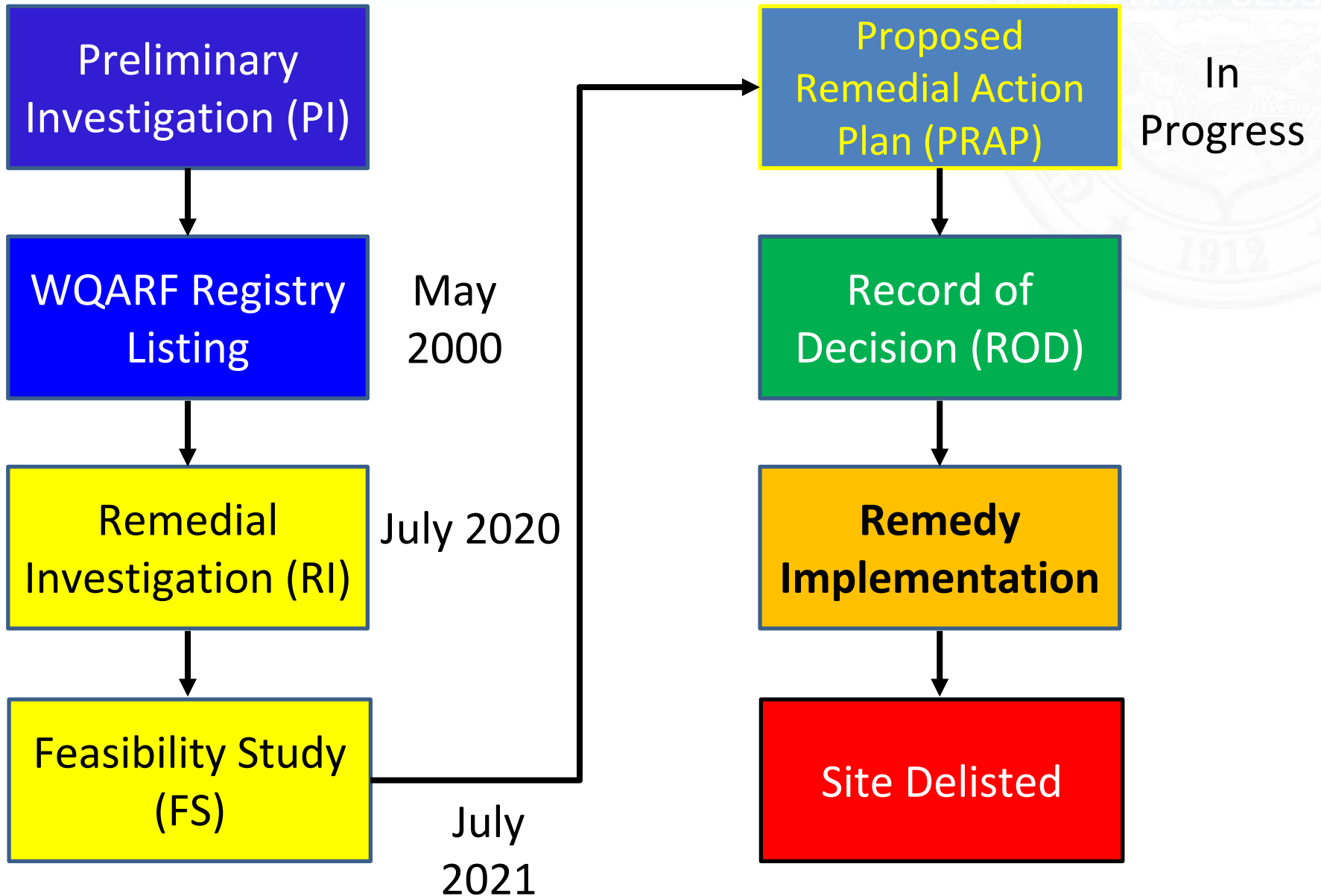
East Central Phoenix – 40th Street and Osborn Road Phoenix, AZ

Date: October 24, 2024

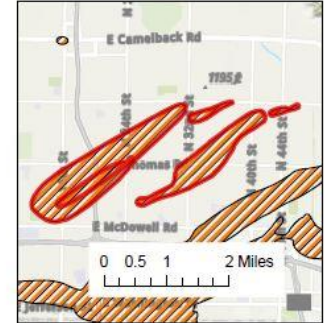
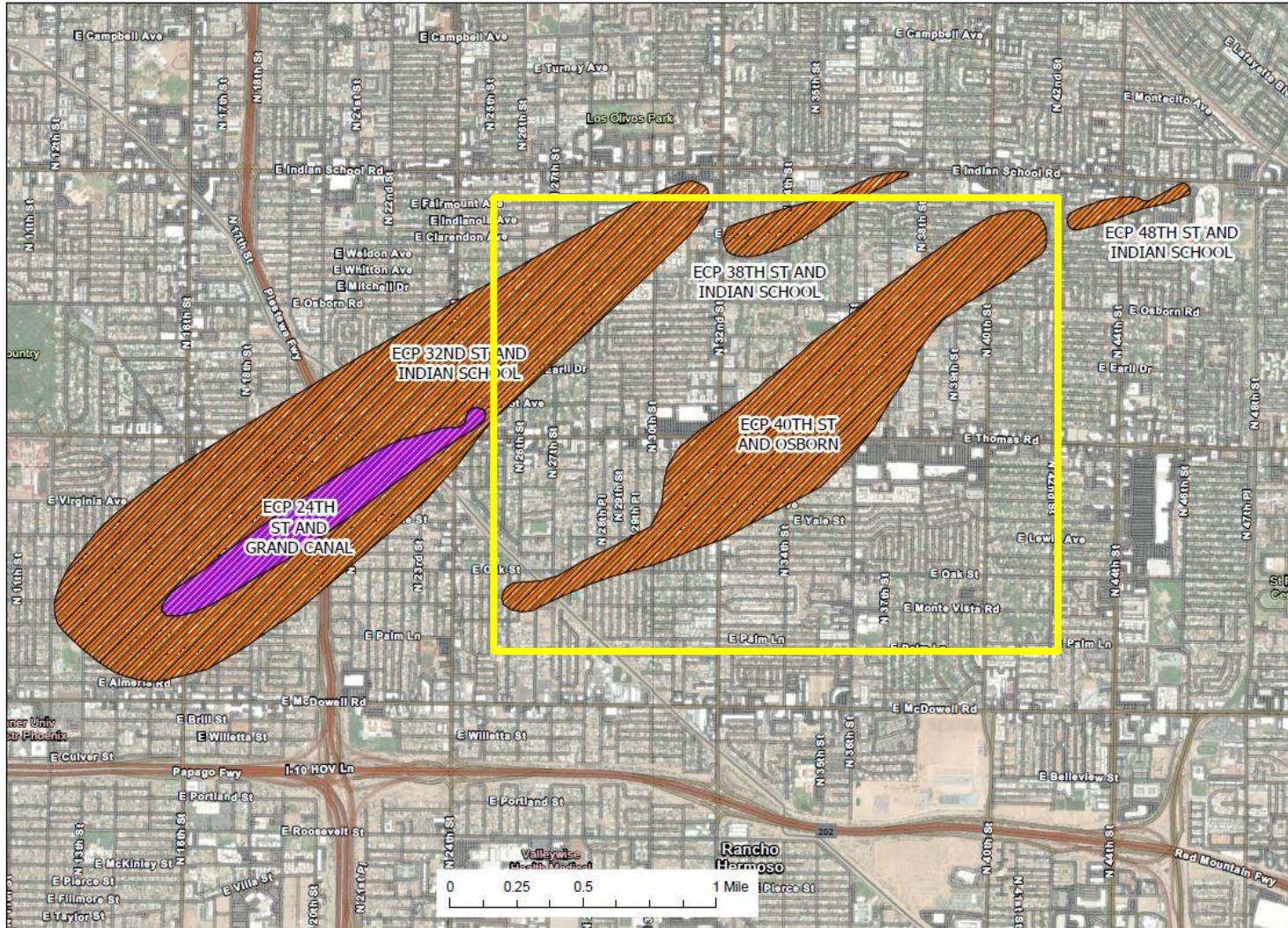
Project Manager: Adam Nagle



WQARF Process



East Central Phoenix WQARF Sites



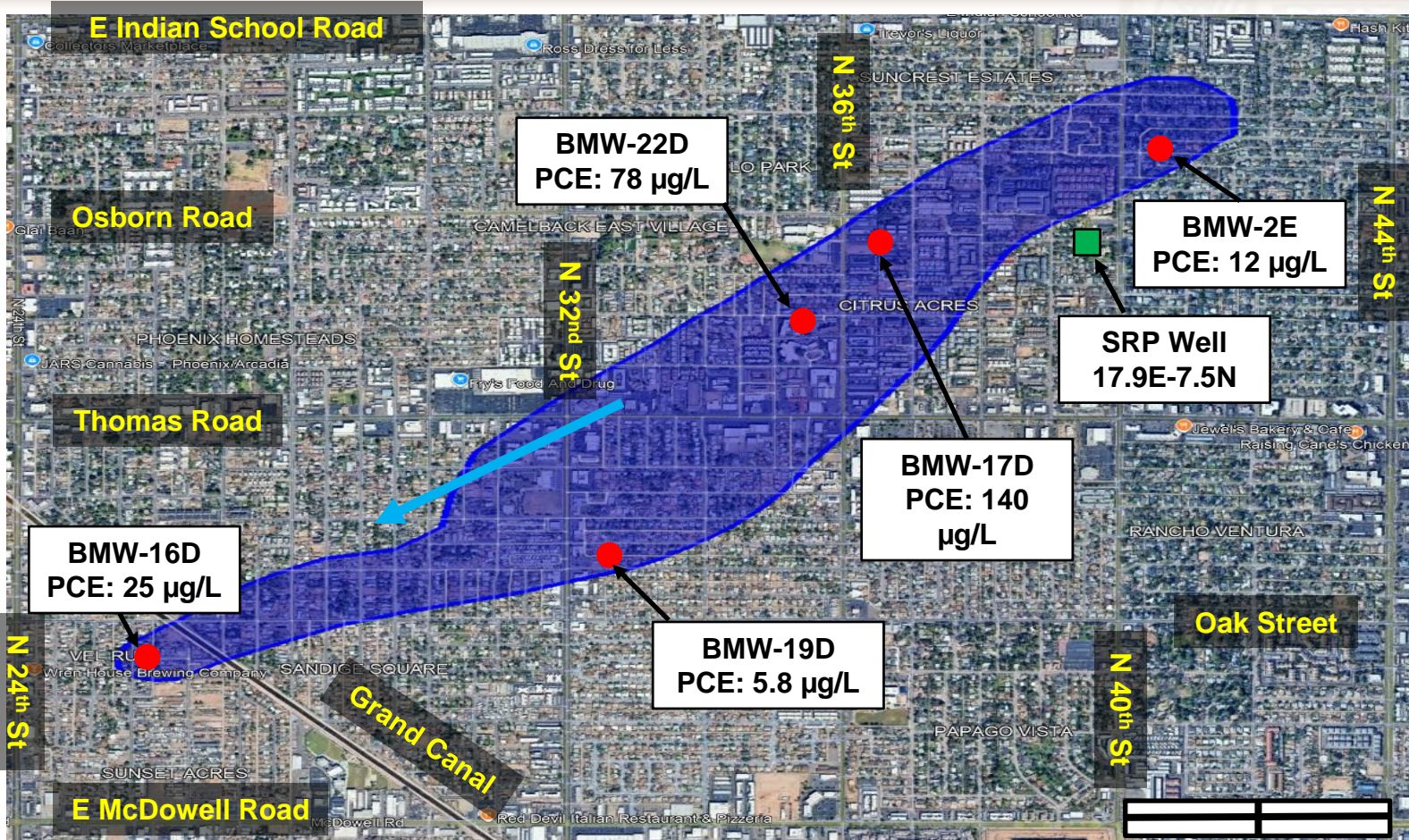
- 24th St Grand Canal Estimated Plume Boundary
- ECP Estimated Plume Boundary
- Counties

Plume boundaries depicted on the site map represent ADEQ's interpretation of data available at the time the map was constructed. The map is intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of map production. The actual extent of contamination may be different. Therefore, the plume for this site may change in the future as new information becomes available.

- Contaminants of Concern = Tetrachloroethene (PCE)
- Unknown Source of Contamination
- Current Impacted Media = Groundwater
- Potential Receptors = Salt River Project water supply well (17.9E-7.5N)

- Currently performing semi-annual groundwater monitoring
- Long and diffuse plume
- PCE Concentrations above Arizona Aquifer Water Quality Standard (AWQS) of 5 micrograms per Liter ($\mu\text{g}/\text{L}$) in March 2024 ranged from 5.6 to 140 $\mu\text{g}/\text{L}$
- PCE concentrations are decreasing or remaining stable in most monitoring wells

Groundwater Plume Map

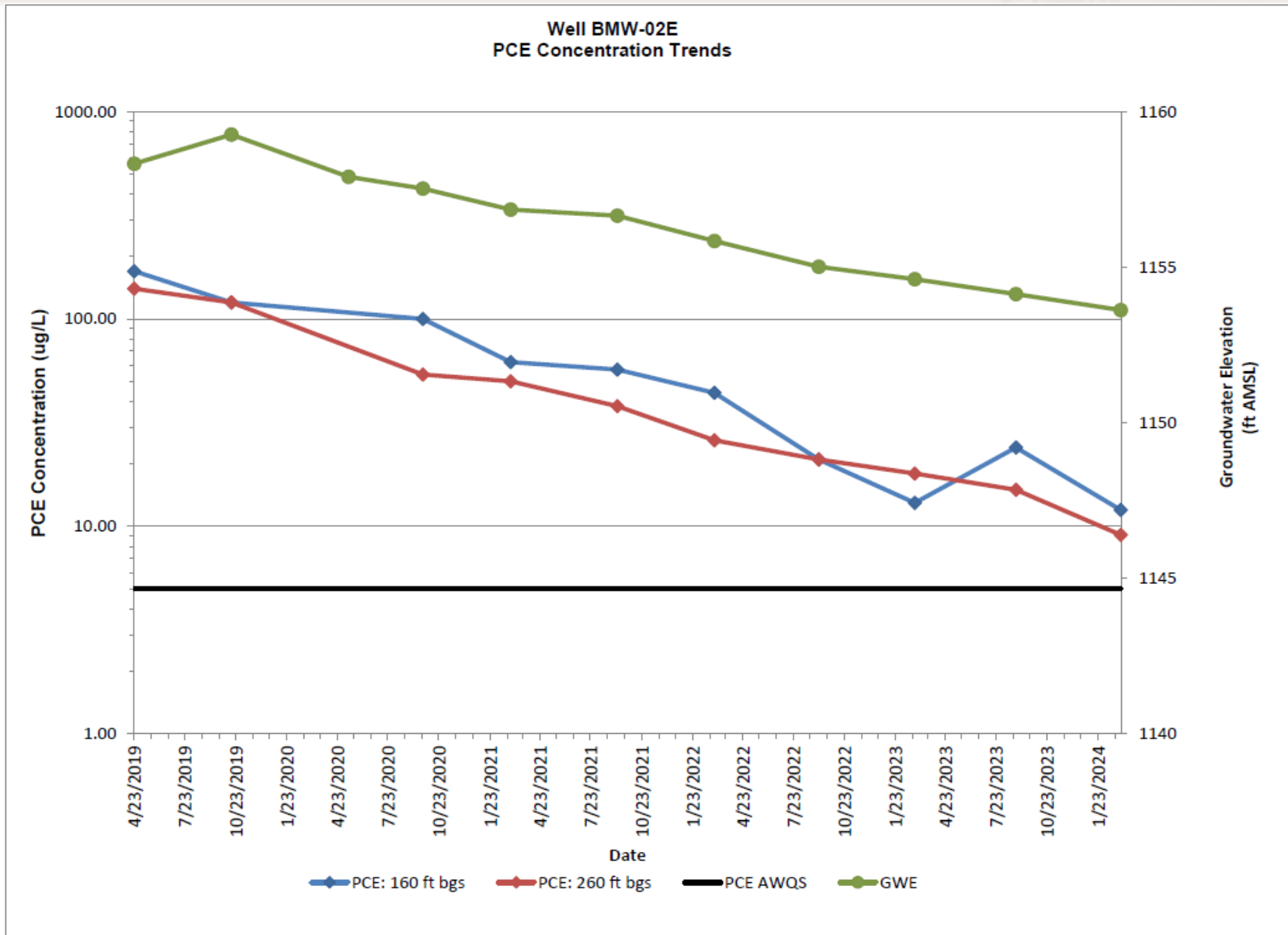


— 40th and Osborn – 5 μ g/L PCE Isopleth (2023 Monitoring)

● Monitoring Well ■ SRP Well

← Approximate Groundwater Flow Direction
Groundwater Depth approximately 45 feet in NW to 90 feet in SW

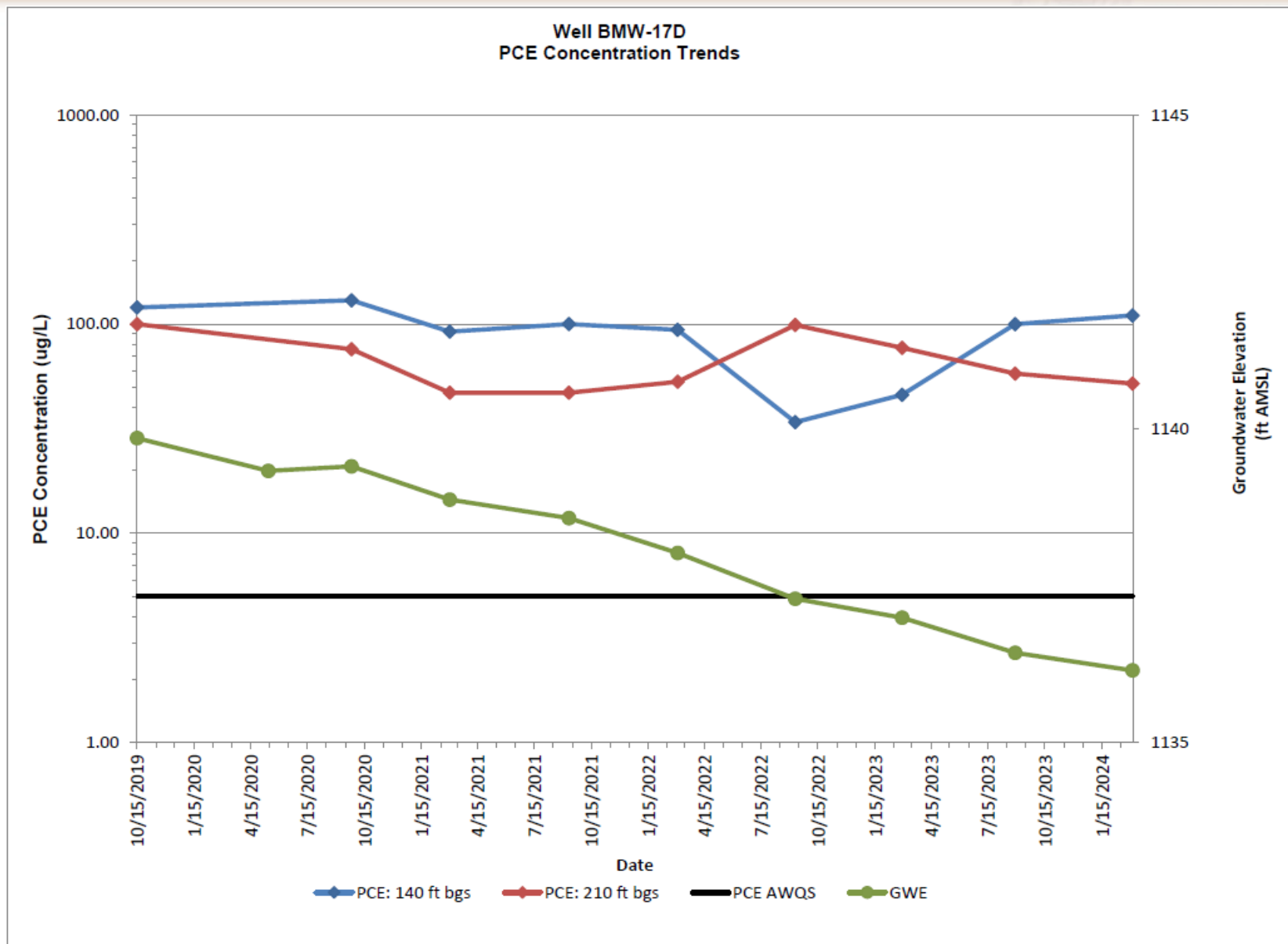
Groundwater Concentration Trend



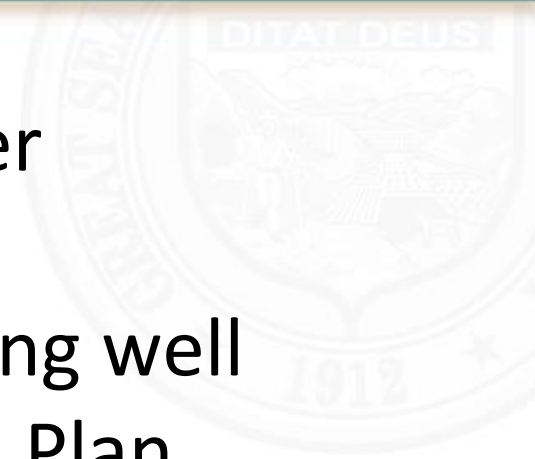
GWE = Groundwater Elevation

AMSL = Above Mean Sea Level

Groundwater Concentration Trend



- Continue semi-annual groundwater monitoring
- Install one downgradient monitoring well
- Finalize Proposed Remedial Action Plan



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Questions?

