

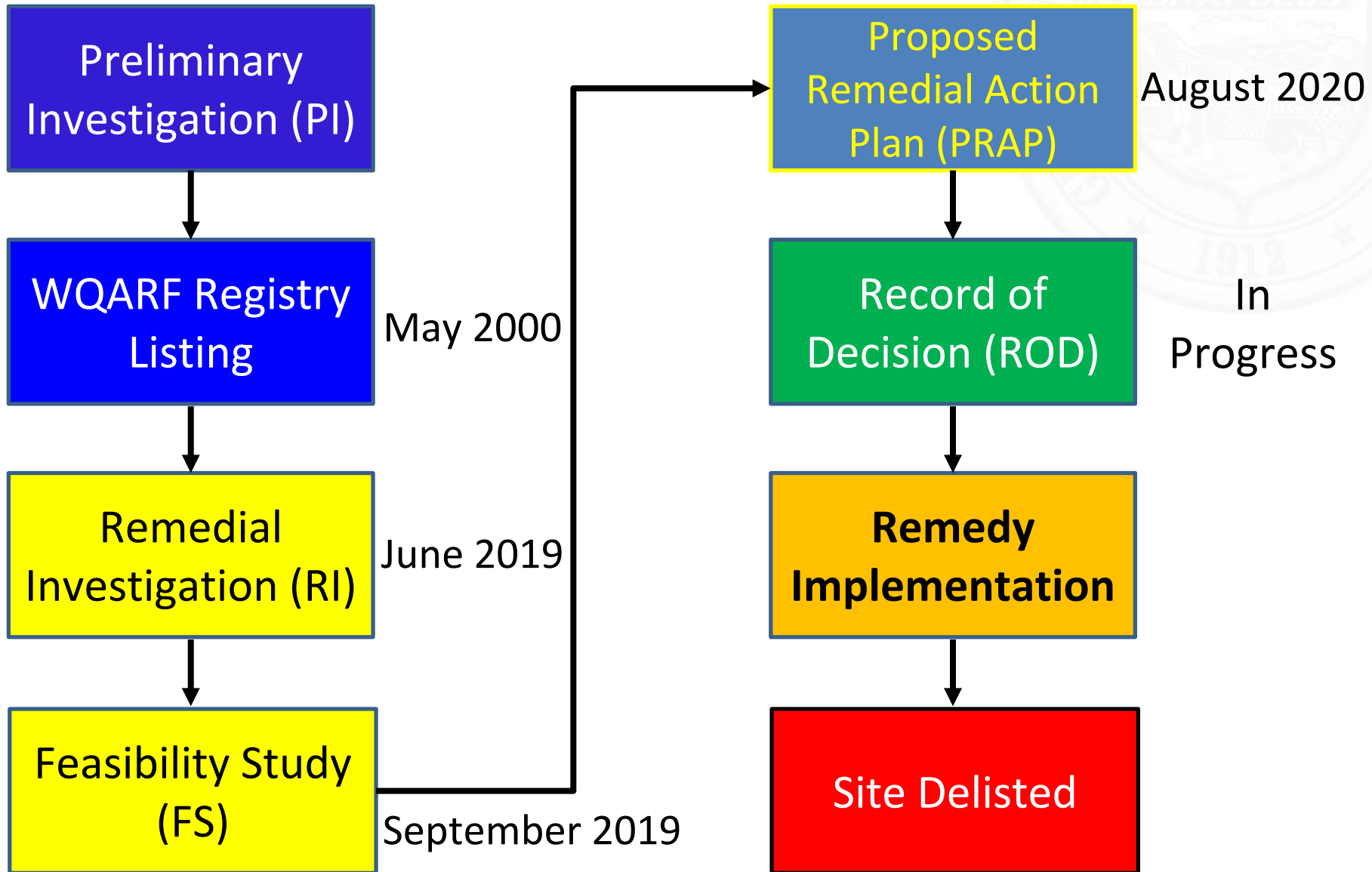
East Central Phoenix 32nd Street and Indian School Road Phoenix, AZ

Date: October 24, 2024

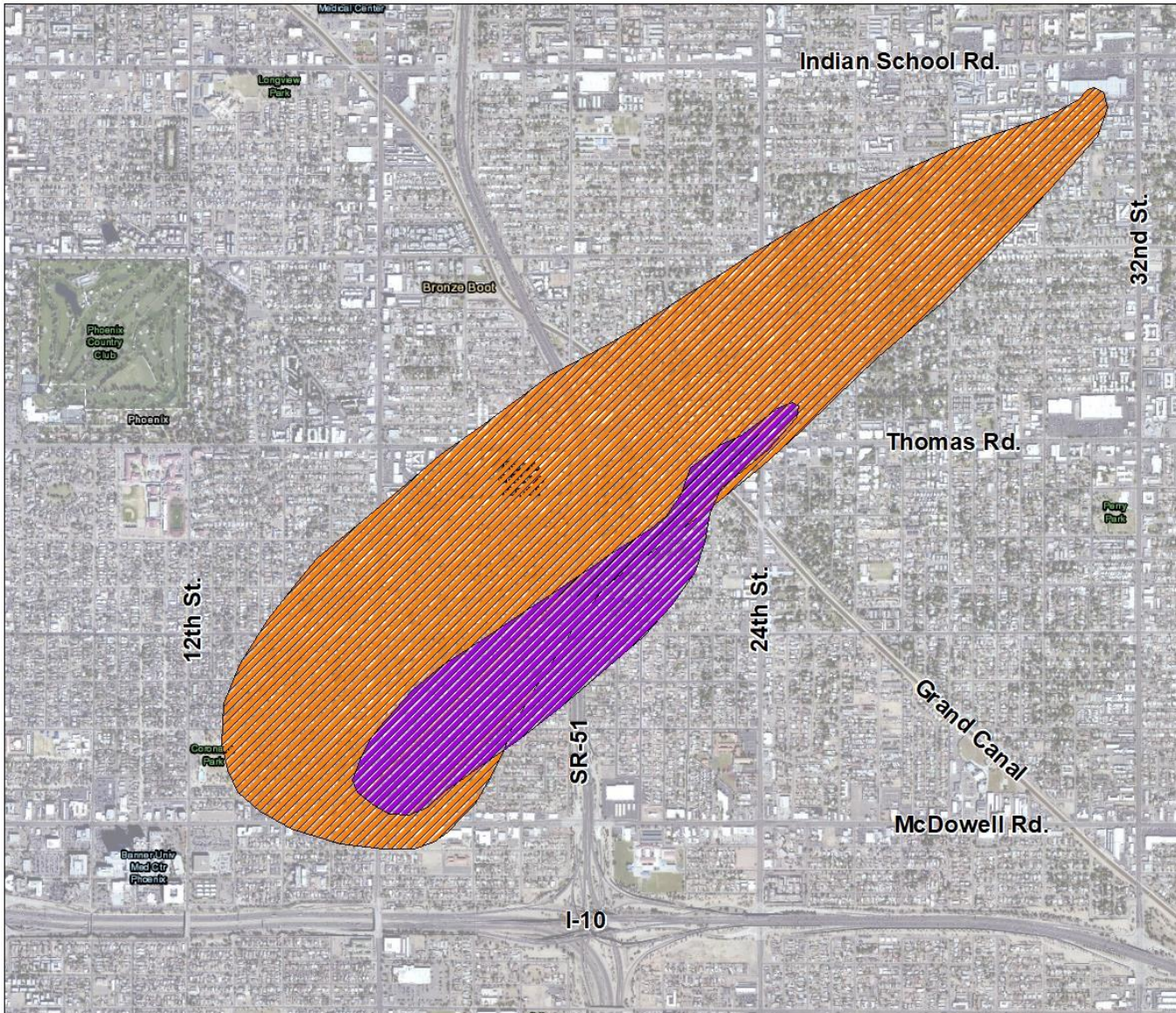
Project Manager: Mikel Morales



WQARF Process





Site Detail Map



Site Vicinity

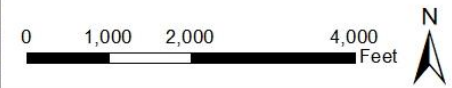
Figure: East Central Phoenix

Legend

-  32nd St. and Indian School Rd. Plume Boundary
-  24th St. and Grand Canal Plume Boundary

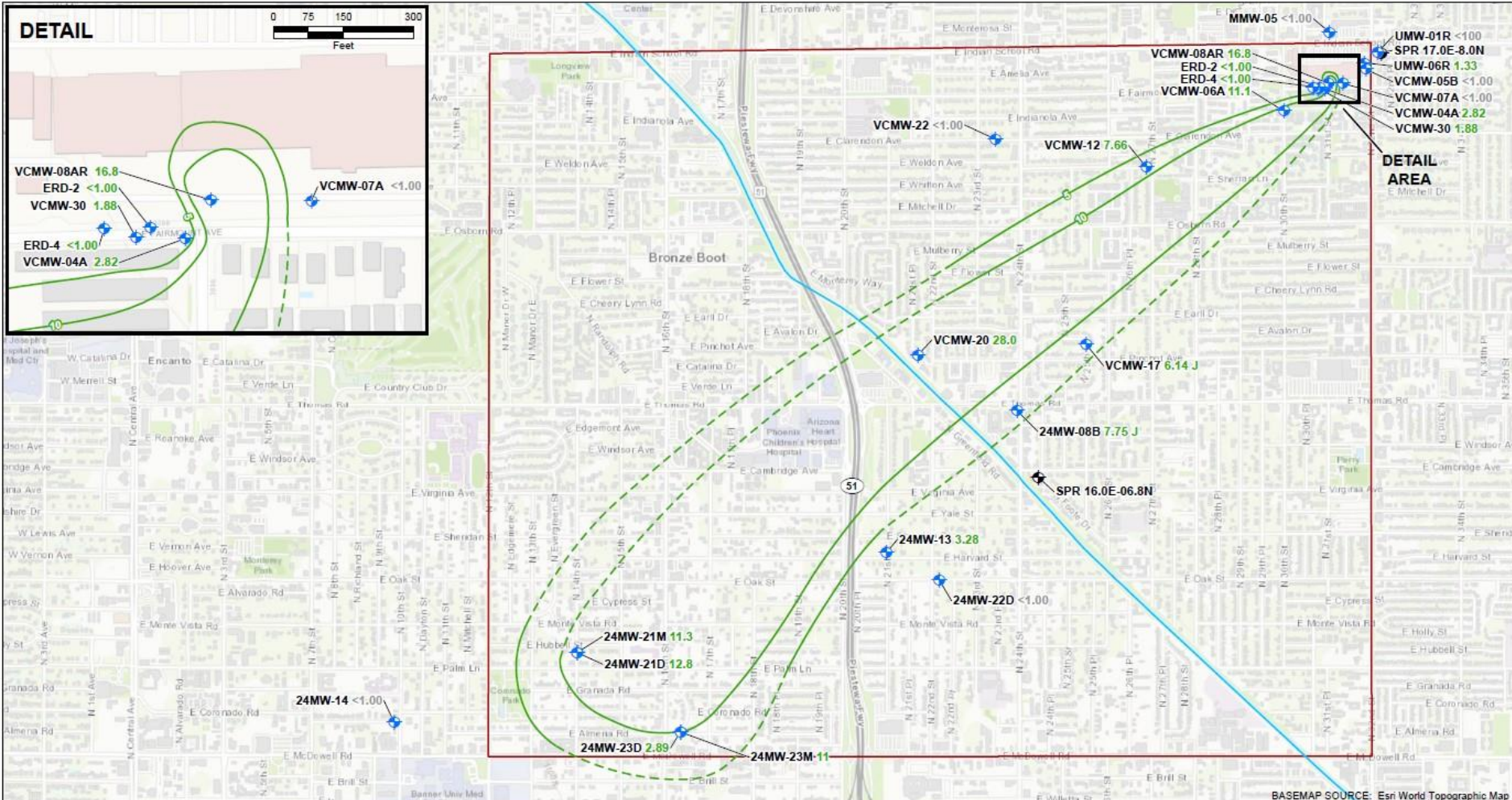
Notes:

- Estimated plume boundaries based on samples collected in September 2023



- **Contaminants of Concern** = Tetrachloroethene (PCE)
- **Source of Contamination** = Multiple former dry-cleaning facilities and former service shop
- **Current Impacted Media** = Groundwater (soil contamination remediated by soil vapor extraction [SVE] technology and source removal)
- **Current Conditions** = Long and diffuse plume (maximum concentration is 28 micrograms per Liter [$\mu\text{g}/\text{L}$])
- **Current Remedial Actions** = Semi-annual groundwater monitoring (Enhanced Reductive Dechlorination (ERD) completed in 2022)
- **Potential Receptors** = Salt River Project and City of Phoenix water supply wells

Groundwater Plume Map

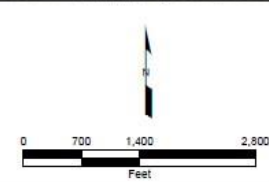


- GROUNDWATER MONITORING WELL
- PRODUCTION WELL, SALT RIVER PROJECT
- PCE ISOCONCENTRATION (µg/l)
- PCE ISOCONCENTRATION, INFERRED (µg/l)
- GRAND CANAL
- 32ND STREET AND INDIAN SCHOOL ROAD WQARF SITE

LOCATION ID
24MW-13 3.28
PCE CONCENTRATION (µg/l)

- Groundwater samples were collected on 9/13/2023, 9/14/2023, 9/15/2023 and 9/18/2023
- A grey value indicates a location where PCE was not detected above the reporting limit
- Wells with "24MW-" prefix in the sample identification are generally associated with the 24th Street and Grand Canal WQARF Site. However, concentrations have been identified as associated with the subject site.

PCE: tetrachloroethene
µg/l: micrograms per liter
J: approximate measurement

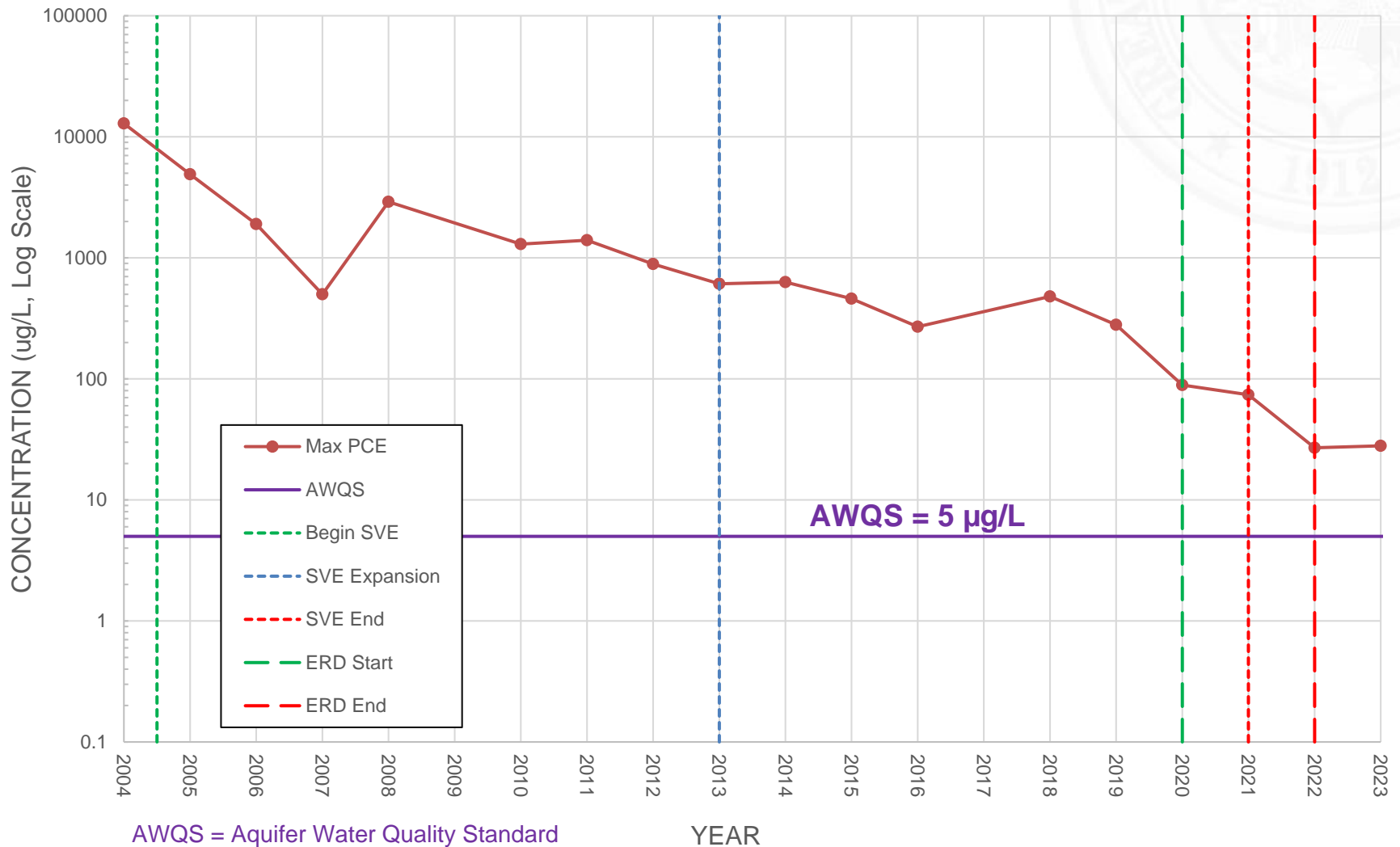


PCE Groundwater Isoconcentrations
September 2023
East Central Phoenix
32nd Street and Indian School Road WQARF Site
Phoenix, Arizona

		Figure 3
Phoenix	November 2023	

Groundwater Concentration Trend

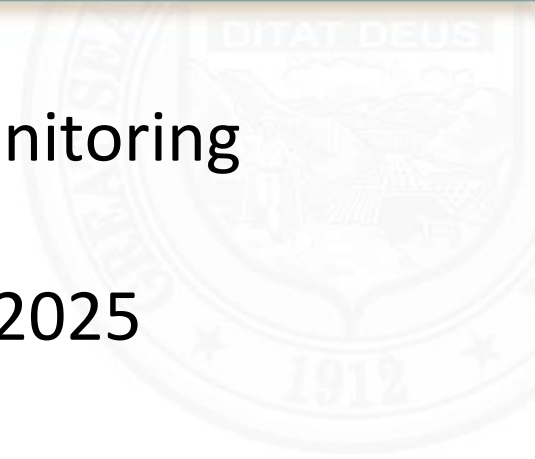
ECP - 32nd and Indian School Rd. PCE Concentration vs. Time



- Continue semi-annual groundwater monitoring
 - First event performed in October
 - Second event scheduled for spring 2025

- Install additional monitoring well(s)

- Finalize ROD



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Questions?

