

# East Central Phoenix Centro Este de Phoenix 32<sup>nd</sup>

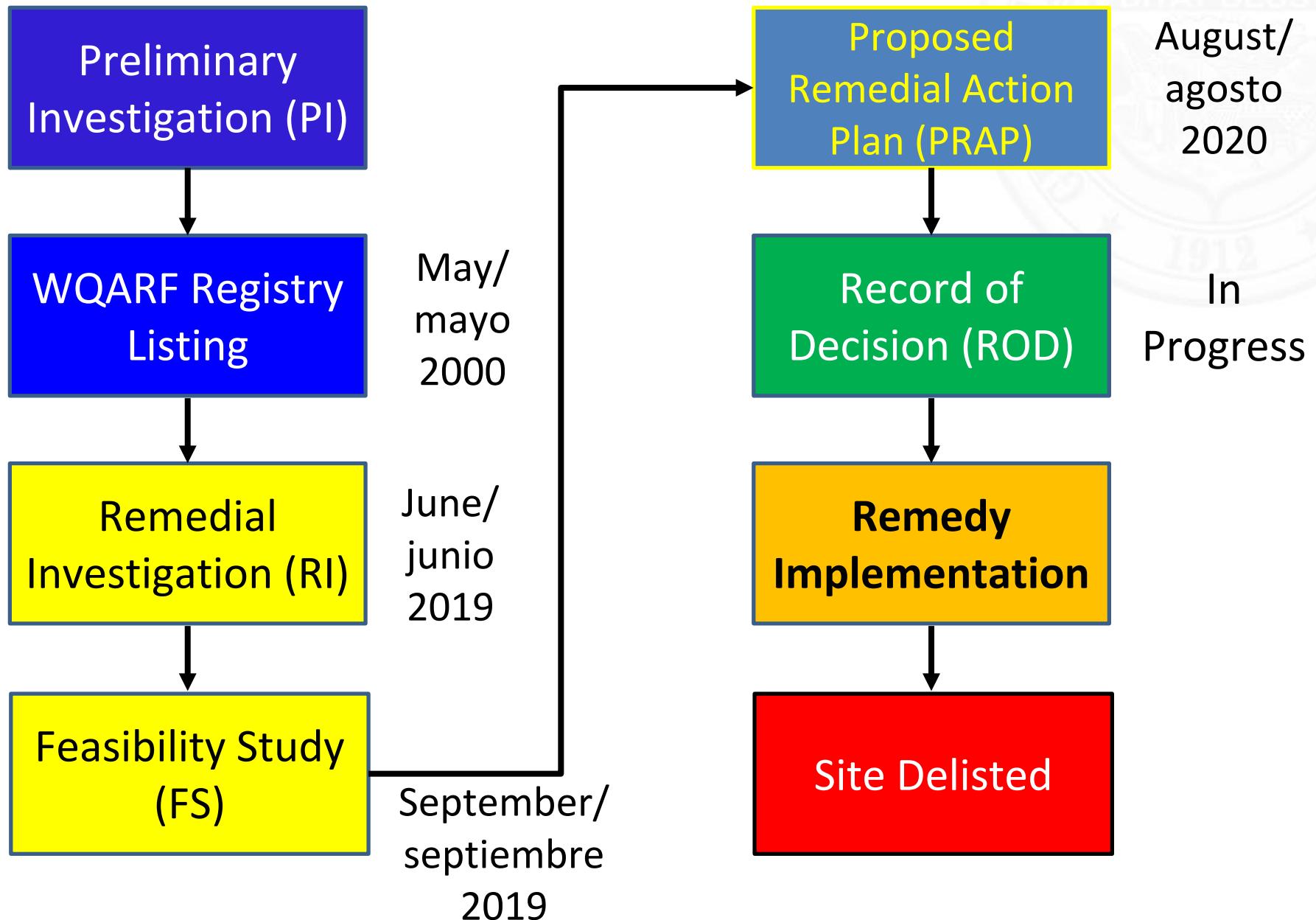
Street and Indian School Road  
Phoenix, AZ

Date: September 19, 2023  
Fecha: 19 Septiembre, 2023

Project Manager/  
Gerente del Proyecto:  
Mikel Morales

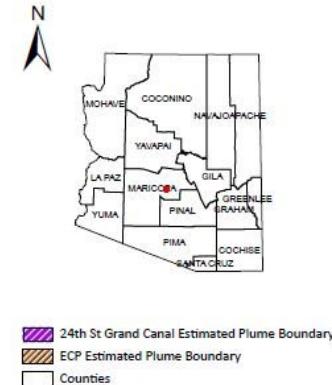
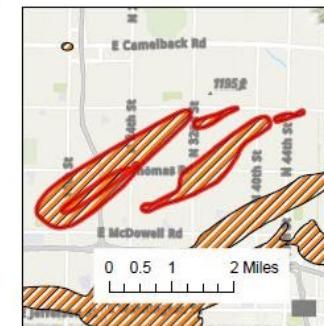
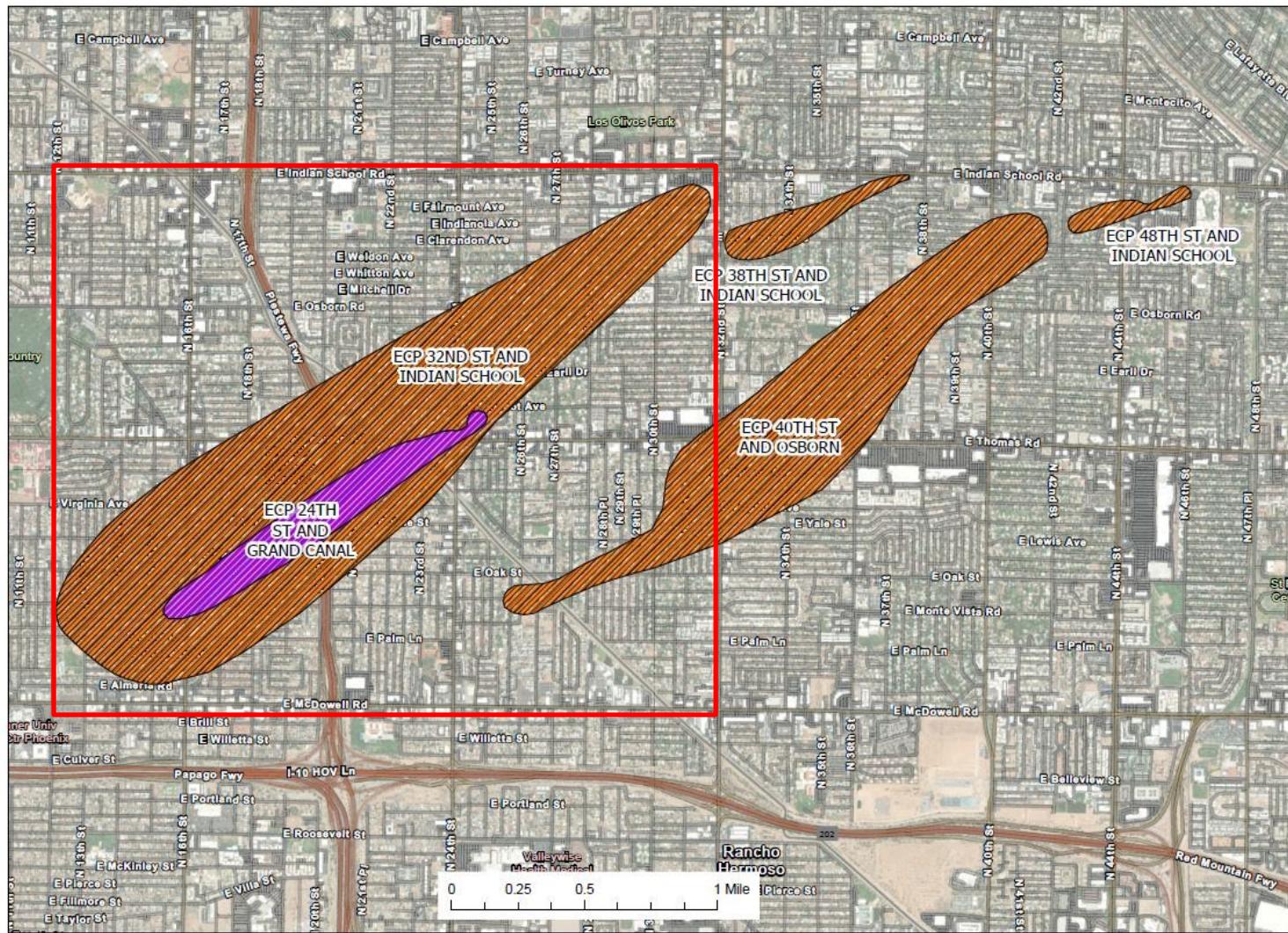


# WQARF Process / Fases de WQARF



# Site Detail Map / Mapa con detalles del sitio

## East Central Phoenix WQARF Sites



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)
- **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)
- **Potential Receptors =** Salt River Project and City of Phoenix water supply wells
- **Contaminantes de preocupación =**  
Tetracloroetileno (PCE)
- **Origen de la contaminación =**  
Varias antiguas instalaciones de tintorería
- **Current Impacted Media =**  
Medios impactados actualmente  
= Agua subterránea  
(contaminación de la tierra remediada por mediante de tecnología de extracción de vapor del suelo [SVE])
- **Potential Receptors =** Pozos de suministro de agua del Proyecto Salt River

- Performed targeted soil excavation in 2022
  - Located and removed abandoned line during excavation
- Decommissioned soil vapor extraction treatment system
- Se realizó una excavación de tierra específica en 2022
  - Se localizó y se removió la línea abandonada durante la excavación
- Decomisionaron el sistema de tratamiento de extracción de vapor del suelo

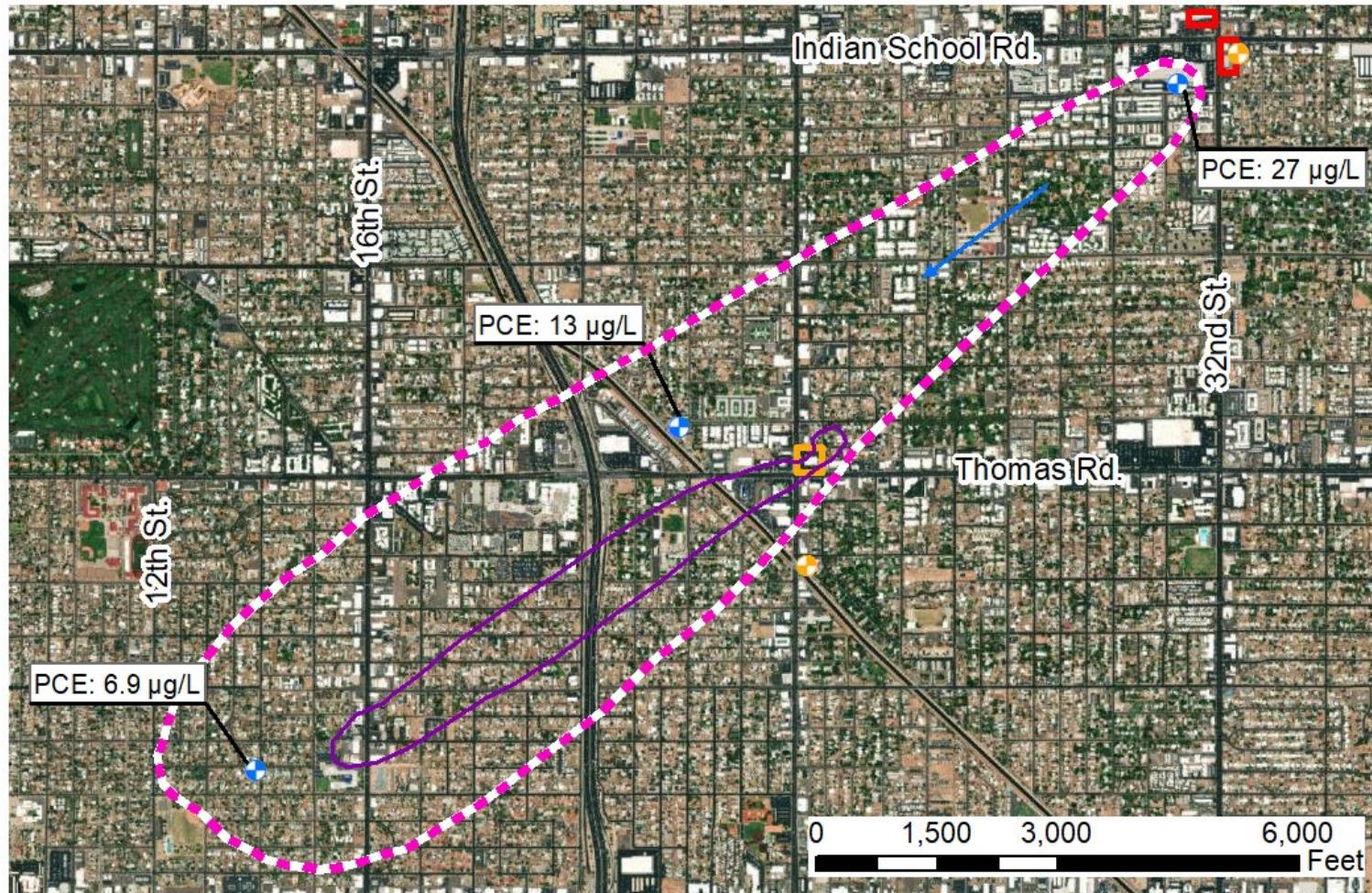


- Currently performing semi-annual groundwater monitoring
- Long and diffuse plume (maximum concentration is 27 micrograms per Liter [ $\mu\text{g/L}$ ])
- Completed Enhanced Reductive Dechlorination (ERD) Pilot Study within hot-spot area
- Actualmente realizando monitoreos semestrales de aguas subterráneas
- Elongar y difusiar la contaminación (concentración máxima es 27 microgramos por litro [ $\mu\text{g/L}$ ])
- Se completó el estudio piloto de decloración reductiva mejorada (ERD) dentro del área del punto crítico



# Groundwater Plume Map

## Mapa del derrame en el agua subterránea



- - - 32nd and Indian School Rd (Deep) - 5 µg/L PCE Isopleth (PRAP / 2022 Monitoring)

— 24th and Grand Canal (Shallow) - 5 µg/L PCE Isopleth (2022 Monitoring)

■ 32nd and Indian School Rd - Source Area Property

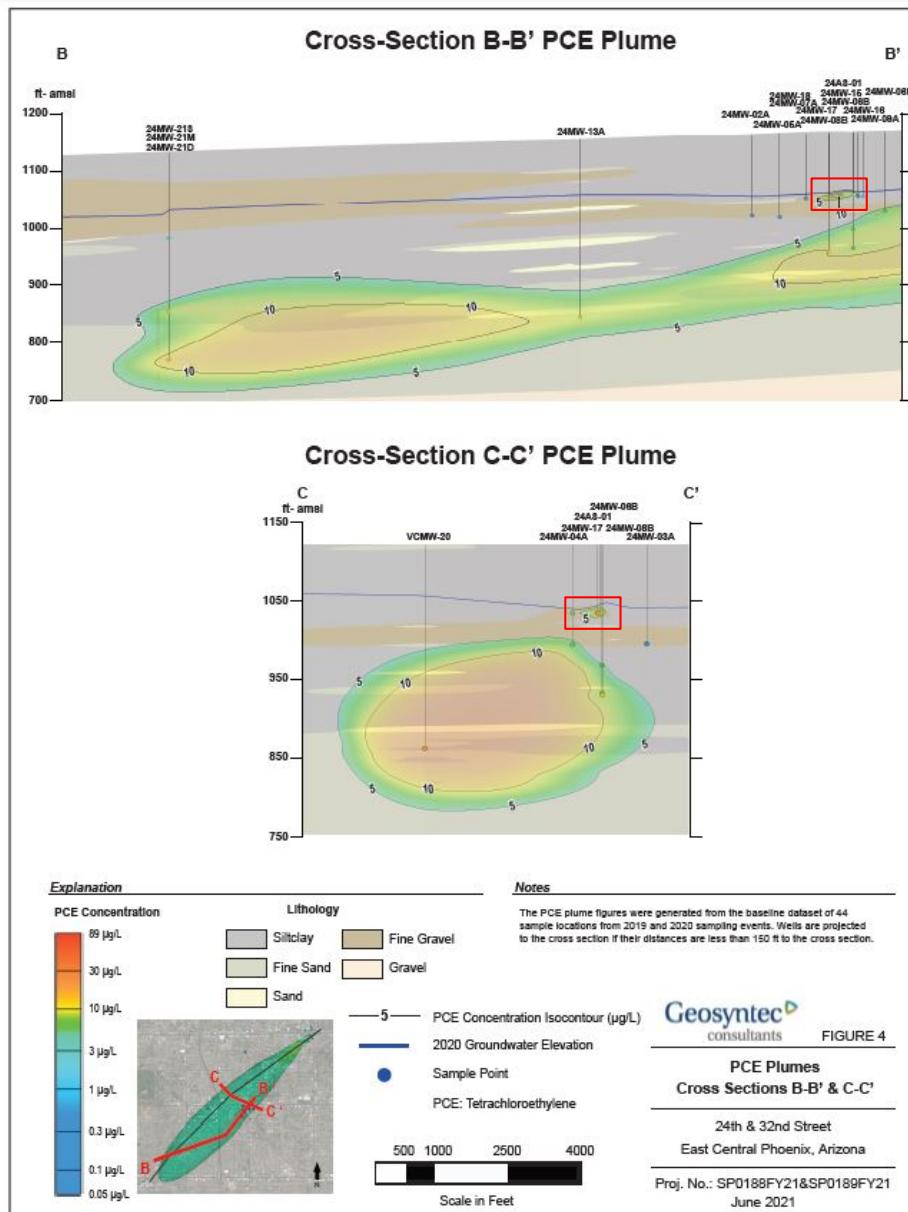
■ 24th and Grand Canal - Source Area Property

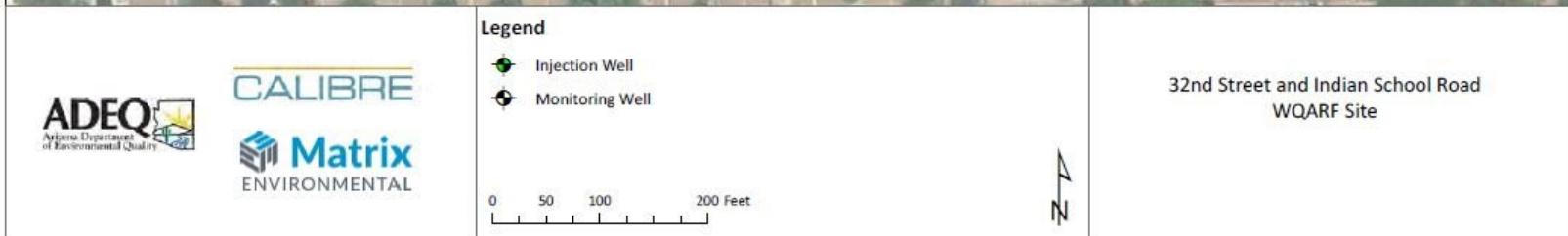
← Approximate Groundwater Flow Direction

● Monitoring Well

◆ SRP Well

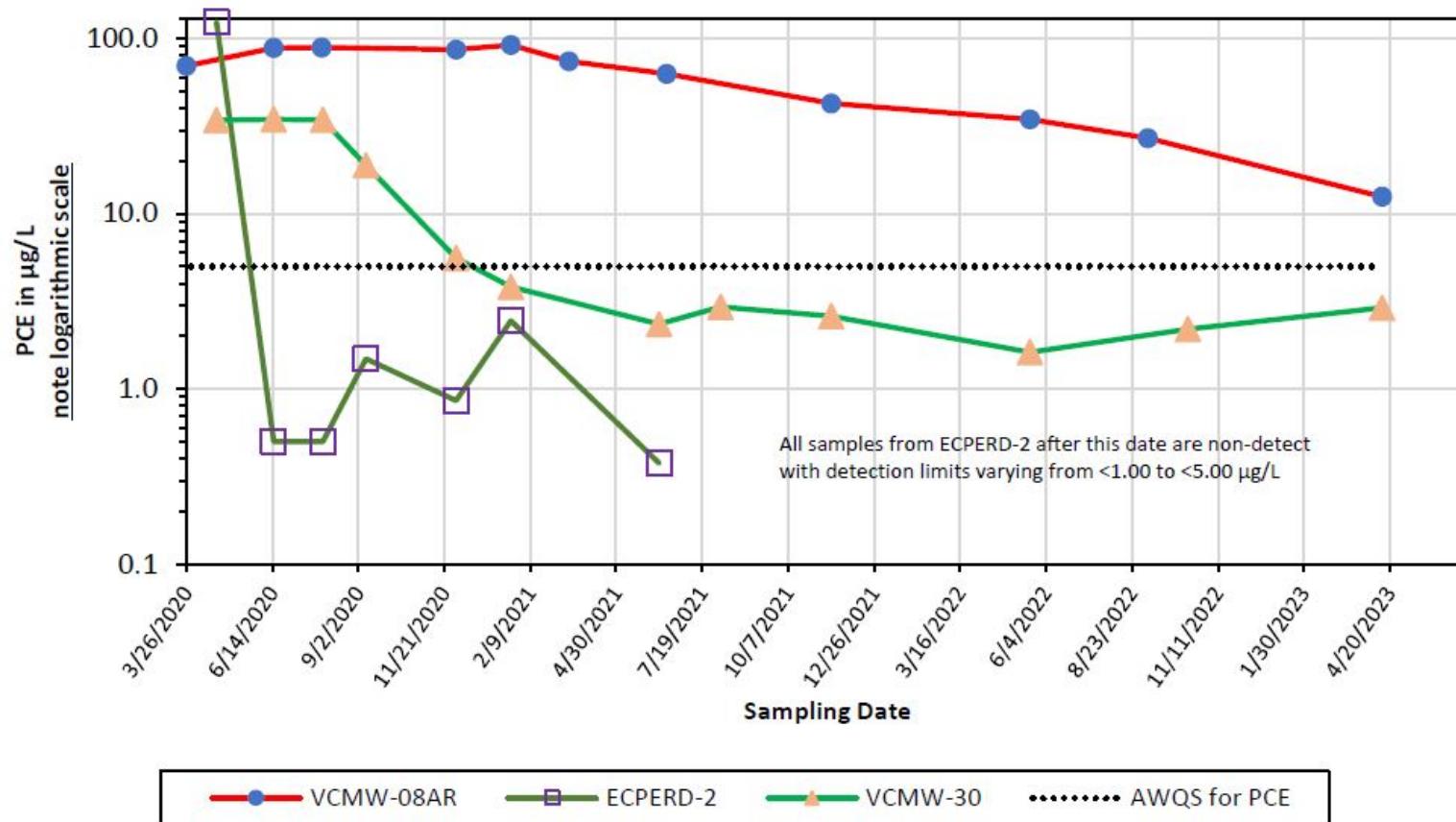






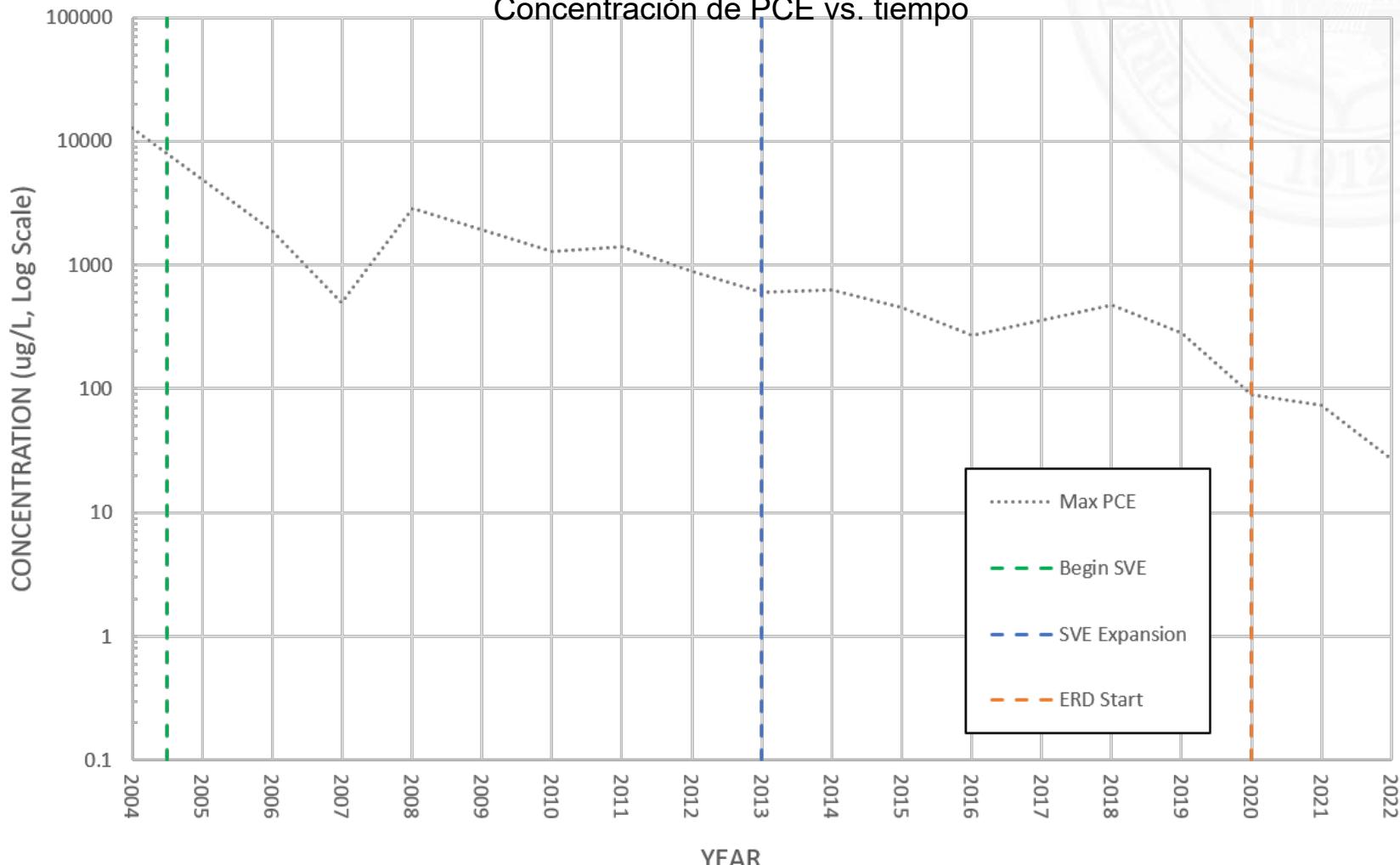
# ERD Treatment / Tratamiento de ERD

## PCE Trends Along Fairmount Avenue

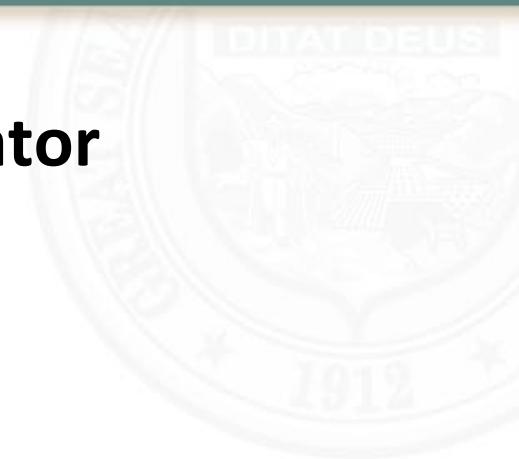


**ECP - 32nd and Indian School Rd.****PCE Concentration vs. Time**

## Concentración de PCE vs. tiempo



- Continue semi-annual groundwater monitoring
- Finalize ROD
- Continuar monitoreo semi-anual del agua subterránea
- Finalizar registro de decisión (ROD)



## **ADEQ Community Involvement Coordinator**

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# Questions? ¿Preguntas?

