

# East Central Phoenix Centro Este de Phoenix

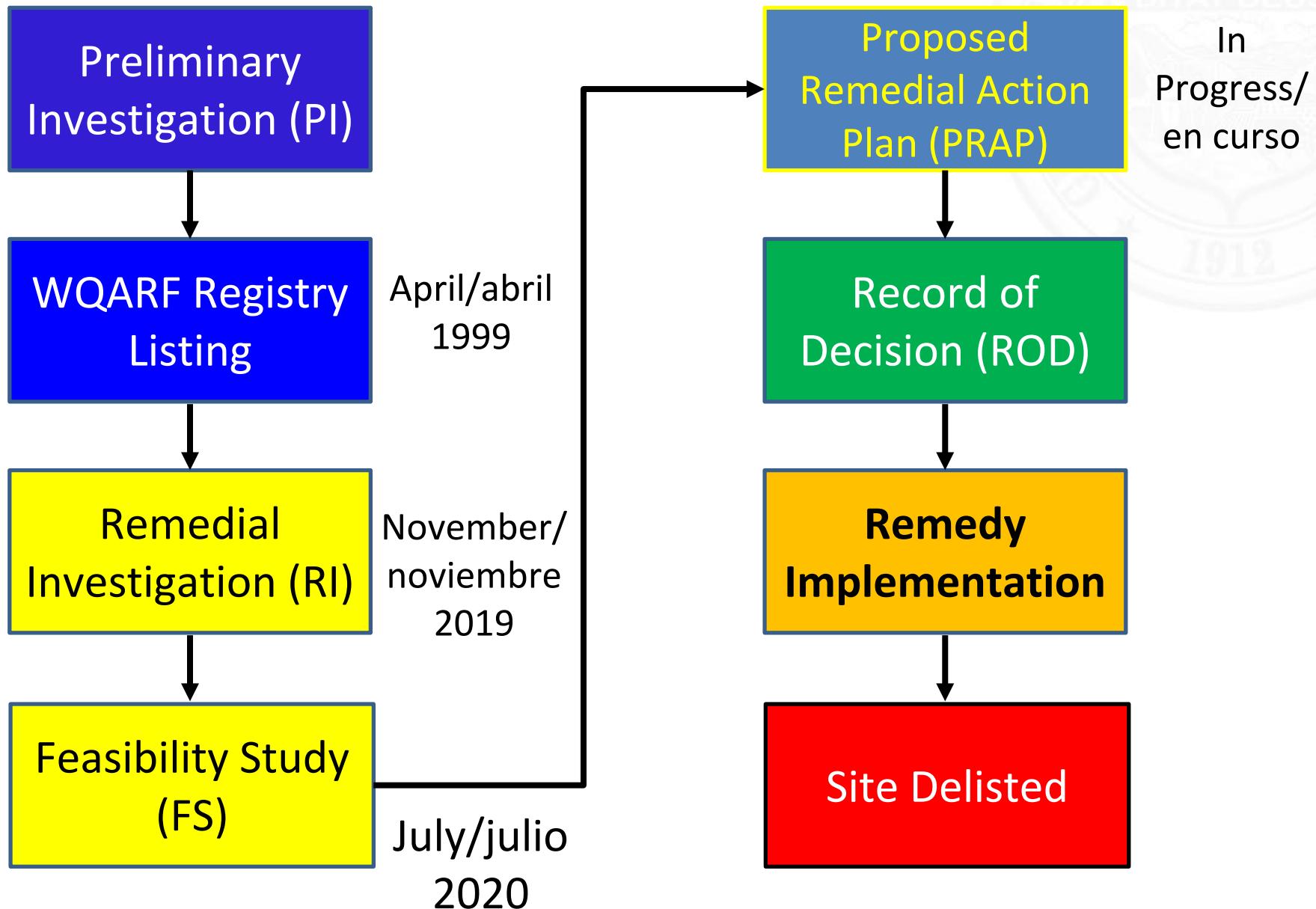
48<sup>th</sup> Street and Indian School Road  
Phoenix, AZ

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

Project Manager/  
Gerente del Proyecto:  
Adam Nagle

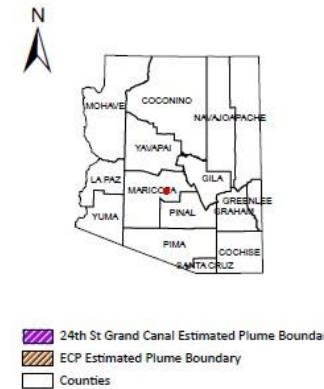
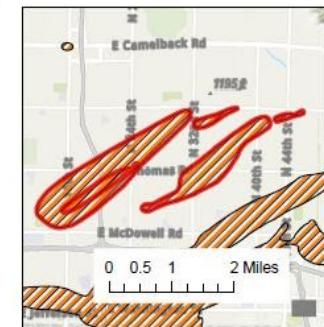
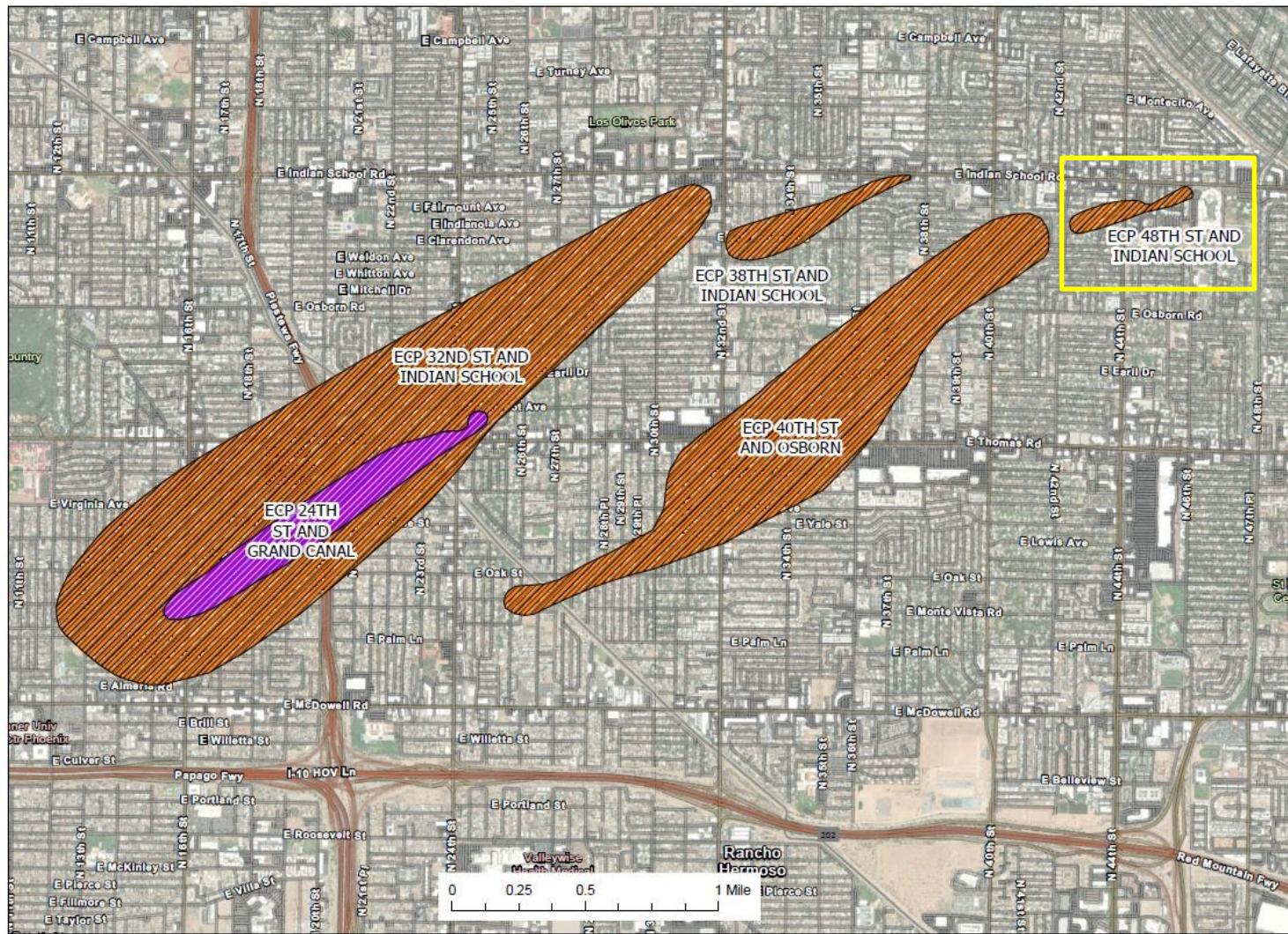


# WQARF Process / Fases de WQARF



# 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.

# Background / Antecedentes

- **Contaminants of Concern =**  
Tetrachloroethene (PCE)
- **Source of Contamination =**  
Former One Hour Martinizing  
(1966 - 1987) and Sandy's  
Cleaners (1987 - present)
- **Current Impacted Media =**  
Groundwater and soil vapor (soil  
contamination remediated by soil  
vapor extraction system and soil  
vapor testing indicated no  
substantial risk)
- **No Potential Receptors**
- **Contaminantes de preocupación =**  
Tetracloroetileno (PCE)
- **Origen de la contaminación =**  
Former One Hour Martinizing  
(1966 - 1987) and Sandy's  
Cleaners (1987 - presente)
- **Medios impactados actualmente**  
= Agua subterránea y vapor del  
suelo (la contaminación del suelo  
remediada por el sistema de  
extracción de vapor del suelo y las  
pruebas de vapor del suelo no  
indicaron ningún riesgo sustancial)
- **No hay receptores potenciales**

# Groundwater Remediation Summary/Update

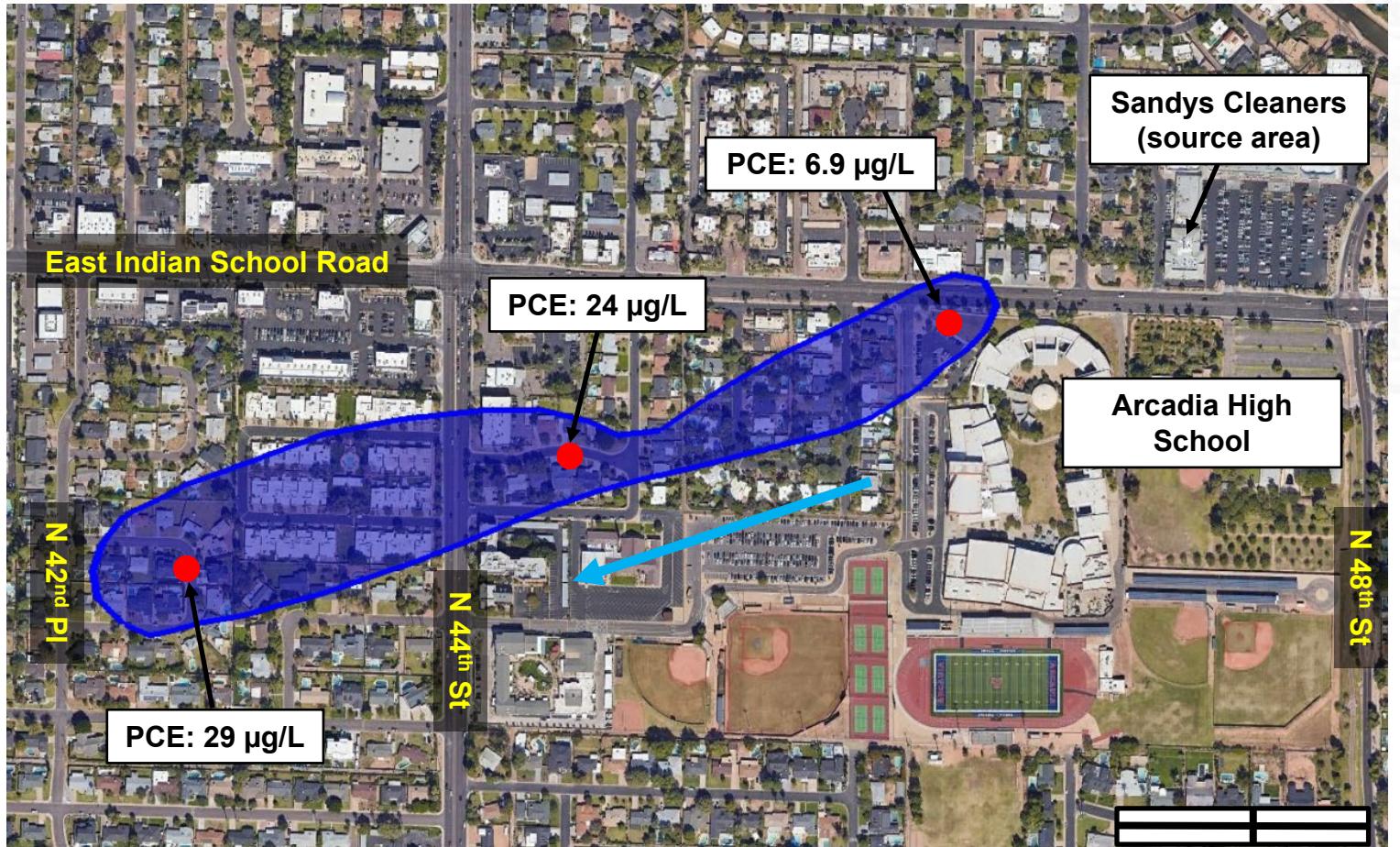
## Actualización/ Resumen de Remediación del agua



- Currently performing semi-annual groundwater monitoring
- Diffuse plume
- PCE Concentrations above Arizona Aquifer Water Quality Standard of 5 micrograms per Liter ( $\mu\text{g}/\text{L}$ ) in March 2023 ranged from 6.7 to 29  $\mu\text{g}/\text{L}$
- PCE concentrations are decreasing or remaining stable in all monitoring wells
- Actualmente realizando monitoreos semestrales de aguas subterráneas
- Elongar y difusiar la contaminación
- Concentraciones de PCE sobre el Estándar de Calidad del Agua de los Acuíferos (AWQS) de 5 microgramos por litro ( $\mu\text{g}/\text{L}$ ) en Marzo 2023 en el rango de 6.7 a 29  $\mu\text{g}/\text{L}$
- Concentraciones de PCE disminuyen o se quedan estable en todos los pozos de monitoreo

# Groundwater Plume Map

## Mapa del derrame en el agua subterránea



— 48<sup>th</sup> and Indian School – 5µg/L PCE Isopleth (2023 Monitoring)

● Monitoring Well

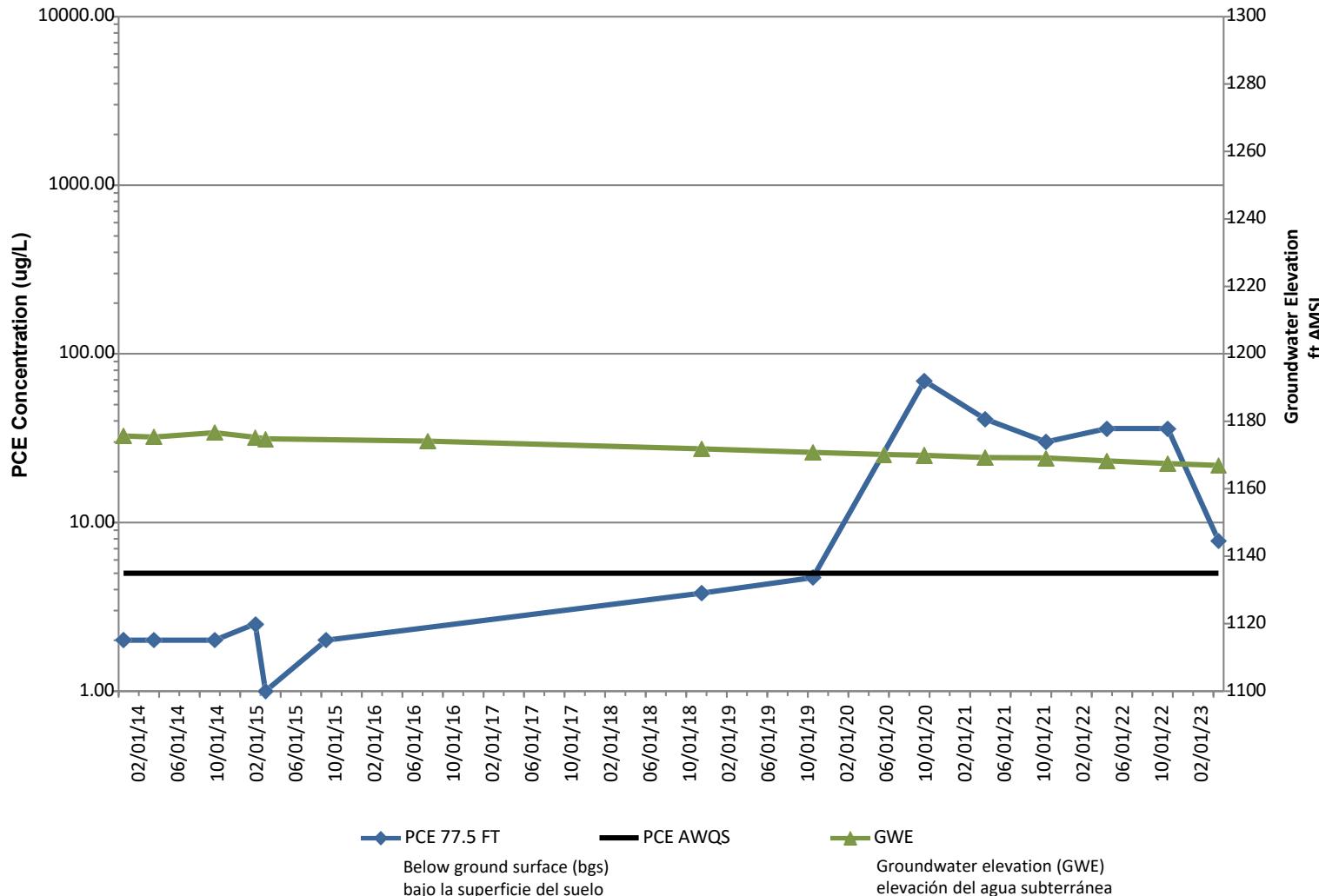
← Approximate Groundwater Flow Direction  
Groundwater Depth approximately 45 feet

Dirección aproximada de la corriente del agua subterránea  
Profundidad del agua subterránea es aproximadamente 45 pies

# Groundwater Concentration Trend

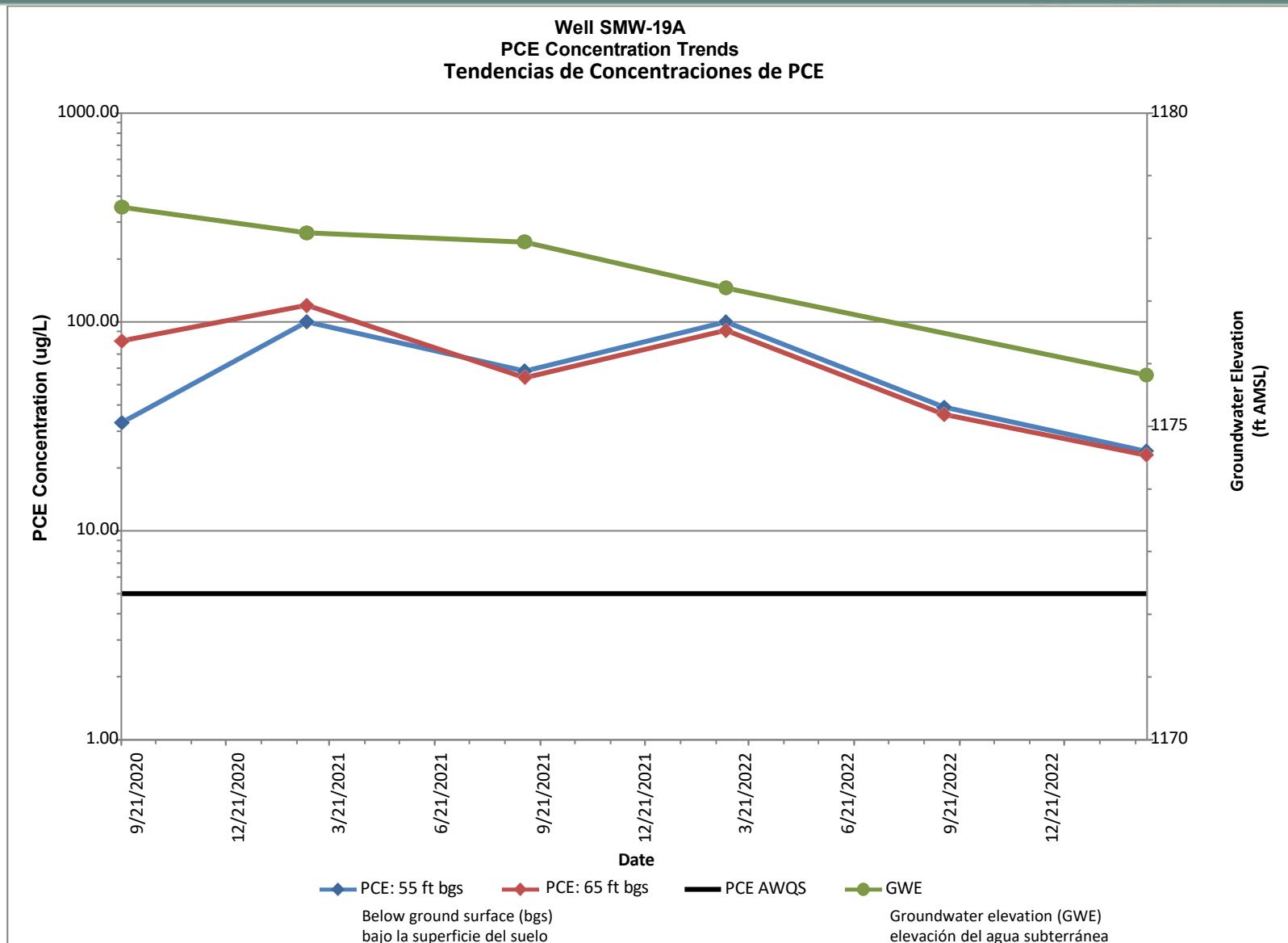
## Tendencia de la concentración del agua subterránea

Well BMW-05-77 ft  
PCE Concentration Trends  
Tendencias de Concentraciones de PCE

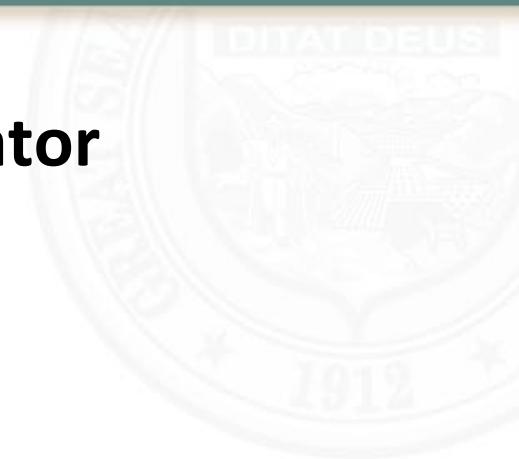


# Groundwater Concentration Trend

## Tendencia de la concentración del agua subterránea



- Continue semi-annual groundwater monitoring
- Prepare Proposed Remedial Action Plan
- Continuar monitoreo semi annual del agua subterránea
- Prepare Proposed Remedial Action Plan



## **ADEQ Community Involvement Coordinator**

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# Questions? ¿Preguntas?

