

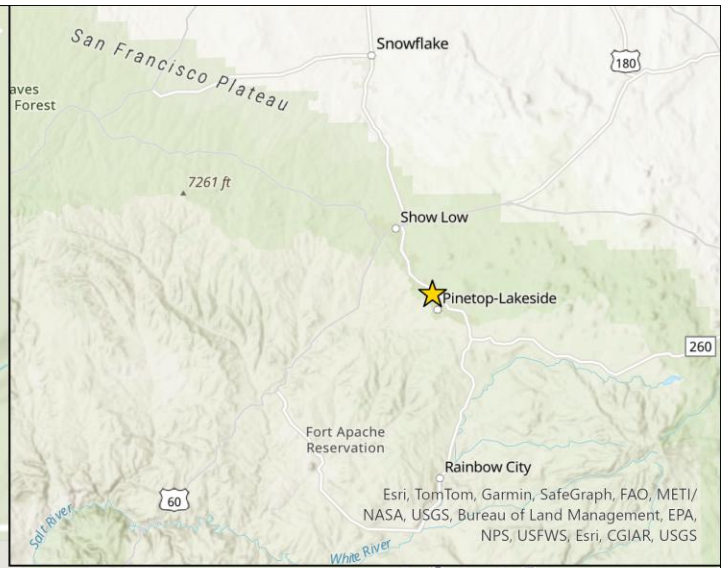
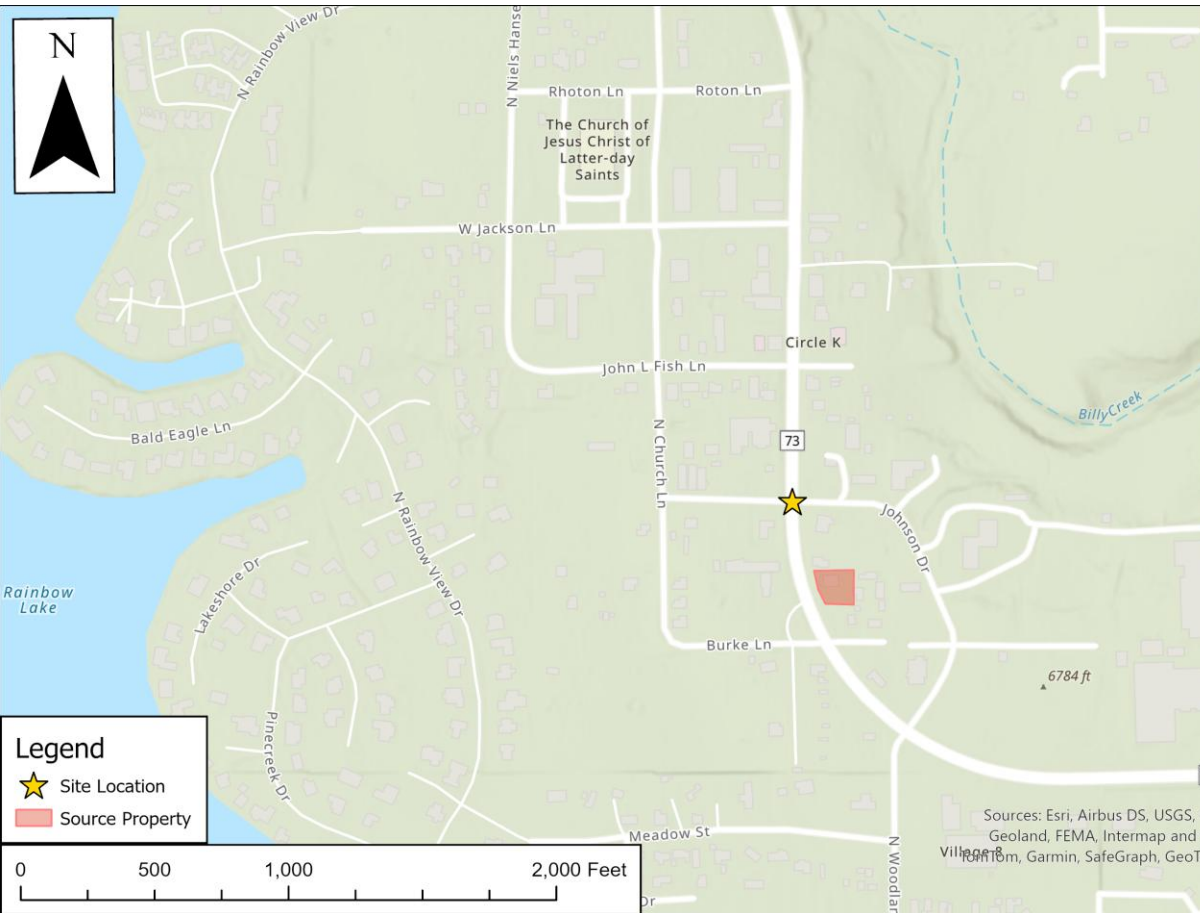
Highway 260 & Johnson Lane WQARF Site

Joshua Campbell



July 22, 2025

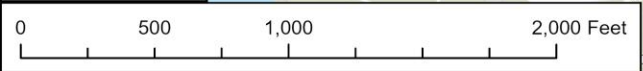
Community Presentation





Legend

-  Site Location
-  Source Property

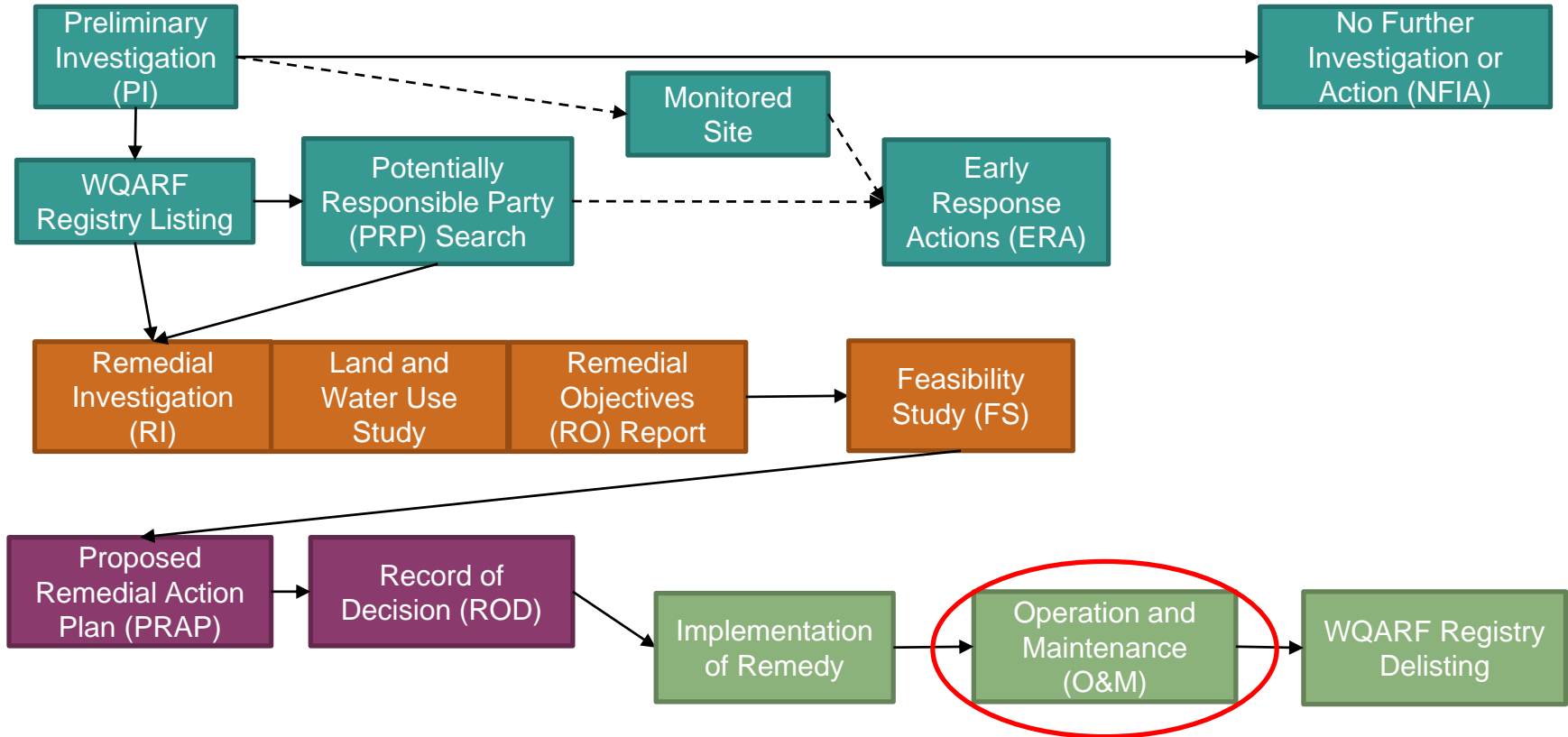


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, Geoland, FEMA, Intermap and the GIS user community, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA

Site Location
Highway 260 and Johnson Lane WQARF Site
Pinetop-Lakeside, AZ

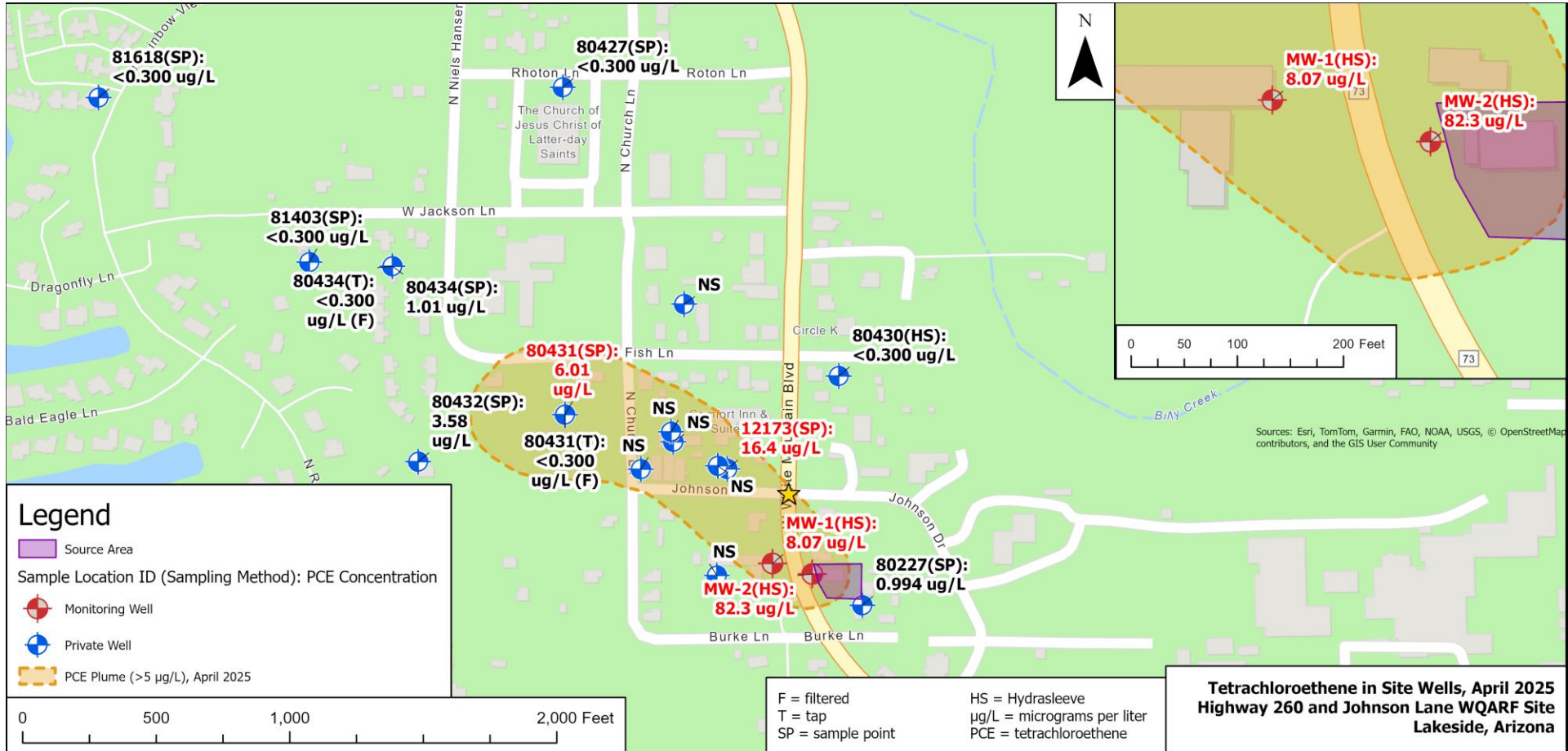


WQARF Process



Brief History

- Site added to WQARF Registry in June 2016.
- Contaminant of Concern is tetrachloroethene (PCE) in groundwater
- Source of PCE is a former laundromat and dry-cleaner that operated between 1985 and 2016.
- Record of Decision was published in February 2021.
- The Selected Remedy included:
 - Wellhead treatment systems at impacted private wells.
 - Monitored Natural Attenuation (semi-annual groundwater monitoring is conducted to monitor plume degradation).



F = filtered
 T = tap
 SP = sample point

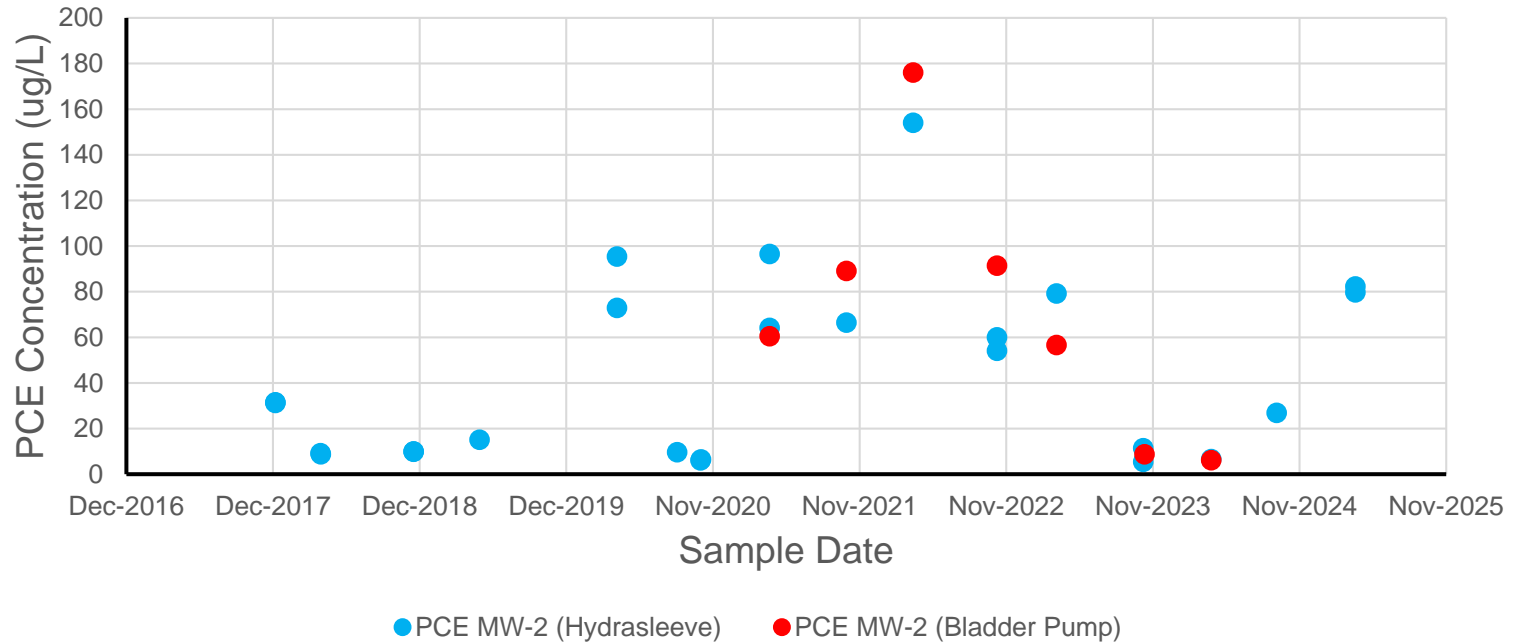
HS = Hydrasleeve
 µg/L = micrograms per liter
 PCE = tetrachloroethene

**Tetrachloroethene in Site Wells, April 2025
 Highway 260 and Johnson Lane WQARF Site
 Lakeside, Arizona**



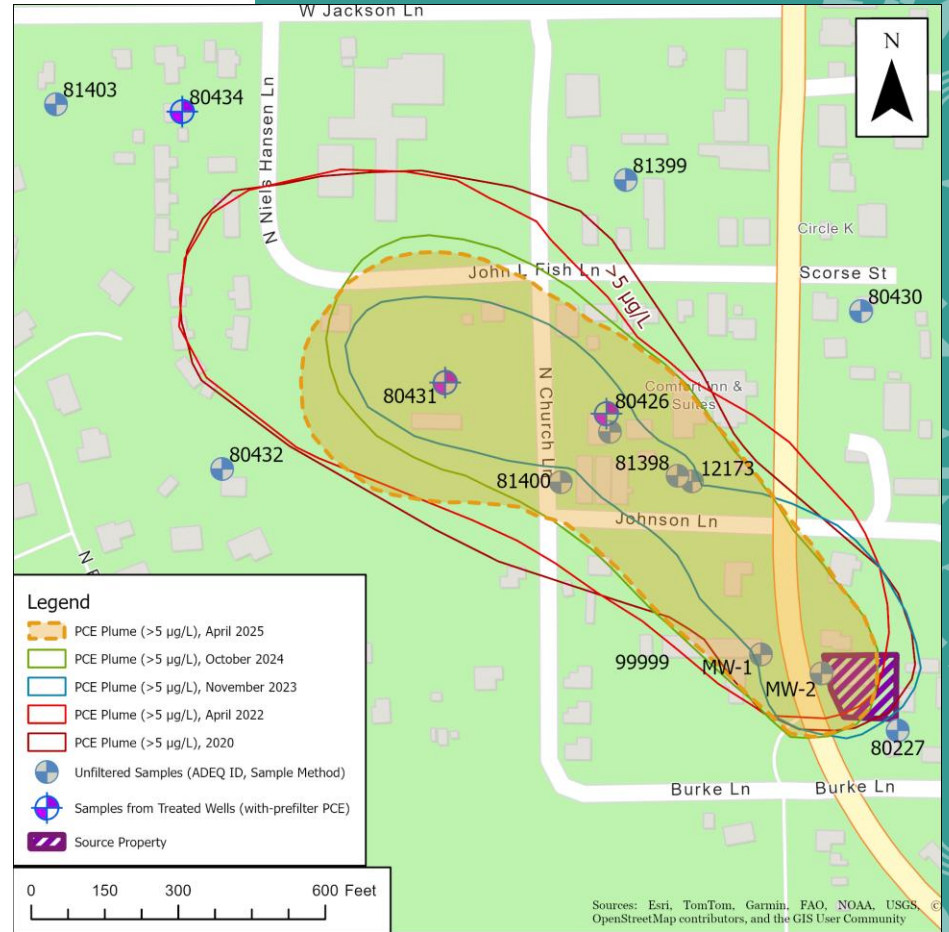
Source Concentrations

Tetrachloroethene (PCE) Concentrations in Well MW-2 by Sampling Method



Plume Changes

- PCE plume size/shape has remained mostly stable.
- Well availability for sampling has fluctuated:
 - Home owners moving or passing away.
 - Influences how much we can know about the plume.



Highway 260 & Johnson - WQARF Activity

	FY20	FY21	FY22	FY23	FY24	FY25
What was Accomplished	Sitewide GW Sampling, Treatment system O&M	Sitewide GW Sampling, Treatment system O&M	Sitewide GW Sampling, Treatment system O&M	SVE Pilot Test, Sitewide GW Sampling, Treatment system O&M	Sitewide GW Sampling, Treatment system O&M	Sitewide GW Sampling, Treatment system O&M

GW: groundwater

O&M: operations and maintenance

SVE: soil vapor extraction

Path Forward/Challenges

- Continue semi-annual groundwater monitoring to monitoring plume degradation and stability.
- Continue semi-annual inspections and maintenance of wellhead treatment systems during each sampling event.
 - As-needed replacement of packaged filter units.



Questions?

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