Santa Fe County PFAS Investigation
Update

Presented to La Cienega and La Cieneguilla Communities

October 15, 2026

Project Objectives

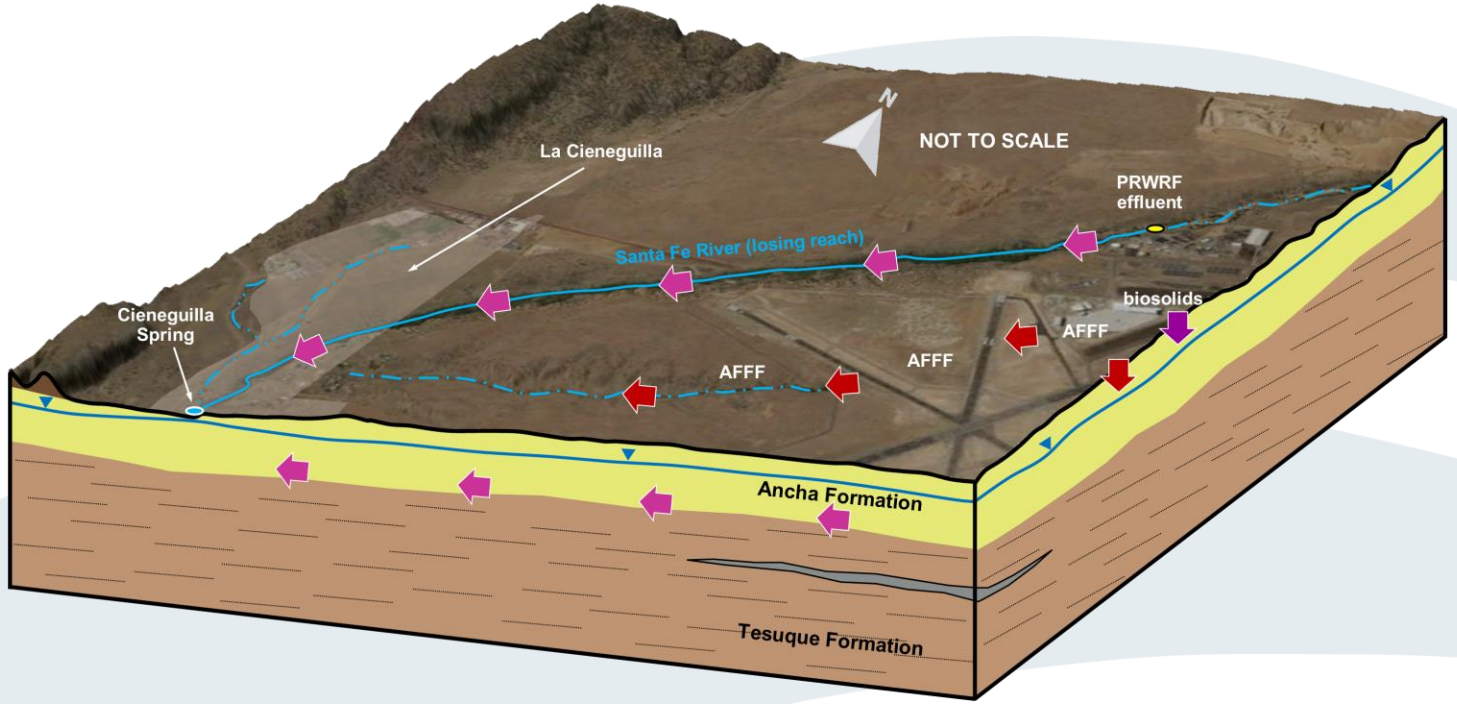
Project Goal: Understand the magnitude and extent of PFAS impacts in La Cienega and La Cieneguilla and evaluate potential PFAS sources.

- Conceptual Site Model and Current Understanding
- Next Steps
  - Monitoring Well Network
  - Plume Characterization
  - Santa Fe River and Septic Study

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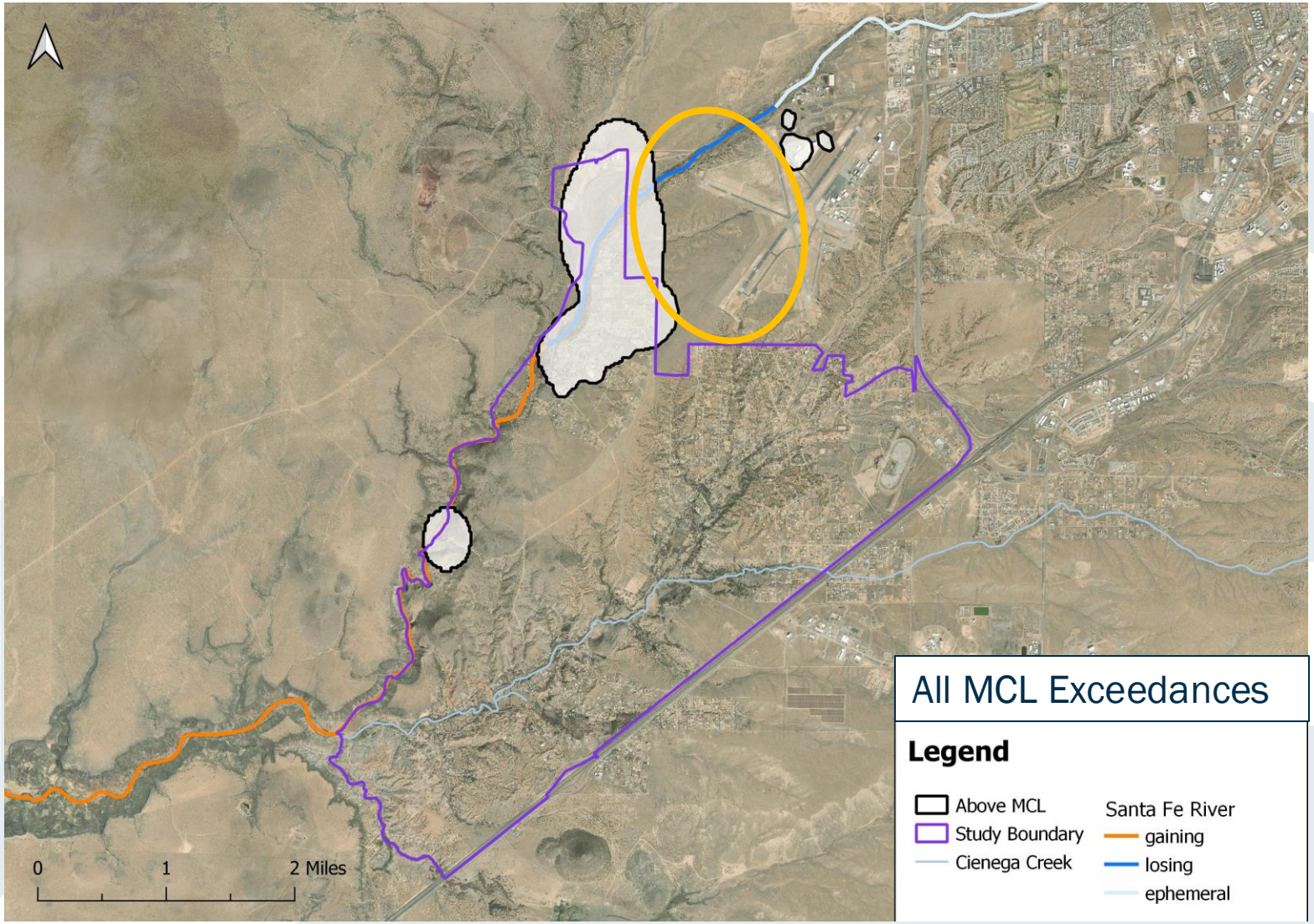
Conceptual Site Model

- Potential PFAS Sources (soil and groundwater):
  - Reported PFAS
    - Aqueous film-forming foam (AFFF) at Army National Guard's Aviation Support Facility (AASF) – flow from perched to regional aquifer
    - Leachate from biosolids and soils
    - Wastewater effluent along losing reaches of SF River
  - Possible unreported PFAS
    - Septic tanks
    - Santa Fe Regional Airport
    - Stormwater runoff
    - Other unknown sources



PFAS Distribution

- Areal extent of total PFAS – 2025 data
- Maximum Contaminant Level (MCL) Exceedances
- Orange oval indicates area needing analysis to understand PFAS mitigation and potential remediation criteria

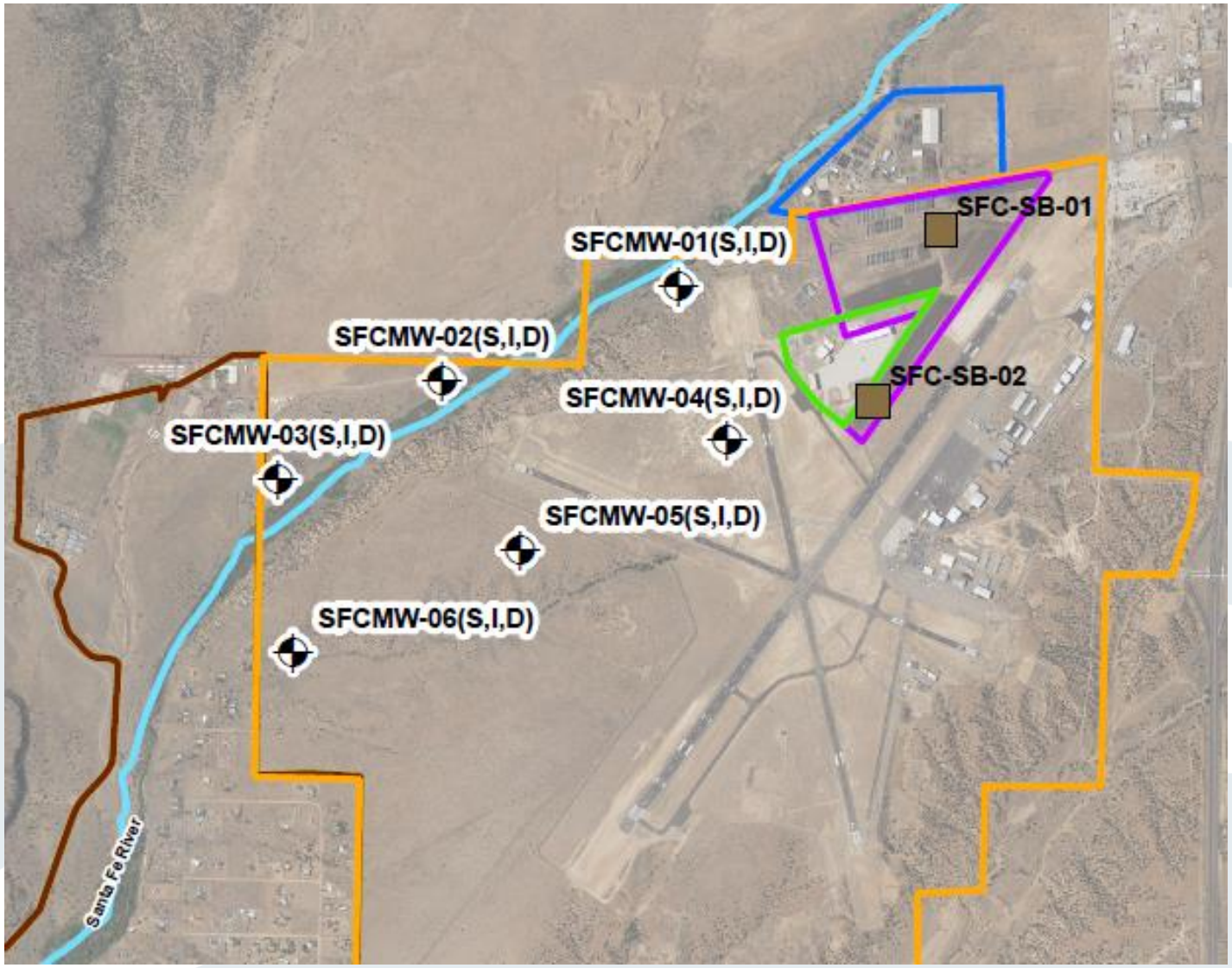


Monitoring Well Network

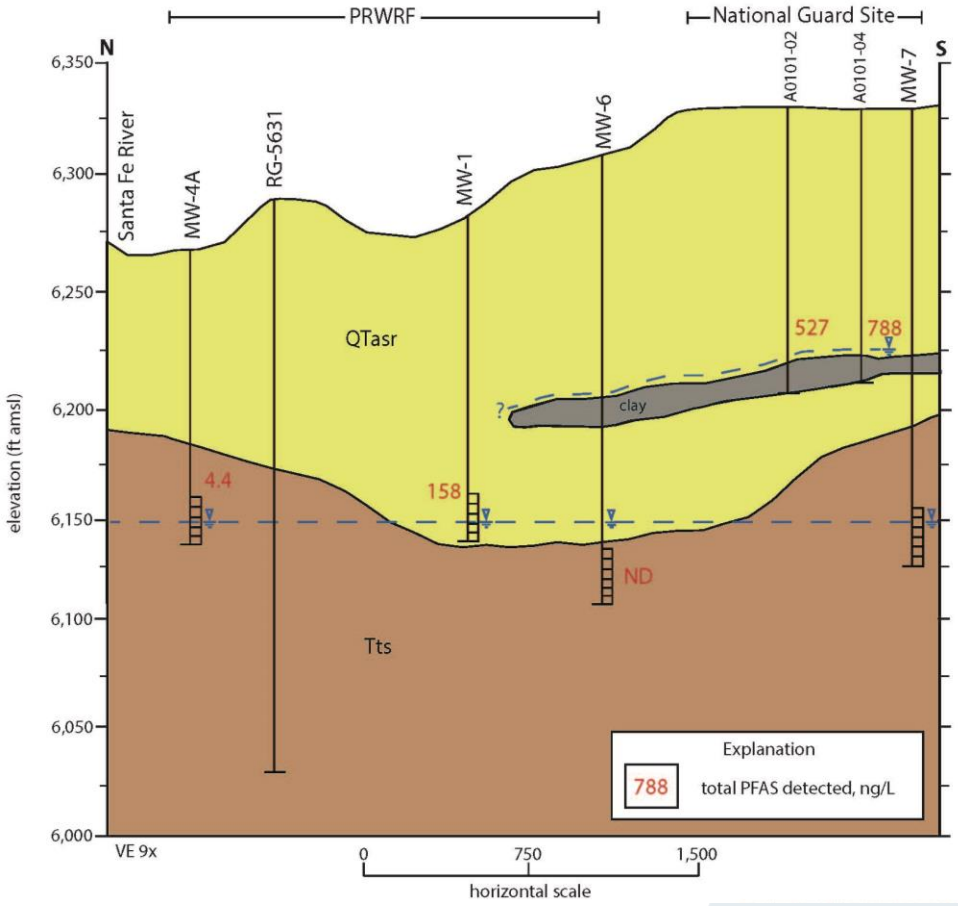
- Santa Fe Airport
- Santa Fe River

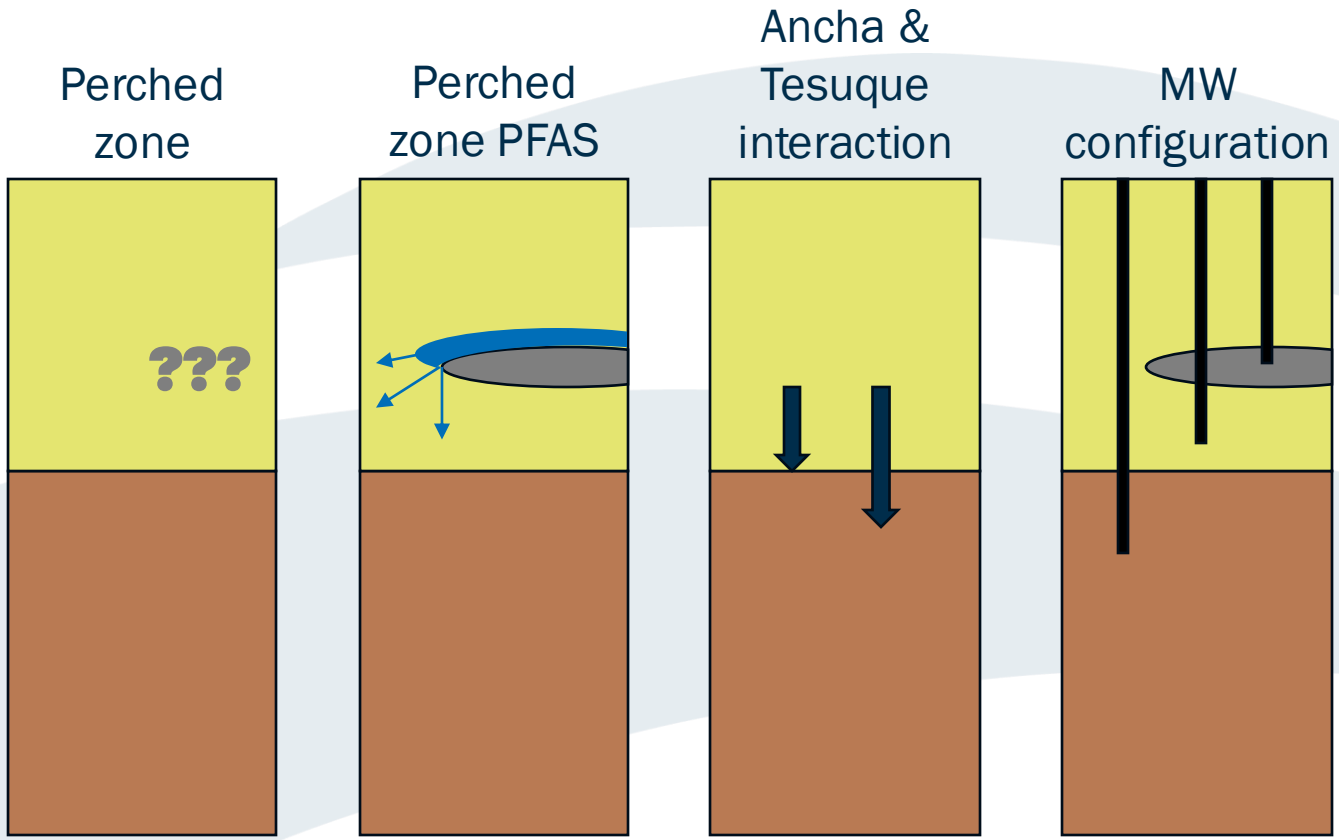
- 3 locations in each area
  - 3 monitoring wells per location targeting:
    - Perched zone* (S)
    - Ancha (I)
    - Tesuque (D)

  * - if present



Monitoring Well Network





Monitoring Well Network

- Access granted through MOA
- Current step – OSE Permits
- Survey field work completed per grant requirements
- Drilling ~6 weeks



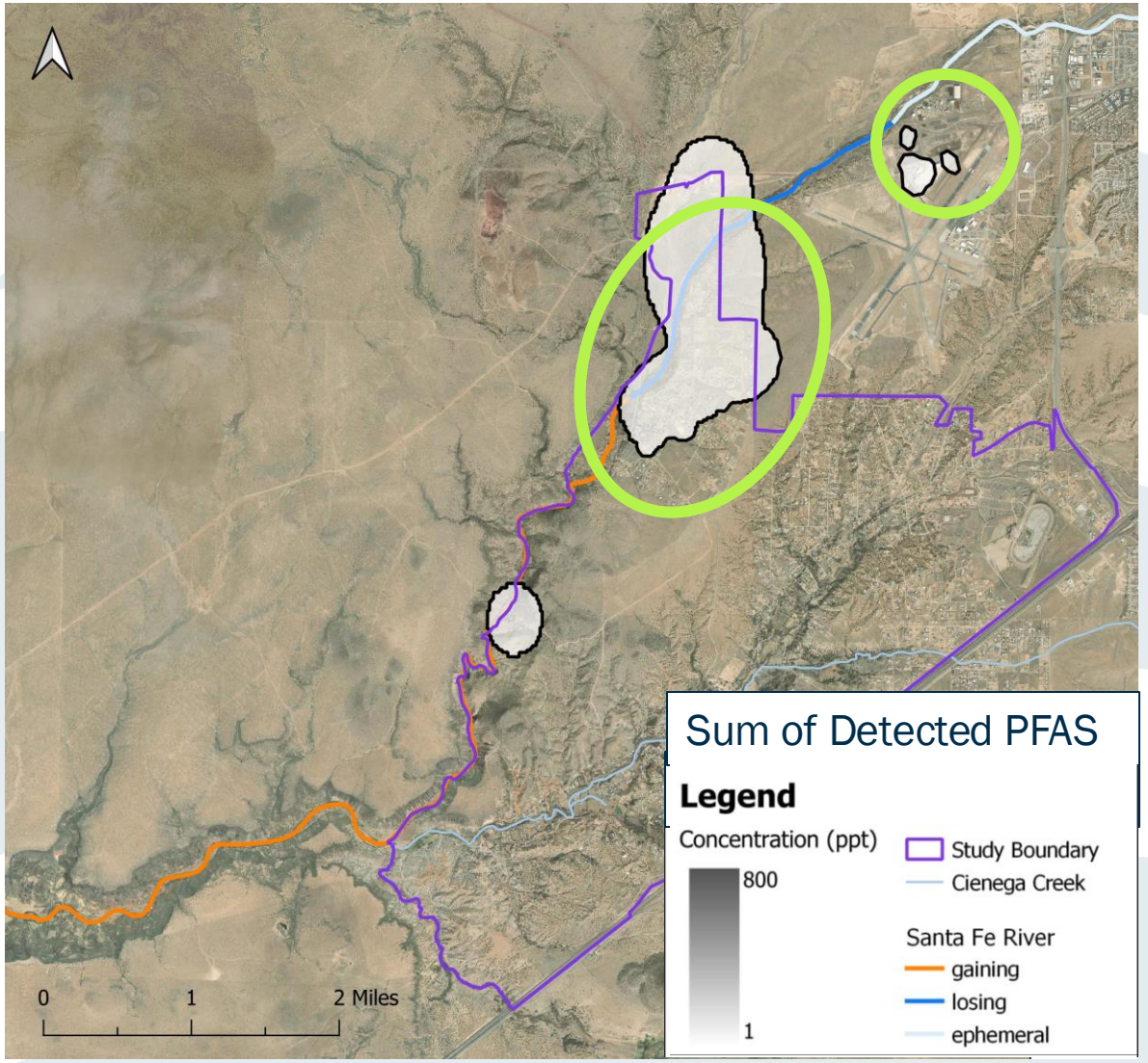
Plume Characterization and Migration

Quarterly sampling of domestic drinking water wells

- Plume movement
- Seasonal variation
- Q3 sampling complete – pending results

Soil Borings at PRWRF

- Remediation evaluation need
- Potential surface and groundwater impact
- To be completed during MW installation



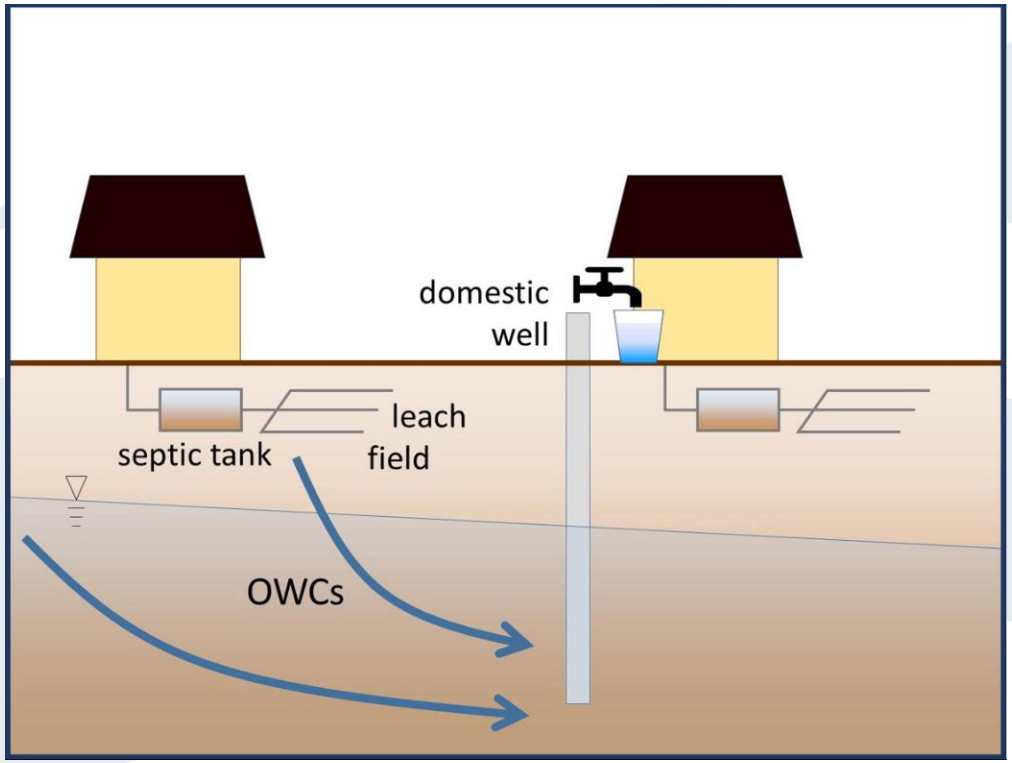
Santa Fe River and Septic Study

Santa Fe River/Western Well Sampling

- Existing well west of La Cieneguilla
- Surface water and sediment sampling in the Santa Fe River
- Dates pending

Septic Study

- Samples collected at domestic drinking water well and septic system
- Understand impact of septic usage on PFAS contamination
- Dates pending



OWC - Organic wastewater compounds

Questions and Discussion

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