



Former Titan 1-A Missile Facility

Restoration Advisory Board Meeting #1

Formerly Used Defense Sites (FUDS) Project

FUDS Project #J09CA1108-01

March 26, 2024



U.S. ARMY



**US Army Corps
of Engineers®**

Presentation Overview

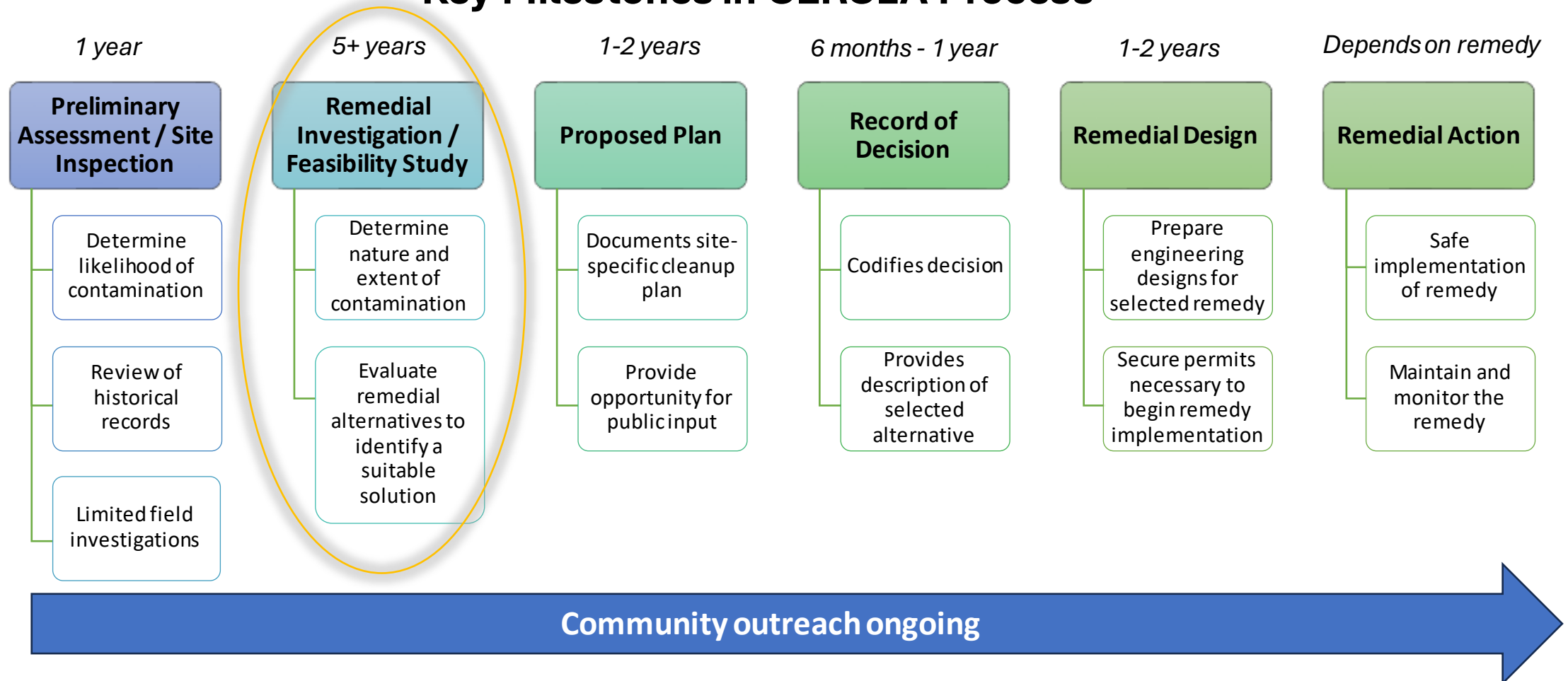
- CERCLA Process
- Titan 1-A Site Work to Date
- 2024 Activities
- RAB Participation
- Q&A



CERCLA Process

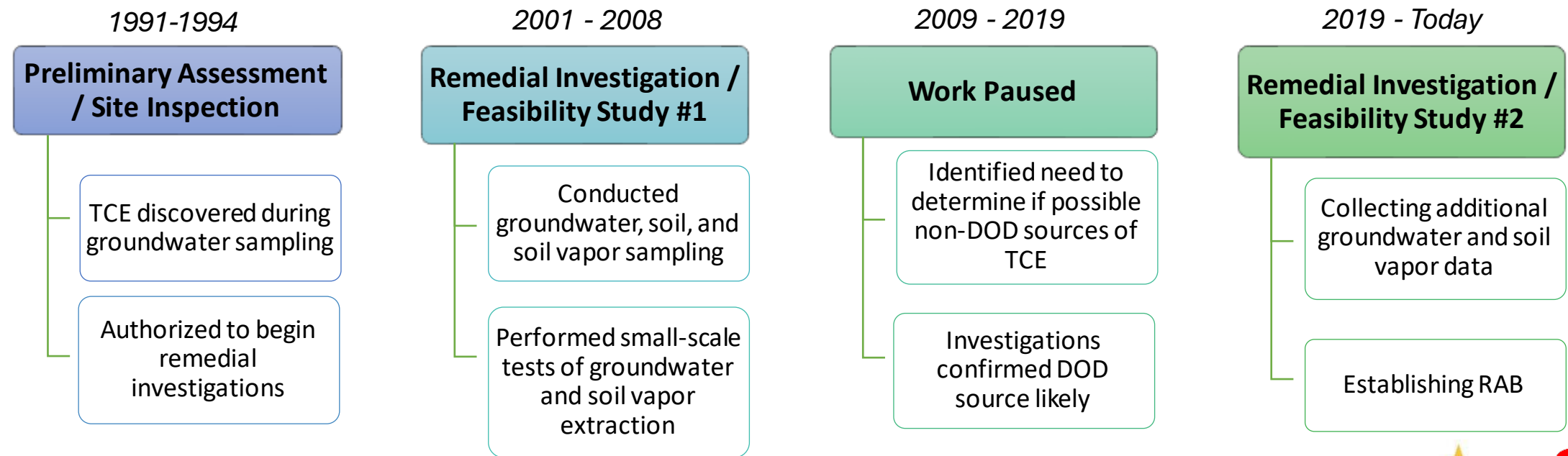
- FUDS projects must proceed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the Defense Environmental Restoration Program (DERP) Manual, and ER 200-3-1 FUDS Program Policy

Key Milestones in CERCLA Process



Titan 1-A Site – Work to date

- Current work is focused on trichloroethene (TCE) in soil vapor and groundwater potentially released by the Dept. of Defense (DOD)
- Investigations are conducted in a methodical, iterative process following CERCLA
- Data collected to date suggests nearby residences are not being exposed to TCE vapors and there is no immediate danger to surrounding communities
- Additional investigations planned for 2024 to determine full extent of contamination

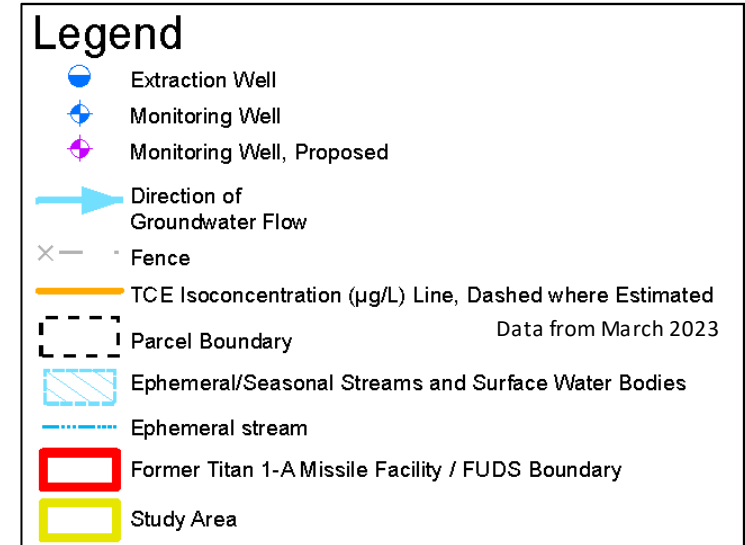
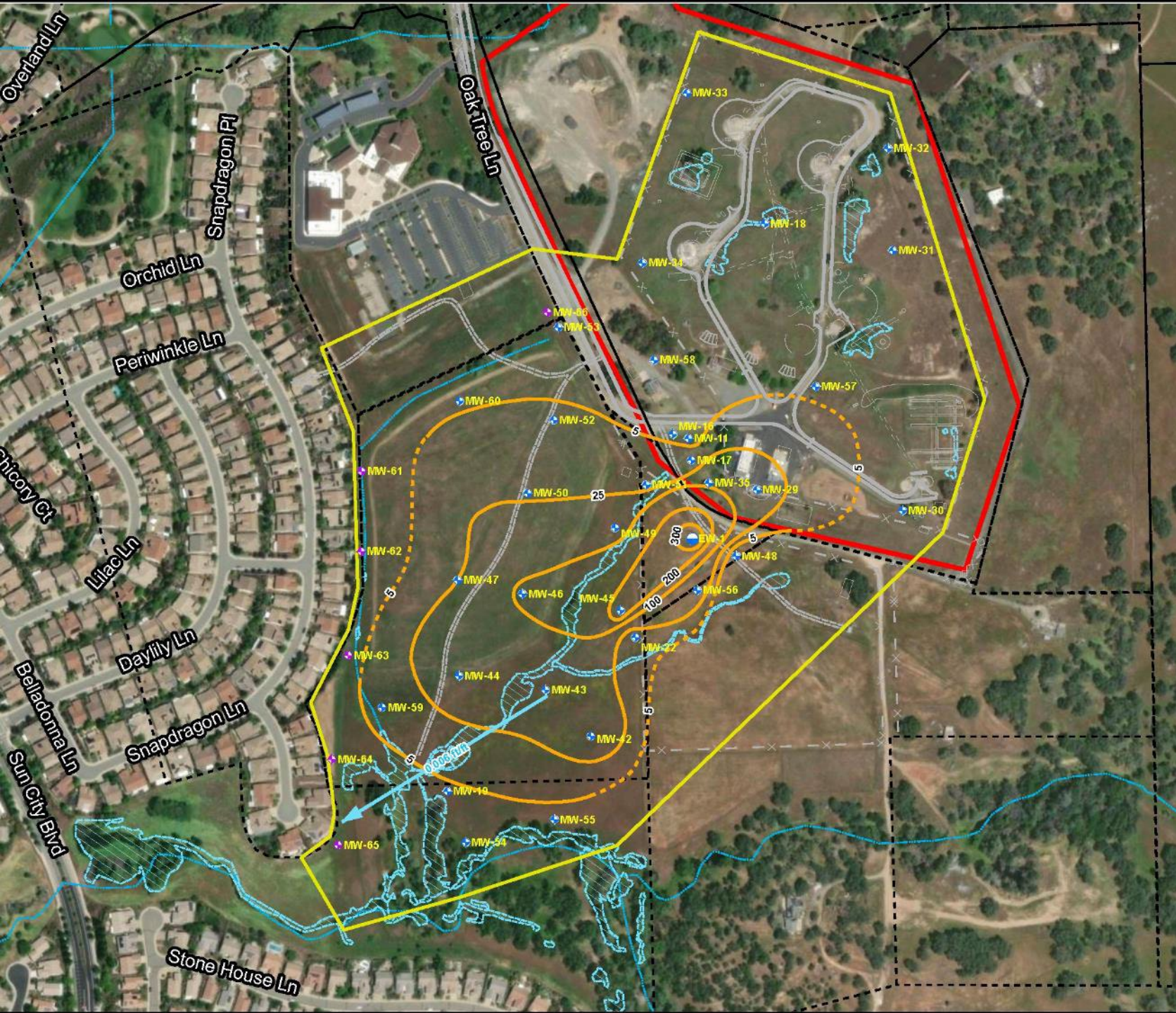


Work Planned for 2024

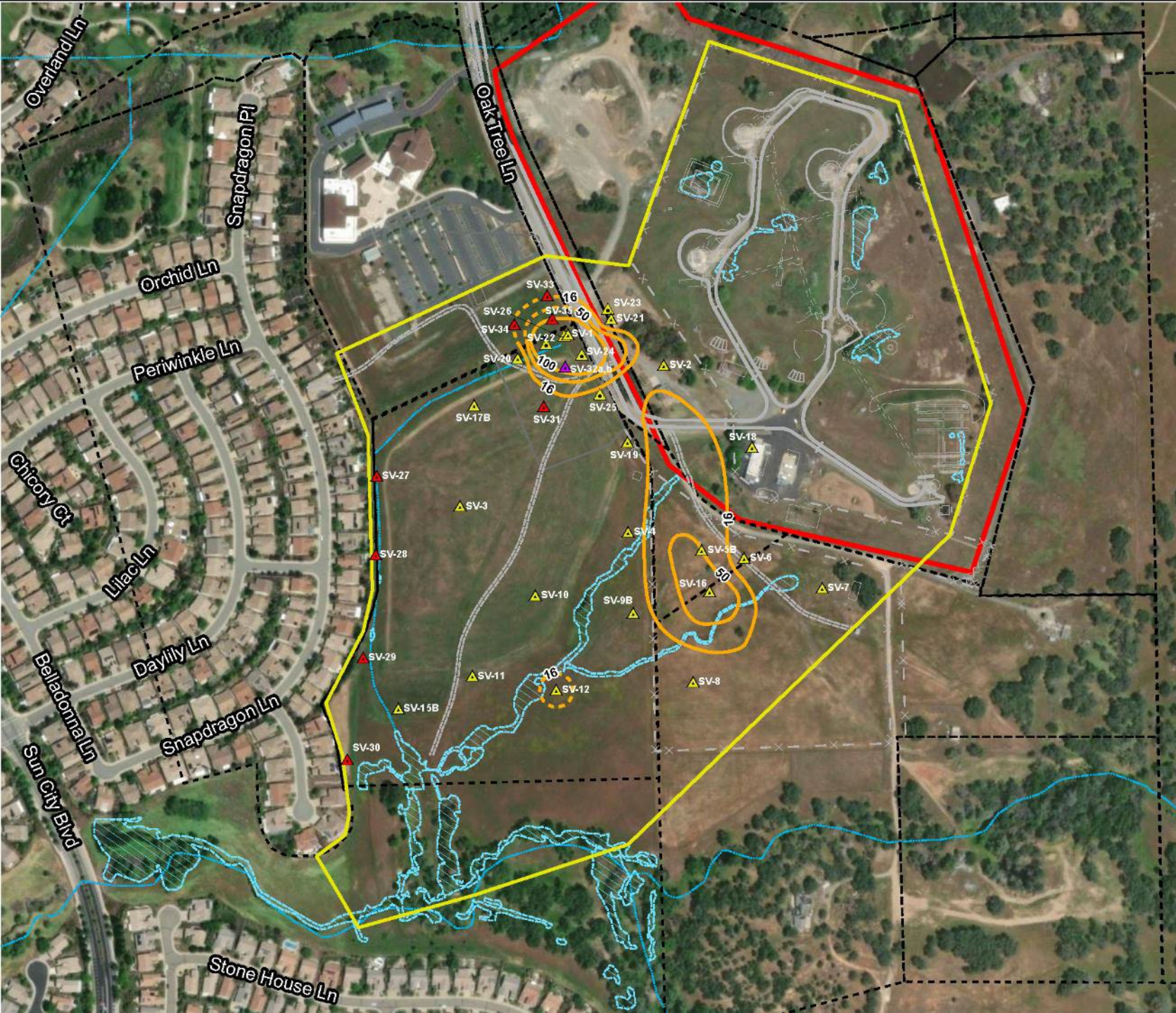
- Finalize Sampling Work Plan
- Install new soil vapor probes and groundwater monitoring wells and collect samples semi-annually in 2024 to better define the lateral extent of contamination
- Prepare and finalize Remedial Investigation Report
- Prepare and finalize Treatability Study Work Plan and conduct treatability study
- Develop Remedial Action Objectives (RAOs), which define the conditions to achieve Response Complete
- Identify and evaluate potential technologies and mechanisms to meet RAOs
- Incorporate above into Feasibility Study to evaluate remedial alternatives



Proposed 2024 Groundwater Sampling Locations



Proposed 2024 Soil Vapor Sampling Locations



Legend

- ▲ Soil Vapor Probe
- ▲ Soil Vapor Probe, Proposed
- ▲ Soil Vapor Probe, Proposed nested
- × — Fence
- TCE Isoconcentration line ($\mu\text{g}/\text{m}^3$), dashed where inferred
Data from March 2023
- Parcel Boundary
- ▨ Ephemeral/Seasonal Streams and Surface Water Bodies
- Ephemeral stream
- ▭ Former Titan 1-A Missile Facility / FUDS Boundary
- ▭ Study Area

RAB Participation

- USACE currently investigating TCE in groundwater and soil vapor
- RAB feedback needed on the following in 2024:
 - Semi-Annual Sampling reports
 - Treatability Study Work Plan
 - Remedial Investigation Report
 - Feasibility Study
- Other types of releases have previously been investigated



Communications



Scan the QR code above to
visit the project webpage



Scan the QR code above to
visit the GeoTracker webpage

- **Quarterly RAB Meetings**
 - RAB to review documents/provide input and act as a conduit of communications to the community
 - Presentations and RAB minutes will be posted on the website
- **Project Webpage:** www.Titan1ACleanup.com
- **GeoTracker Webpage:**
https://geotracker.waterboards.ca.gov/profile_report?global_id=T0606189198

