



## **PUBLIC NOTICE FACT SHEET**

### **Former Titan 1A Missile Facility**

### **401 Oak Tree Lane, Lincoln, Placer County**

#### **BACKGROUND**

In 1962, the United States Air Force (USAF) completed construction of the Titan 1A missile facility at 401 Oak Tree Lane in Lincoln, CA (the "Site", see Figure 1). The Site consisted of 160-foot-deep missile silos along with underground and aboveground features. In 1968, the USAF dismantled the facility and sold the property to Placer County. Before transferring the property, all underground and aboveground features were removed except for the missile silos, which are now filled with water. After buying the Site, the County used part of the property as a corporation yard and operated a firing range on another part of the property. Though the firing range was closed in 1999, the corporation yard is still in use.

The United States Army Corps of Engineers (USACE) accepted responsibility for environmental restoration activities at the Site as part of the Defense Environmental Restoration Program's Formerly Used Defense Sites (FUDS) program. Placer County is responsible for the investigation and cleanup of the former firing range. Both the USACE and Placer County have conducted extensive monitoring at the Site under the oversight of the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board). This monitoring shows contamination from trichloroethene (TCE) and lead. TCE was used by the Air Force as a degreaser to clean aviation and rocket parts. The lead is from the County's firing range.

#### **SITE CHARACTERIZATION**

Since 1991, the USACE has collected groundwater, soil, and soil gas samples across the Site to assess the extent of contamination (Figure 2 shows current results). The primary chemicals of concern are TCE and its breakdown product, cis-1,2-dichloroethene (cis-1,2-DCE). The contamination extends from the Site to the southwest beneath adjacent properties on Oak Tree Lane. Data collected from 2002 to present show that TCE and cis-1,2-DCE in groundwater are relatively stable and not moving. According to the Central Valley Water Board's review of existing data, current residents are not exposed to contaminated groundwater since the groundwater is not pumped to the surface and there are no drinking water wells in the area. In addition, TCE and cis-1,2-DCE in soil gas is not present under existing buildings, and current residents are not at risk from breathing these vapors.

State Water Resources  
Control Board

**E. Joaquin Esquivel,**  
*Chair*

Central Valley Regional  
Water Quality Control  
Board

**Mark Bradford,** *Chair*

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Between 2001 and 2004, the USACE operated a groundwater extraction and treatment system at the Site that pumped out polluted groundwater, removed the contaminants from the water, and discharged the cleaned water to a nearby surface drainage. Based on the results of that cleanup effort, further groundwater extraction and treatment was found to be technically and economically infeasible. USACE is evaluating other options for additional treatment for soil gas and groundwater.

### **FUTURE ACTIONS**

To address TCE and cis-1,2-DCE, USACE is working to complete a Remedial Investigation/ Feasibility Study (RI/FS) phase and have collected information and data to complete their assessment of the remedial actions necessary to protect human health and the environment. A public draft of the RI/FS remediation proposal will be under review by the Central Valley Water Board later this year. Placer County has plans to excavate the lead contaminated soil that exceeds residential criteria at the former firing range to ensure protection of future land uses.

Recreational and residential zoning is planned for the former missile facility. Land use covenants (aka deed restrictions) are currently in place to make sure that property owners do not drill drinking water wells into potentially contaminated groundwater, and to ensure that vapor protection building standards apply to buildings constructed where vapor intrusion is a concern. Central Valley Water Board staff will continue to review the data and development plans to ensure that effective cleanup and abatement efforts are completed and that residents are not put at risk.

The USACE has also requested that interested parties participate in a Restoration Advisory Board (RAB). Information regarding RAB participation can be found using the information below.

### **FOR MORE INFORMATION**

Additional information is available on the State Water Resources Control Board GeoTracker website at [https://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0606189198](https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606189198) and the case file, which is available for review at the Central Valley Water Board office in Rancho Cordova. To make an appointment for a file review, please call (916) 464-3291.

Please contact Kyle Cockerham with the Central Valley Water Board if you have any comments/questions regarding the Former Titan 1 A Facility, or any of the information in this Fact Sheet:

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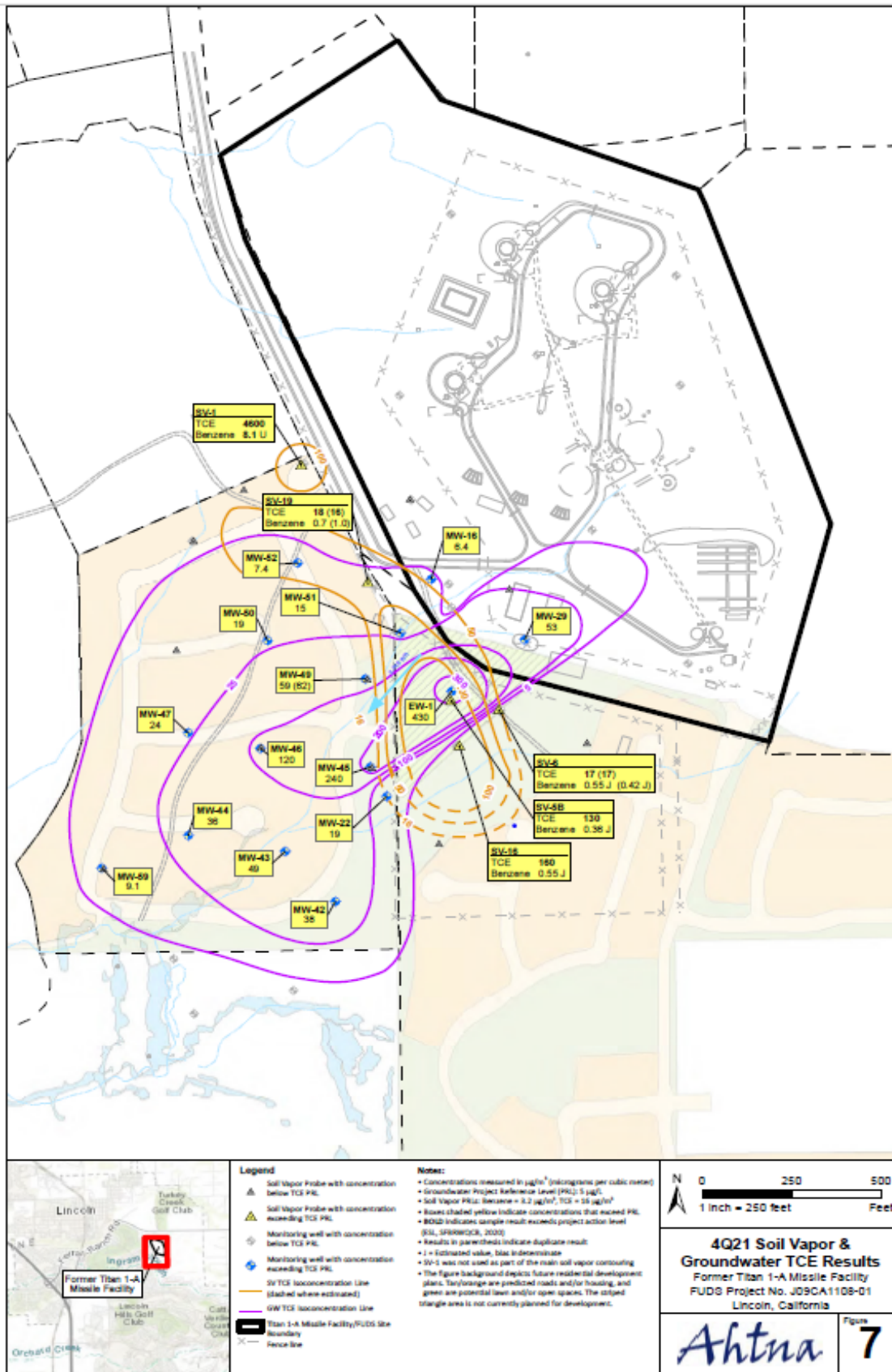
### **Notice to the Hearing Impaired**

TDD users can obtain information about the Site by using the California State Relay Service (800) 735-2929 to reach the Public Participation Specialist. Ask them to contact the Central Valley Water Board at (916) 464-3291 regarding the proposed "No Further Action" determination for the Former Titan 1 A Facility.

Figure 1 – Site Location Map



Figure 2 – December 2021 Soil Vapor and Groundwater Trichloroethene (TCE) Results



Source: November 2022, Fourth Quarter 2021 Groundwater and Soil Vapor Monitoring Report, Beale Air Force Base (AFB), Former Titan Missile Facility, Prepared by Ahtna Environmental, Inc for the United States Army Corps of Engineers, Sacramento District.