



Former Titan 1-A Missile Facility

Restoration Advisory Board Meeting #3

Formerly Used Defense Sites (FUDS) Project

FUDS Project #J09CA1108-01

October 24, 2024



U.S. ARMY



**US Army Corps
of Engineers®**

Agenda

- Roll Call
- Action Item: Approval of RAB #2 Meeting Minutes
- Update on RAB Procedures
- Group Reports
- Presentation from Robert Fagerness, CVWB
- Presentation from Eric Findlay, Placer County
- Public Comment Period
- RAB Closing Comments
- Adjourn Meeting



RAB Procedures Update

- **What is a RAB Meeting?**

This is a forum to exchange information in an open and interactive dialogue concerning FUDS activities at the former Titan 1-A site in Lincoln, CA, between USACE, representatives from local communities, and other interested agencies. These are open meeting where the public is invited to attend.

- **Who are represented on the RAB?**

USACE, Representatives of surrounding communities, CVRWQCB.

- **What is the purpose of the RAB?**

The RAB is a community resource to help ensure transparency regarding the FUDS program and USACE remedial activities and provides committed representatives who serve on behalf of the community to provide research, review, and advice on USACE actions.



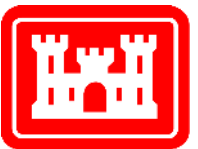
RAB Procedures Update

Meeting Procedures:

- This is a Restoration Advisory Board meeting, not a public meeting. RAB will progress through an approved agenda following a structure similar to that of a City Council or other governmental meeting.
- Informational briefs are presented to RAB members, who will have the opportunity to ask questions and provide comments during the presentation portion of the agenda.
- This meeting is open to the public; however, public comments and questions will be limited to the public feedback portion of the agenda.
- Attendees will have the option to address the board for a total of three minutes. You may also submit written questions or comments. This is not a Question & Answer period, and questions/comments may not be addressed during tonight's meeting.
- RAB Meeting Agenda, Meeting Minutes, and Video Recording will be published to the USACE Titan 1-A project web page for future viewing.



Community Update



USACE Update



Tasks Completed

- Submitted Remedial Investigation Report to Water Board
 - Received Water Board comments
- Submitted Treatability Study Work Plan to Water Board
- Prepared Spring Semi Annual Monitoring Report
- Prepared Feasibility Study



Tasks Planned for 2024/2025

- Finalize Spring Semi-Annual Sampling Report
- Conduct Fall Semi-Annual Sampling Event (October)
- Prepare and Finalize Fall Semi-Annual Sampling Report
- Finalize Remedial Investigation Report
- Finalize Treatability Study Work Plan
- Conduct Treatability Study



USACE Update

- Remedial Investigation
- Feasibility Study
- Proposed Plan
- Record of Decision
- Remedial Design / Remedial Action



Board Presentation

Central Valley Regional Water Quality Control Board (CVWB) Overview

Presented by Robert Fagerness, P.E., Water Resources Control Engineer





GAVIN NEWSOM
GOVERNOR



YANA GARCIA
SECRETARY FOR
ENVIRONMENTAL PROTECTION

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD (CENTRAL VALLEY WATER BOARD)

TITAN 1A AND RELATED OVERSIGHT



Central Valley Water Board – Who We Are

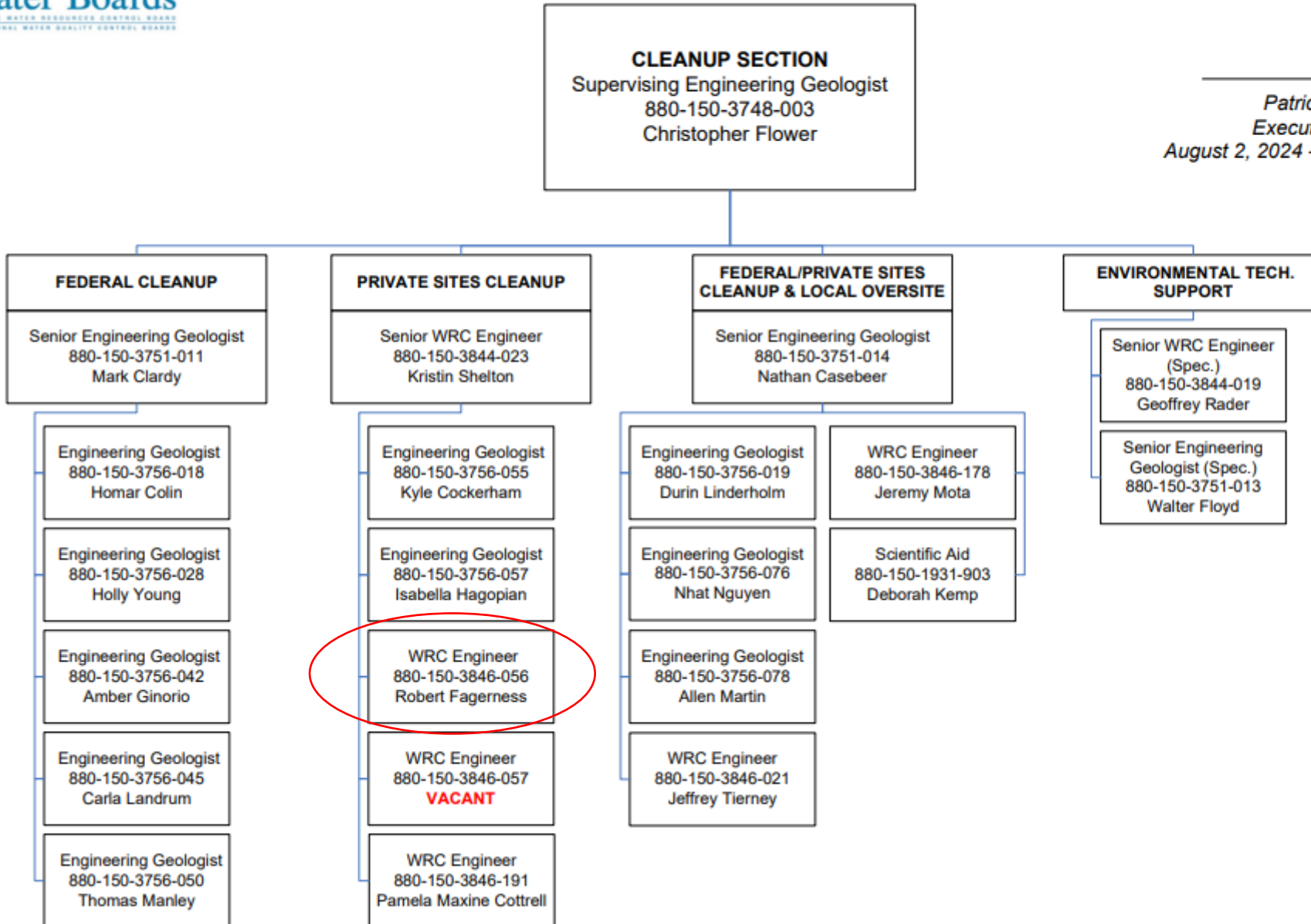


CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD REGION 5 – SACRAMENTO [RANCHO CORDOVA], CENTRAL VALLEY

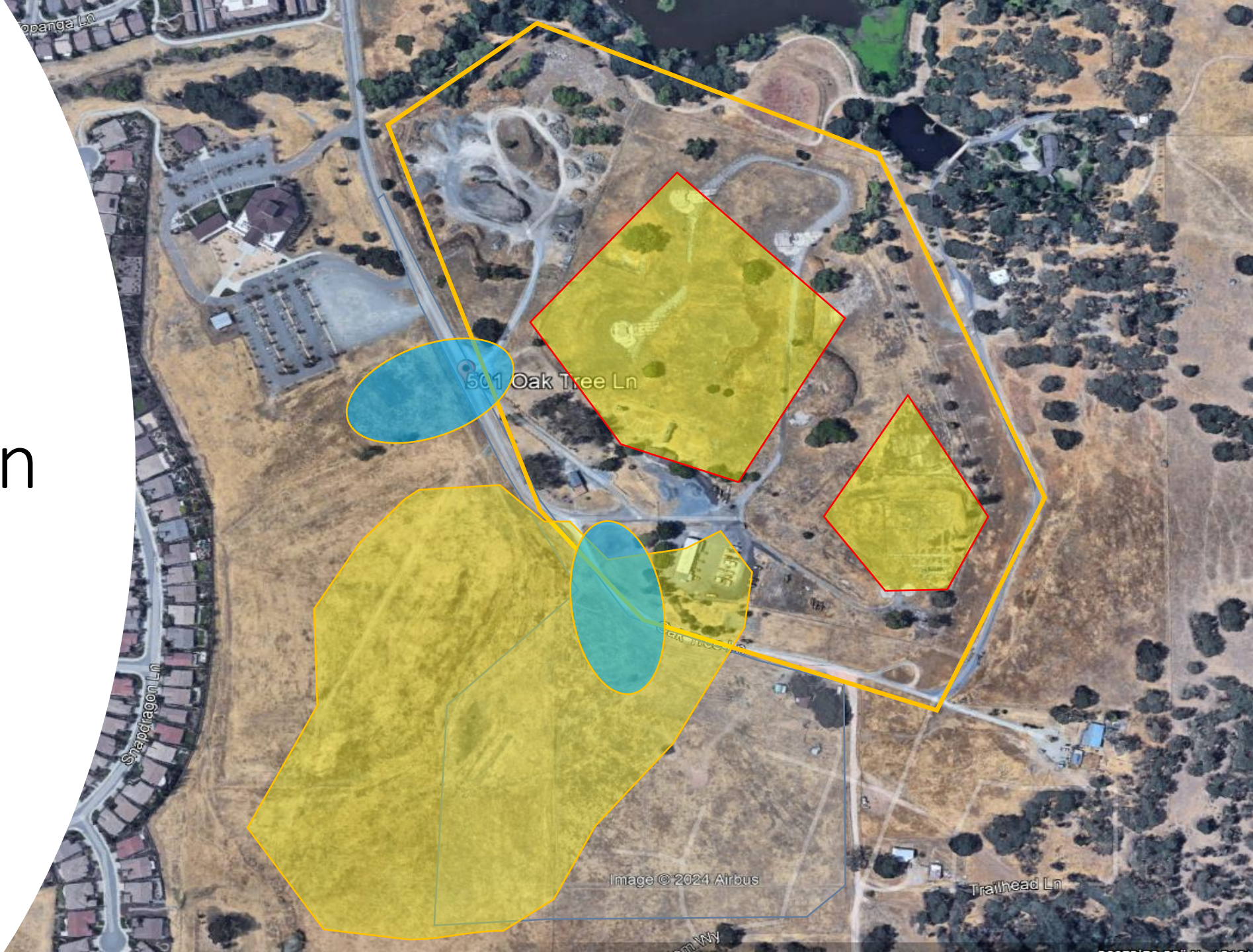


Gavin Newsom
Governor

Patrick Pulupa
Executive Officer
August 2, 2024 - September 1, 2024



Areas Associated with Lincoln Hills



Former Titan 1-A Missile Facility

- Formerly used Defense Site (FUDS)
- Oversee work by USACE on behalf of DoD
- Review reported soil vapor and groundwater contamination monitoring
- Review and provide comments on Technical Documents
 - Draft Remedial Investigation (RI) - Sept 2024
 - Draft Treatability Study Quality Assurance Protection Plan – Oct 2024
 - Final RI – Nov/Dec 2024
 - Draft Feasibility Study (FS) - 2025
 - Proposed Remedial Design/Remedial Action - 2027

Former Placer County Gun Ranges

- Former Pistol Range and Skeet Range – Closed in 1999
- Have impacted surface soils on-site with lead shot and clay pigeon debris (other related contamination)
- Remedial Action Plan (RAP) completed in 2023
- Work Plan forthcoming Fall 2024
- Remedial Action to begin 2025

Hidden Hills Development

- Management required to develop near hazardous waste site.
- Portions of deep utilities run through known contamination areas and require management and mitigation.
- Land use covenants (LUCs) in place to allow residential and recreational development that is protective of human health.
- Priorities
 - Do not allow existing contamination to migrate as result of development.
 - Be protective of future land use scenarios.
 - Development does not hinder future Titan 1A restoration activities.

Who Pays?

- Private Site Cleanup is a Cost Recovery Program
- Responsible and/or impacted parties pay for our oversight
 - Titan 1-A Oversight: Department of Defense
 - Shooting Range Oversight: Placer County
 - Hidden Hills Development Oversight: Century Communities



Tools

Reports

UST Case Closures

How to Use GeoTracker

ESI

Information



BEALE AIR FORCE BASE - TITAN 1A (T0606189198) - (MAP)

[SIGN UP FOR EMAIL ALERTS](#)

401 OAK TREE LANE
LINCOLN, CA
PLACER COUNTY
MILITARY CLEANUP SITE (INFO)
OPEN - SITE ASSESSMENT AS OF 10/2/2017 - DEFINITION
[ASSOCIATED ENVIROSTOR PROJECTS](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
CENTRAL VALLEY RWQCB (REGION 5S) (**LEAD**) - CASE #: 169-51
CASE MANAGER: [ROBERT FAGERNESS](#)
DEPARTMENT OF TOXIC SUBSTANCES CONTROL - CASE #: 100525

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Regulatory Profile

[PRINTABLE CASE SUMMARY](#)

MILITARY BASE

[BEALE AIR FORCE BASE - TITAN 1A](#)

CLEANUP STATUS - DEFINITIONS

OPEN - SITE ASSESSMENT AS OF 10/2/2017 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN

TRICHLOROETHYLENE (TCE)

POTENTIAL MEDIA OF CONCERN

AQUIFER USED FOR DRINKING WATER SUPPLY, OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)

FILE LOCATION

REGIONAL BOARD

DESIGNATED GROUNDWATER BENEFICIAL USE(S) - DEFINITIONS

MUN, AGR, IND, PROC - Note: R5 BP- all gw same except Royal Mtn MUN dedesig.

DWR GROUNDWATER SUB-BASIN NAME

CALWATER WATERSHED NAME

American River - Foothill Drain - Auburn (514.22)

Deed Restrictions / Land Use Restrictions / Covenants

	DATE RECORDED	SITE MANAGEMENT REQUIREMENTS
[VIEW COVENANT]	7/8/2018	SEE LAND USE CONTROL DOCUMENT

Site History

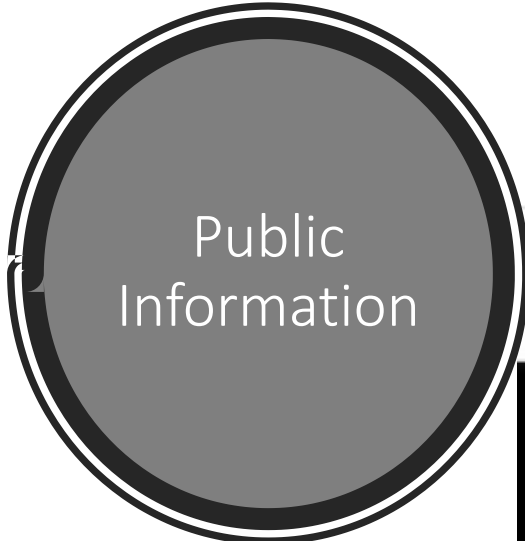
The facility was constructed in 1961 and operated from 1962 to 1965 by the U.S. Air Force. It consists of an underground intercontinental ballistic missile launch control facility. Domestic wastewater was pumped to a septic tank followed by an oxidation pond before discharging to the ground surface. Trichloroethene (TCE) was used to clean oxygen lines. Groundwater has been impacted by TCE which appears to have originated in the area of the current County Cooperation Yard. The source of the TCE is believed to be solvent used to clean liquid oxygen piping that was discharged to the ground. The

[REVIEW OF 4TH QUARTER 2022 GROUNDWATER AND SOIL VAPOR MONITORING REPORT](#)

STAFF LETTER

KYLE COCKERHAM
(REGULATOR)

5/30/2023



Public Information

In Summary

- The CVWB is a multi-sectional state regulatory agency
- The CVWB regulates multiple projects potentially impacting Human Health or the Environment near Lincoln Hills
 - Titan 1-A
 - Former Placer County Gun Ranges
 - Development near or at contaminated areas
- Keep Responsible Parties Accountable
- Address concerns raised by residents and/or RAB
- Provide resources for public information

Questions?



Board Presentation

Placer County/Titan 1-A Coordination

Presented by Eric Findlay, Placer County Real Estate Services Manager





Public Comments/Questions

Please state your name and any pertinent affiliation. Thank you.

You have 3 minutes



RAB Closing Comments



Meeting Adjourned

Thank you for attending today's Restoration Advisory Board Meeting.

For more information on the U.S. Army Corps of Engineers Titan 1-A FUDS cleanup project please visit our project web page at

<https://www.spk.usace.army.mil/Missions/Military-Projects/FUDS/Titan-1-A-Missile-Site/>

