

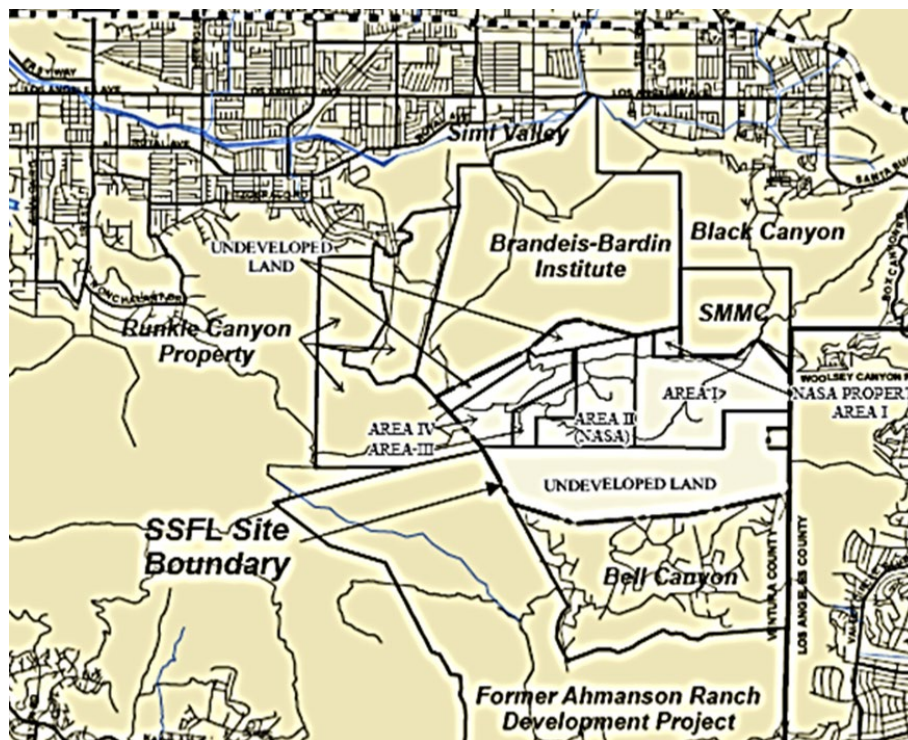
Santa Susana Field Laboratory Status Report – October 2024

This update summarizes investigation and cleanup activities performed at the Santa Susana Field Laboratory (SSFL) under oversight of the California Department of Toxic Substances Control (DTSC) in October 2024 and scheduled activities for November 2024. Links for documents added by DTSC during this reporting period are provided throughout this Status Report. All other documents and additional resources are available on [DTSC's Document Library for SSFL on the DTSC website](#) or [DTSC's EnviroStor database](#) and [Document Archive](#) (click Document Archive tab).

Project Location and Overview

The SSFL is located 30 miles northwest of downtown Los Angeles in southeastern Ventura County, near the crest of the Simi Hills at the western border of the San Fernando Valley. As a former rocket engine test and nuclear research facility, the 2,849-acre SSFL cleanup is overseen by DTSC as the lead regulatory agency. The Boeing Company (Boeing), United States Department of Energy (DOE), and National Aeronautics and Space Administration (NASA), are the Responsible Parties for the SSFL cleanup.

Figure 1 – SSFL and Surrounding Area



Summary of SSFL Activities

Boeing

Work Completed in October 2024

- Boeing submitted the [31st Monthly Progress Report for the Former Shooting Range](#), where continued vegetation removal and excavation are being conducted in support of the Imminent and Substantial Endangerment (ISE) Order.
- Boeing submitted the [29th Monthly Progress Report for the Area I Burn Pit \(AIBP\)](#), where continued vegetation removal and excavation activities are being conducted in support of the ISE Order.
- [DTSC issued a letter](#) to Boeing granting an extension for the Groundwater Corrective Measures Study (CMS) Report. The revised Groundwater CMS is due to DTSC on January 6, 2025.
- [DTSC and Los Angeles Regional Water Board issued comments](#) on the Boeing [Per-and Polyfluoroalkyl Substances Results Report \(PFAS\) Summary Report](#).
- [DTSC issued comments](#) on the joint [Sitewide Summary of Groundwater Investigations Report](#).

Scheduled Activities for November 2024

- Boeing will continue Bedrock Vapor Extraction (BVE) and Soil Vapor Extraction (SVE) pilot study activities at Component Test Laboratory III (CTL-III) and Instrument and Equipment Laboratory (IEL), respectively.
- Boeing will continue excavation at the Former Shooting Range. Soil waste transportation off the site will continue in November.
- Boeing will continue excavation activities at the AIBP. Soil waste transportation off the site will continue in November. [Air monitoring data from the AIBP](#) is being posted on DTSC's SSFL website on a weekly basis.
- DTSC will continue to work with Boeing to develop an updated sampling plan for the 2024 Sitewide Water Quality Sampling and Analysis Plan (WQSAP).

DOE

Work Completed in October 2024

- [DTSC issued comments](#) on the joint [Sitewide Summary of Groundwater Investigations Report](#).

- [DTSC issued an approval](#) of [DOE's Final Groundwater Risk Assessment for Area IV](#).
- DOE submitted the [First Quarter 2024 Groundwater Sampling of Area IV Wells \(Former Sodium Disposal Facility & Hazardous Materials Storage Area\)](#).

Scheduled Activities for November 2024

- DTSC will continue its review of the DOE 2023 Annual Groundwater Monitoring Report.
- DTSC will continue its review of the Draft Assessment of Burro Flats Fault and North Fault Influence on Corrective Measures Alternative Selection.

NASA

Work Completed in October 2024

- NASA continued their groundwater Enhanced In-Situ Bioremediation (EISB) Study.
- NASA continued Bedrock Vapor Extraction (BVE) Pilot Study activities at the Alfa Area RFI site. An estimated 4,000 pounds of trichloroethene (TCE) have been removed since the pilot study system began operating February 12, 2023.
- [DTSC issued comments](#) on the joint [Sitewide Summary of Groundwater Investigations Report](#).
- [DTSC approved](#) the [Human Health and Ecological Risk Assessments for NASA Areas of Impacted Groundwater](#).
- NASA submitted the [EISB Pilot Study Monitoring Report for October 2023 – March 2024](#).
- [DTSC issued an approval email](#) for [NASA's BVE Implementation and 6-month Monitoring Report](#).

Scheduled Activities for November 2024

- NASA will continue EISB Study activities.
- DTSC will review the Alfa Test Stand 2 Corrective Measures Implementation (CMI) Data Gap Well (ND-160) Installation Technical Memorandum.
- DTSC and the LA Water Board will continue to review the Phase 1 Groundwater CMS.

- NASA will prepare and submit an updated sampling plan for the 2024 Sitewide WQSAP.
- DTSC will continue to review the revised Draft Focused Soil Cleanup Work Plan.
- DTSC will review the EISB Pilot Study Monitoring Report.

Air Monitoring

Work Completed in October 2024

- Boeing, DOE, and NASA continued sampling air monitoring systems for the Continued Air Monitoring (CAM) program.

Scheduled Activities for November 2024

- DTSC will continue reviewing the 2023 CAM Reports from Boeing, NASA, and DOE.

Laboratory Method Reporting Limits (MRL) and Backfill Source Studies

Work Completed in October 2024

- Boeing, DOE, and NASA continued to collect data following the DTSC approved Backfill/MRL Study Work Plan and Implementation Plan.

Scheduled Activities for November 2024

- Boeing, DOE, and NASA will continue to collect data following the DTSC approved Backfill/MRL Study Work Plans.
- DOE will collect onsite samples for the laboratory MRL study.
- Boeing and NASA will continue collecting samples from potential vendors for the backfill evaluation.

Groundwater Interim Measures (GWIM)

Work Completed in October 2024

- Operation of the Groundwater Extraction and Treatment System (GETS) has been temporarily suspended for the ongoing evaluation related to PFAS.
- The GETS includes Boeing and NASA wells: C-1, RD-01, RD-46A, HAR-18, HAR-07, ND-136, ND-138A, RD-04, RD-41B, RD-72, RD-84, and WS-09.
- DOE continued groundwater extraction, water level gauging, and sampling of wells RS-54, C-21, C-24, and C-29 in the Former Sodium Disposal Facility

(FSDF). These wells are continually pumped in 20-minute rotations during daylight hours using an automated system.

- DOE submitted the [First Quarter 2024 GWIM Status Report](#).

Scheduled Activities for November 2024

- DTSC will review the DOE First Quarter 2024 GWIM Status Report.

Public Outreach

Work Completed in October 2024

- DTSC issued the [SSFL Status Report for September 2024](#) and posted it to the [What's New page](#) of DTSC's SSFL website.
- DTSC continued to respond to general project inquiries.
- DTSC is preparing for the NASA Phase 1 Groundwater CMS public comment period. A community update and public notice will be issued prior to the public comment period.
- DTSC issued a [Community Update announcing Soil Smarts: DTSC's Interactive Learning Series on the Soil Cleanup at SSFL](#). The first workshop will be held online via Zoom. You can register for the November workshop [HERE](#).

Scheduled Activities for November 2024

- DTSC will draft, distribute, and post the SSFL Status Report for October 2024.
- DTSC will continue public engagement planning.
- DTSC will continue to respond to general project inquiries.
- DTSC will host the Soil Smarts Workshop #1 on November 20, 2024.
- DTSC will prepare to host the Soil Smarts Workshop #2 on December 10, 2024. To RSVP for the in person meeting that will be held in the DTSC Chatsworth Regional Office, click [HERE](#).