



Department of Toxic Substances Control



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SANTA SUSANA FIELD LABORATORY STATUS REPORT February 2011

The purpose of this update is to inform the community of activities that have occurred from January 20 through February 17, 2011 and activities that are expected to occur in the next 30 days.

Activities Completed:

Soil Investigations:

- Co-Located Chemical Sampling: DTSC/DOE continue to oversee soil chemical sampling activities that are co-located with the US EPA's radiological soil sampling activities at Area IV of SSFL. This work is being conducted as part of the Administrative Order of Consent between DOE and DTSC.
- Field activities for soil sampling will be ongoing, and we will near completion of subarea 5B and start sampling in subarea 5A. Analytical data generated from the sampling efforts are undergoing data validation. The Method Detection Limit Study will commence.

Groundwater Investigations: No New Updates

Chemical Background Study:

- Stakeholder (TWG) Meeting. DTSC held the February 10, 2011, meeting wherein candidate laboratory proposals for method detection and reporting limits were presented and discussed along with information updating the status of the chemical soil background study.

Feasibility Study: No New Updates

Building Demolition: No New Updates

Interim Source Removal Actions:

- DTSC participated in weekly project calls involving review and approval of soil confirmation sample results from the remaining 2010 ISRA soil excavation areas. As of February 11, 2011. ISRA project completed backfilling, re-contouring, and Best Management Practice (BMP) erosion control construction. ISRA 2010 field work conducted at Boeing ISRA areas resulted in ~6200 cubic yards of soil being excavated and ~285 confirmation samples collected. NASA 2010 ISRA activities excavated ~280 cubic yards of soil and collected ~25 confirmation samples.

Permits:

- On February 3, 2011, The Boeing Company (Boeing) submitted a permit modification notification letter for Boeing and National Aeronautics and Space Administration (NASA) post-closure permits. The Class 1* (with prior approval) permit modifications will amend the closure plans for eight inactive groundwater treatment units. DTSC provided revised public notice text and the facility mailing list to Boeing and NASA for their use to issue the public notice. The public notices will be sent to addresses on the facility mailing list and published in two local papers during the week ending February 11, 2011.

Public Outreach:

- On January 26, 2011, DTSC met with the Santa Susana Field Lab (SSFL) Public Participation Group (PPG) to discuss groundwater and hydrogeology at the SSFL site. Information was presented by Mr. Tom Seckington, DTSC Sr. Engineering Geologist. This was followed by a discussion of the methods of public engagement which was facilitated by Mr. Lewis Michaelson of Katz and Associates. The mission of the PPG is to provide DTSC with broad-based, informed and timely community input on reports, findings, plans, and draft decision documents that DTSC deems is necessary to conduct timely and effective remediation of hazardous contamination at the site for which it has oversight.

Activities Proposed for the Next 30-days:

Soil Investigations:

- DTSC staff are reviewing documents summarizing cleanup activities performed in 2008-2010 in the former Rocketdyne Employee Shooting Range at SSFL, to evaluate if the cleanup requirements of DTSC's November 2007 Imminent and Substantial Endangerment (ISE) Order for the area have been met. DTSC is performing this evaluation in conjunction with the LA Regional Water Control Board (RWQCB) and the California Dept. of Fish and Game, both of whom also have cleanup orders for the area. The formal request for termination of the ISE was submitted to DTSC in December 2010, and a final decision is expected in March, 2011.

Groundwater Investigations: No New Updates

Chemical Background Study:

- Lab Selection. Based on the labs' proposals, securing the lab services is expected by early March.
- Fieldwork – Sampling Locations. Selecting the proposed sample locations is currently planned for three consecutive weeks beginning mid-March.
- Final Sampling & Analysis Plan (SAP). DTSC will finalize the study's approved SAP and post it to the SSFL website.

Feasibility Study:

- DTSC anticipates submitting review comments on the Feasibility Study Workplan in March 2011
- DTSC anticipates submitting review comments on the Treatability Study Workplan in March 2011

Building Demolition: No New Updates

Interim Source Removal Actions:

- Boeing and NASA will complete ground-based topographic survey of 2010 ISRA excavation areas and continue preparation of the Phase II (2010) ISRA Implementation Summary Report. Weekly team project calls will continue and address permanent BMP structure design in Area B1-2 and in Lower Parking Lot Soil Stockpile area.

Permits:

- In late March 2011, DTSC anticipates issuing decisions for Class 1* permit modifications to post-closure permits for The Boeing Company (Boeing) and the National Aeronautics and Space Administration (NASA) to amend the closure plans for eight inactive groundwater treatment units. The Class 1*

permit modification notification was submitted on February 3, 2011, by Boeing for both post-closure permits.

Public Outreach:

- On February 23, 2011, DTSC will host meeting with the Santa Susana Field Lab (SSFL) Public Participation Group (PPG) to discuss the project timeline and upcoming technical milestones.
- On March 3, 2011, DTSC will host a meeting with the SSFL Technical Work Group to discuss the Administrative Order of Consent between DTSC and the Department of Energy (DOE). The meeting will be held in the DTSC Chatsworth Office from 1:00pm – 3:00pm.
- Groundwater U, an educational series sponsored by DOE, NASA, and Boeing, in cooperation with DTSC will begin in March 2011. The series is designed to help interested stakeholders prepare to review upcoming technical documents that will be available for public review and comment. Lectures will be held at 6:30pm on the following dates: March 8, March 15, April 5, April 28, May 5, and May 19. To register, please go to <http://groundwateru1.eventbrite.com>.
- On March 23, 2011, DTSC will host a meeting with the SSFL PPG in the DTSC Chatsworth Office. The agenda will be announced at a future date.
- DTSC continues to work on updating the SSFL Web site. A page dedicated to the SSFL PPG is currently in development and is expected to be available to the public by the end of February 2011.

U.S. EPA Electronic Newsletter for SSFL

The U.S. EPA has developed an electronic newsletter to provide the community with information regarding their work on the SSFL site. The newsletter also offers information about ways in which community members can participate in EPA's work at SSFL. If you would like to be included on their distribution list, please contact David Cooper, EPA Community Involvement Coordinator, at (415) 972-3245 or cooper.david@epa.gov. If you know of someone who would like to be added to EPA's email distribution list, please let David know as well.