

Overview – Boeing Investigation Area

Boeing activities primarily included research, development, and testing for liquid fueled rocket engines and components (1950-2006)

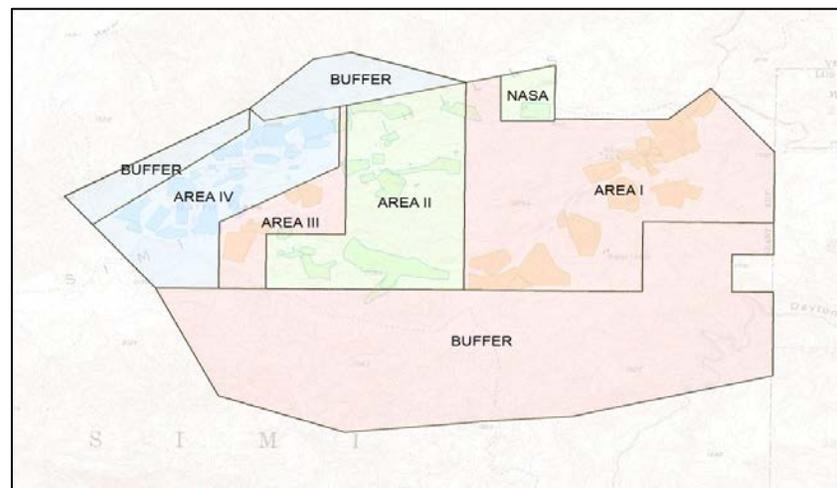
- Chemical contamination from operations is primarily solvents, fuels, metals
- Contamination from byproducts of those substances are also present

SSFL encompasses 2,850 acres. The Boeing investigation areas include 1,940 acres.

- Approximately 162 acres with 21 sites where operations occurred, and
- Approximately 1,780 acres not associated with operations.

DTSC is regulating Boeing's cleanup activities under the RCRA Corrective Action Process, under the Consent Order for Corrective Action signed in 2007.

Boeing Areas I, III and Southern Buffer Zone



Current Status

Surficial Media (Soils) Program

- Soil sampling field work is complete.
 - Over 7,500 soil samples and 650 soil vapor samples have been collected since 2012.
- Characterization RCRA Facility Investigation (RFI) Reports are in progress.
 - Nine (9) total report packages have been submitted to date. DTSC is reviewing the reports.

Shooting Range

- Originally planned field work is complete.
- Based on lead concentrations observed, a 1200-foot section of the Sage Ranch Loop Trail is closed, and the trail rerouted.
- Draft Shooting Range investigation report has been submitted to DTSC and reviewed.
- After reviewing the report, additional field work is necessary. DTSC is reviewing the Work Plan Addendum.

Groundwater Program

- Groundwater plumes exist sitewide. Evaluation of the sources of impact to each plume occurs at the site level. Groundwater plumes are then assessed sitewide.
- Boeing Groundwater RFI was submitted to DTSC in June 2017. DTSC is reviewing the report.
- Sitewide Groundwater RFI report in progress.
- Groundwater Interim Measures (GWIM).
 - Anticipate startup in April 2018.
- Treatability studies for groundwater cleanup.
 - Studies are complete, and the reports are in the review/revision process.

Upcoming Milestones

Surficial Media (Soils) Program

- Corrective Measures Studies for selecting cleanup remedies will begin after RFI reports and risk assessments are approved.

Shooting Range

- Stormwater best management practices are being updated and control of contaminant migration will be verified.

Risk Assessment

- Standardized Risk Assessment Methodology Work Plan was submitted by Boeing and reviewed by DTSC. DTSC's comments were sent to all the Responsible Parties.

Groundwater Program

- Anticipate Sitewide RFI Report Submittal in 2018.
- GWIM startup anticipated in April 2018.

DTSC Information:

DTSC web site:

http://www.dtsc.ca.gov/SiteCleanup/Santa_Susana_Field_Lab/ssfl_document_library.cfm

DTSC Contact:

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