



Santa Susana Field Laboratory Boeing Project Update

Background

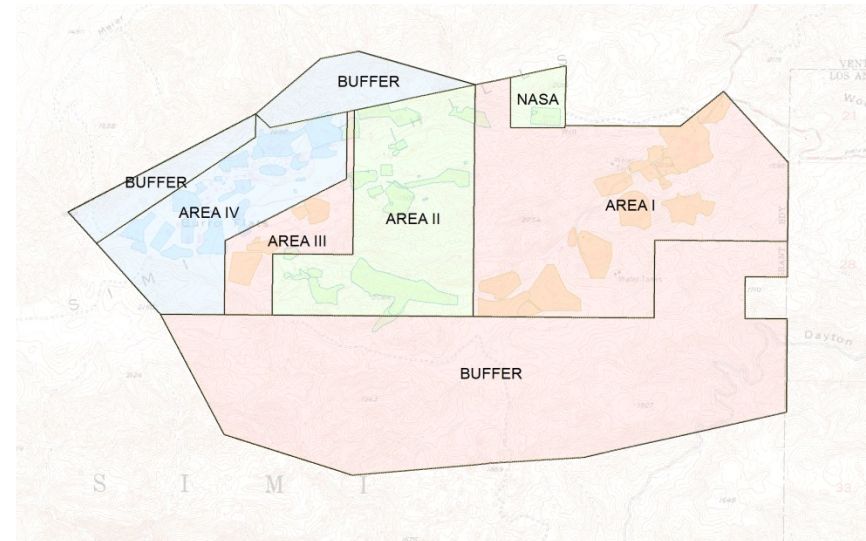
Boeing activities primarily included research, development, and testing for liquid fueled rocket engines and components (1950-2006)

- Chemical contamination from operations is primarily solvents, fuels, metals
- Also contamination from byproducts of those substances

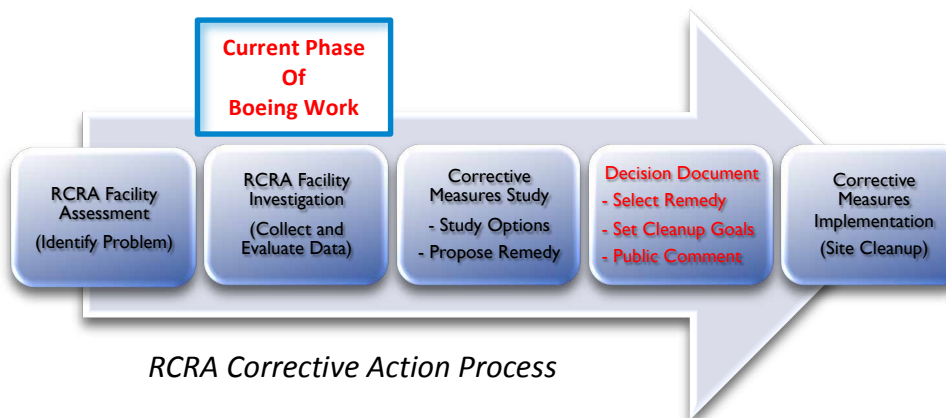
SSFL encompasses 2850 acres. Boeing investigation areas include 1940 acres. This includes:

- Approximately 162 acres with 21 sites where operations occurred, and
- Approximately 1780 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 at the
Santa Susana Field Laboratory
Areas I, III and Southern Buffer Zone*





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Progress Made

Surficial Media (Soils) Program

- Characterization soil sampling field work complete
 - Over 7,500 soil samples & and 650 soil vapor samples collected since 2012
- Characterization (RFI) Reports in progress
 - 9 multi-volume report packages scheduled
 - 2 report packages submitted in June & July of 2015
 - Under review by DTSC

Groundwater Program

- Source zone characterization work is at the individual site level, the sitewide groundwater program incorporates all sites
- Sitewide data gap work in progress
 - Four (4) additional groundwater wells being installed
- Treatability studies for groundwater cleanup
 - In-situ chemical oxidation testing in complete
 - Laboratory testing for biological reduction of VOCs in nearing completion

Upcoming Milestones

- Continue work on soil and source zone characterization
 - Evaluate data, submit more RFI Reports for DTSC review
- Continue to fill sitewide groundwater data gaps
- Groundwater Interim Measure
 - Construction Complete
 - Start-up late spring/early summer

DTSC Information:

DTSC Technical Documents

DTSC web site:

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

DTSC Contacts

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