

Boeing Status Update

Background

Boeing soil cleanup areas at SSFL include approximately 1940 acres.

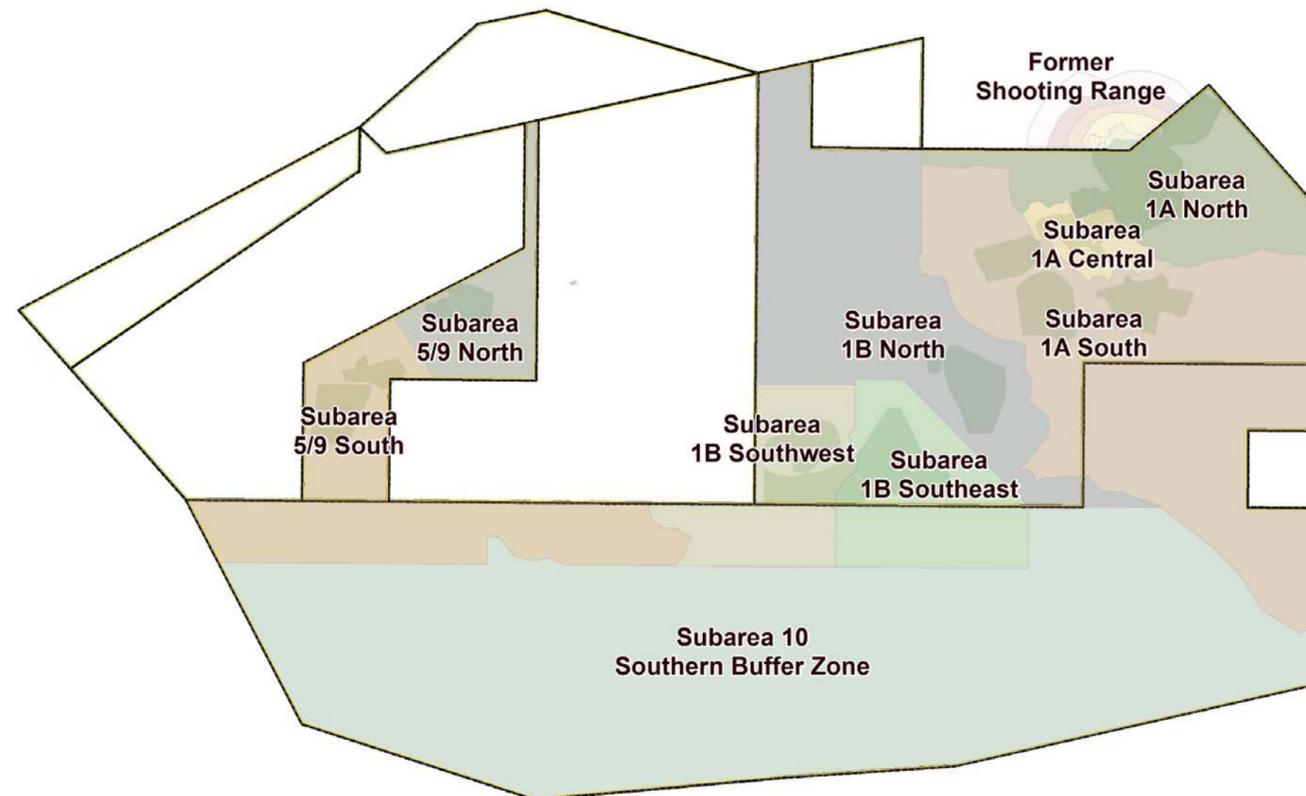
- 2850 total acres at SSFL
- 21 sites (covering approximately 162 acres)
- Former Shooting Range
- Southern Buffer Zone

Boeing activities were primarily 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

Boeing characterization program covers all Boeing areas

- A proximately 1800 acres not associated with operations were screened, and have been sampled where activities or soil disturbances are identified.



Current Status

Surficial Media (Soils) Program

- Characterization (RFI) Reports in progress
 - 9 multi-volume report packages in review with DTSC.

Groundwater Program

- Source zone characterization work is at the individual site level, the sitewide groundwater program incorporates all sites
- Sitewide Groundwater RFI Report in progress.
- Groundwater Interim Measures (GWIM)
 - Construction Complete
- Treatability studies for groundwater cleanup
 - In-situ chemical oxidation testing in complete. Report and responses to comments in review.
 - Report for laboratory testing for biological reduction of VOCs ongoing submitted and in review with DTSC.

Past Work

Surficial Media (Soils) Program

- Soil Sampling Field Work complete for all 30 soil sampling activities
 - Over 7500 soil samples and 650 soil vapor samples collected since 2012

Upcoming Work (Next 6 months)

Surficial Media (Soils) Program

- DTSC review of RFI Reports.
- Risk Assessment
 - Anticipate revision of the SRAM Addendum.

Groundwater Program

- Sitewide Groundwater RFI submittal in 2018
- Startup of GWIM anticipated April 2018