

STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

In the Matter of:)	Docket No. HSA-CO 10/11 - 037
Santa Susana Field Laboratory)	
Simi Hills)	ADMINISTRATIVE ORDER ON
Ventura County, California)	CONSENT FOR REMEDIAL ACTION
CAD000629972 (Boeing/DOE))	
CA3890090001 (Boeing/DOE))	
)	Health and Safety Code Sections
)	25355.5(a)(1)(B), 58009 and 58010
The United States Department of Energy)	
(Respondent))	

1.0. INTRODUCTION

1.1. Parties. The California Department of Toxic Substances Control (“DTSC”) and the United States Department of Energy, a federal agency (“DOE” or “Respondent”) (collectively “The Parties”) enter into the following Administrative Order on Consent (“Order”).

1.2. Site. This Order applies to two portions of the Santa Susana Field Laboratory Site (“SSFL”) known as Area IV and the Northern Buffer Zone, hereinafter referred to as the “Site.” The entirety of SSFL is located in the Simi Hills in southeastern Ventura County, as shown in Attachment A. The Simi Hills are bordered to the east by the San Fernando Valley and to the north by the Simi Valley. The SSFL is located approximately three miles south of the San Fernando Valley Freeway (118) and approximately five miles north of the Ventura Freeway (101).

detection limits for specific contaminants whose minimum detection limits exceed local background concentrations.

- Residual concentrations “not to exceed” local background concentrations i.e., if during site survey efforts or during confirmatory sampling the level of any constituent detected in a soil sample is above local background levels, step-outs will be taken to delineate the contamination and removed; soil above local background will not be averaged with other soil. This process should not be inconsistent with any guidance that EPA may issue pertaining to the practice of implementing a not to exceed local background cleanup approach.
- Cleanup to local background means removal of soils contaminated above local background levels
 - No “leave in place” alternatives will be considered
 - No on-site burial or landfilling of contaminated soil will be considered
- Backfill/replacement soils must not exceed local background levels
 - Onsite soils that do not exceed local background may be used as backfill/replacement soils
 - Offsite soils that have been verified to not exceed local background levels may be used as backfill/replacement soils
 - Backfill/replacement soils that are acceptable for use shall be verified as follows:
 - U.S. EPA for radioactive contaminants
 - DTSC for chemical contaminants
- Disposal of contaminated soils:
 - Soils contaminated with radioactive contaminants above local background to licensed low-level radioactive waste (LLRW) disposal site or an authorized LLRW disposal facility at a DOE site
 - Soils contaminated with chemical contaminants above local background:
 - Hazardous wastes to licensed Class 1 hazardous waste disposal facilities only
 - Non-hazardous waste to licensed Class 2 or subtitle D compliant Class 3 disposal facilities only
 - Mixed wastes (with radioactive and hazardous constituents) to go to a site licensed for mixed wastes or an authorized mixed waste disposal facility at a DOE site
 - In addition to meeting the above disposal requirements, all soils must also meet the waste acceptance criteria for the receiving facility.
- EPA to carry out the following: