



Department of
Toxic Substances
Control

*Preventing
environmental
damage from
hazardous waste,
and restoring
contaminated
sites for all
Californians.*

Fact Sheet, July 2006

You may comment on draft soil removal plan for the Area I Burn Pit at the Santa Susana Field Laboratory



Excavation area at the Area I Burn Pit

Introduction

DTSC is requiring the Boeing Company (Boeing) to dig up and remove an estimated 3,800 to 6,500 cubic yards of soil containing elevated dioxins and chromium at the former Burn Pit located in Area I (please see maps on the next two pages) of the Santa Susana Field Laboratory (SSFL). This work will reduce potential migration of dioxins, chromium and other chemicals from the Area I Burn Pit. You may read the proposal in the **Revised**



State of California



California
Environmental
Protection Agency

**You may send your comments on this draft workplan to us starting
July 12 through July 26, 2006**

Please send your comments to:

Peter Bailey, Project Manager
DTSC

8800 Cal Center Drive
Sacramento CA 95826

e-mail to PBailey@dtsc.ca.gov

The Interim Measures Workplan is available at
[www. dtsc.ca.gov/sitecleanup/projects/SantaSusana.cfm](http://www.dtsc.ca.gov/sitecleanup/projects/SantaSusana.cfm)
and in the public libraries listed on page four



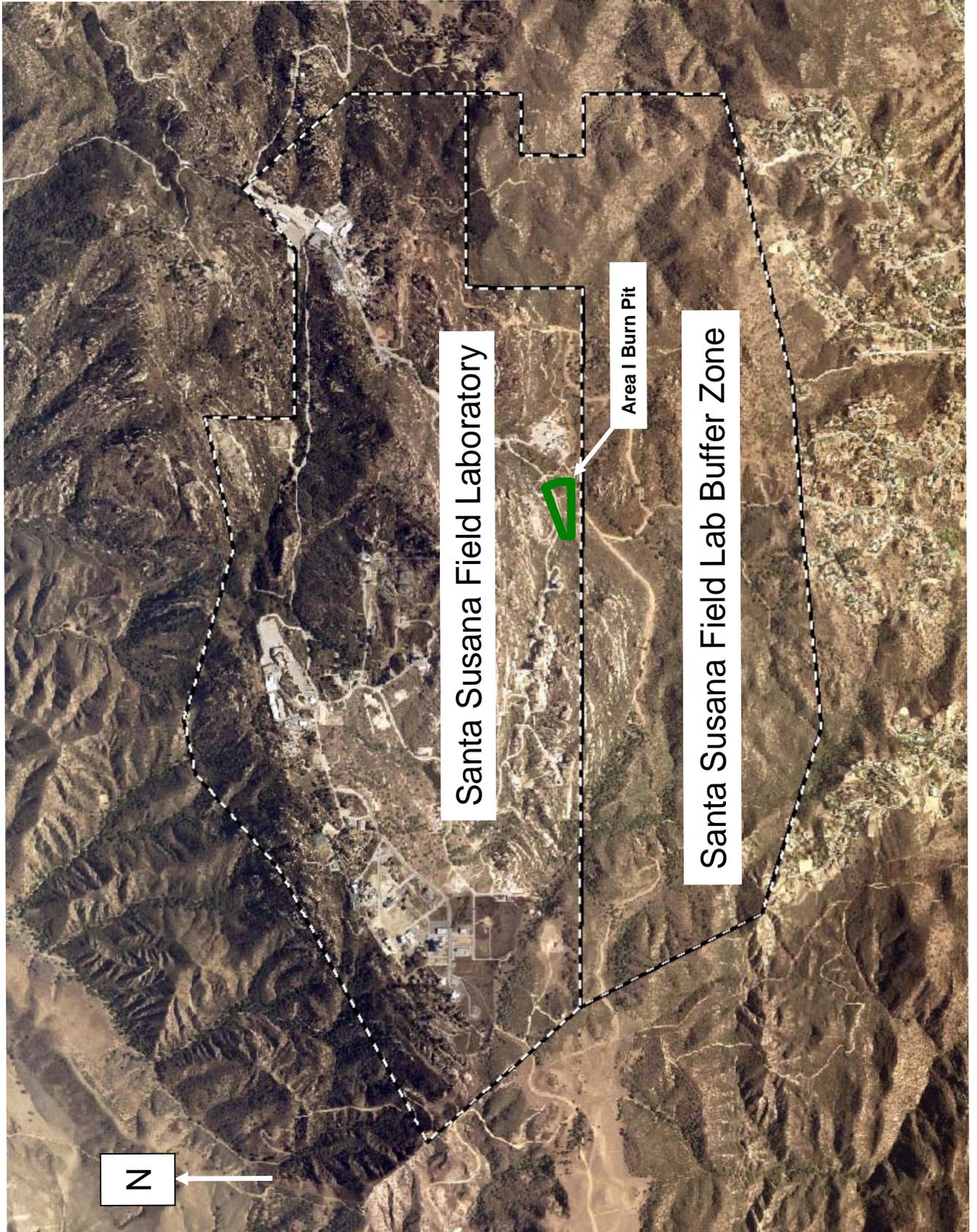


Figure 1: Santa Susana Field Laboratory

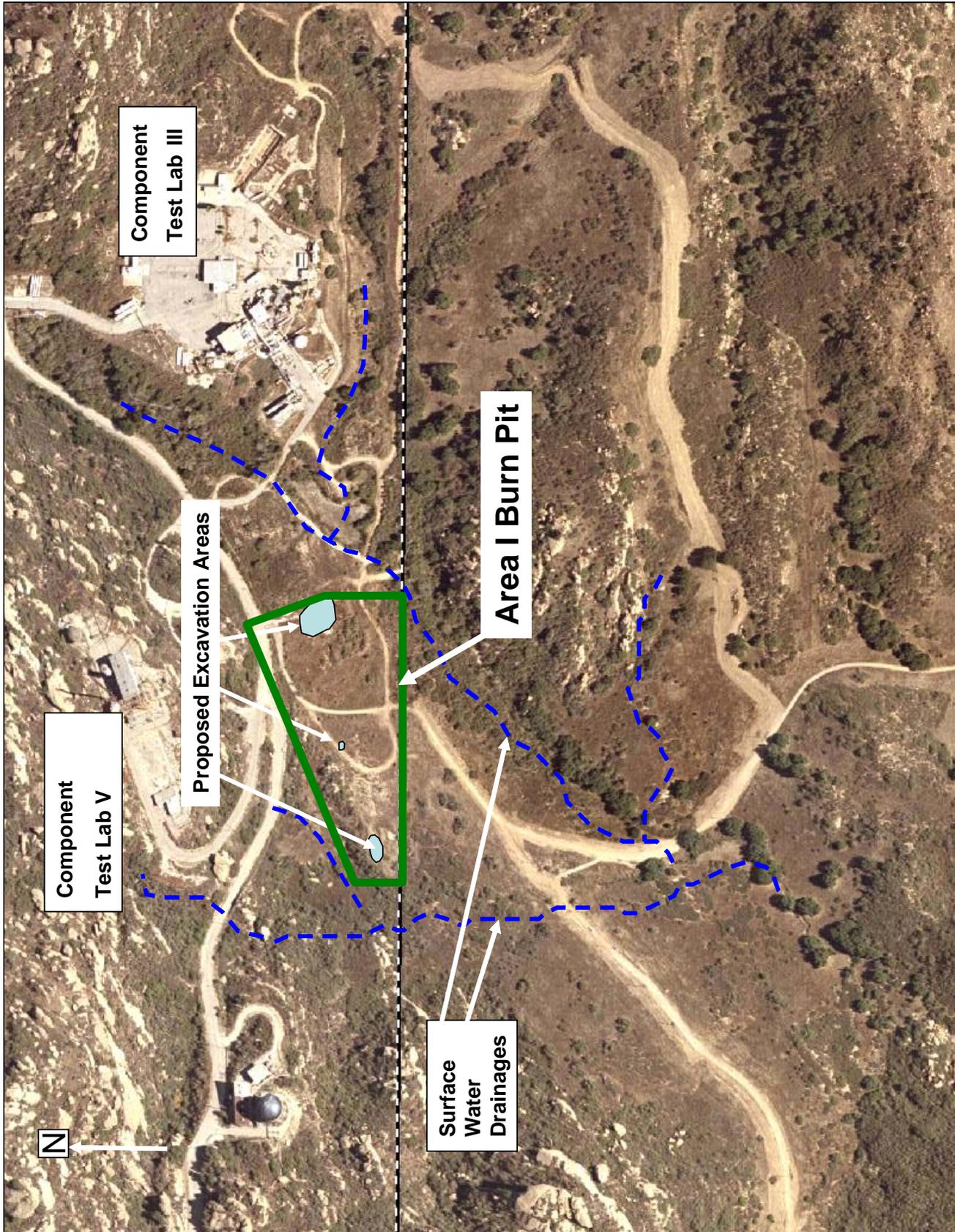


Figure 2: The Area I Burn Pit

Interim Measures Work Plan for the Area I Burn Pit - Solid Waste Management Unit (SWMU)

4.8, Santa Susana Field Laboratory available on our website (please use the web address listed in the box on page one) or at the information repositories listed below.

Background

The Area I former burn pit consisted of several earthen and concrete-lined ponds, a control center and two explosive storage sheds. Historically, SSFL used the concrete and earthen ponds to burn wastes. SSFL burned solvents and fuels generated from other areas at the SSFL. Santa Susana Field Laboratory operated the burn pits intermittently from about 1958 through the early 1980s.

Previous Soil Sampling

Boeing found elevated levels of dioxins in soil about 100 feet away from the drainage that leads to Outfall 1 in the southern part of SSFL. Outfall 1 is the southern outlet for storm water from SSFL and is located more than 3,000 feet away from the Area I Burn Pit. At the Earth Pond 2, in the southwestern corner of the Area I Burn Pit, sampling detected dioxins as high as 5,257 parts per trillion. Dioxins at this level are elevated and of concern. Also, elevated levels of trichloroethene (TCE), chromium, petroleum hydrocarbons, other petroleum byproducts, and perchlorate have been found in the Area I Burn Pit.

Is exposure to these chemicals possible?

Even though there are elevated levels of contaminants in the Area I Burn Pit's soil, there is no immediate risk to the public. SSFL is fenced and the former Area I Burn Pit is on vacant land where two concrete pads, burn pits, and two small buildings once existed. The Los Angeles Regional Water Quality Control Board has detected dioxins above discharge limits from Outfall 1. The potential for migration of dioxins to surface water drainage exists. Therefore, DTSC has required Boeing to remove the dioxin contaminated soil this summer before any further run-off can occur.

We Propose To Dig Up And Take Away The Contaminated Soil

The draft work plan proposes the following:

- Dig up contaminated soil from the ground surface up to seven feet below the ground surface in three major locations (please see the map on page three). In most areas, digging will be from the ground surface to about two feet below the ground surface.
- Use backhoes and loaders to place excavated soil on plastic in temporary stockpiles and cover with plastic until soil is sampled and classified for disposal in an off-site landfill.
- Use backhoes and loaders to place excavated soil, when its level of contamination is known, directly into dump trucks for disposal in an authorized off-site landfill.

You may review the documents at these locations:

California State University, Northridge

Attn: Robert Marshall (818) 677-2832
Urban Archives Center
Oviatt Library, Room 265 (West Wing)
18111 Nordhoff Sreet
Northridge, CA 91330-8329

Simi Valley Library

Attn: Dale Redfield (805) 526-1735
2969 Tapo Canyon Road
Simi Valley, CA 93063

Los Angeles Public Library – Platt Branch

Attn: Lynn Light (818) 340-9386
23600 Victory Blvd
Woodland Hills, CA 91367

DTSC Regional Records Office

Attn: Jone Barrio (818) 551-2886
1011 N. Grandview Avenue
Glendale, CA 91201

- Transport contaminated soil to an appropriate authorized landfill. If any removed soil is hazardous, Boeing will transport it to a state permitted hazardous waste landfill.
- Fill excavated areas with clean soil or grade to match the surrounding terrain.
- Control dust during all excavation activities.
- Take soil samples from excavated areas to make sure soil has been removed to cleanup levels. If not, we will plan further digging following the same process.
- Clean all equipment to make sure contaminated soil is not taken off-site.

Interim Soil Removal Exempt from CEQA

The California Environmental Quality Act (CEQA) requires DTSC to evaluate significant potential environmental impacts of the soil removal Interim Measures Workplan on the environment. We have evaluated this project and determined that due to the limited quantity of contaminated soil and the controls which will be in place that no significant impacts will occur and that the project is exempt from CEQA. Therefore, we have prepared a Notice of Exemption. The Draft Notice of Exemption is available in the repositories for review during the public comment period.

For More Information

If you have questions about this soil removal, please call Peter Bailey, Project Manager, at (916) 255-3602, or via e-mail at pbailey@dtsc.ca.gov. You can also contact Nathan Schumacher, Public Participation Specialist at (916) 255-3650 or via e-mail at nschumac@dtsc.ca.gov. Nathan Schumacher can also be contacted toll free by calling (866) 495-5651.

If you are a member of the media, please contact Jeanne Garcia, Public Information Officer, Department of Toxic Substances Control at (818) 551-2176 or e-mail her at jgarcia1@dtsc.ca.gov.

Notice for the Hearing Impaired

TDD users may obtain additional information by using the California State Relay Service at 1-888-877-5378 (TDD). Please ask them to contact Nathan Schumacher (916) 255-3650 regarding Santa Susana Field Laboratory.

cut out and mail

ARE YOU ON DTSC'S MAILING LIST?

If you would like to be on the Santa Susana Field Laboratory mailing list, please fill out the information below and mail back to:
Nathan Schumacher, DTSC, 8800 Cal Center Drive, Sacramento CA 95826:

Please print name and address clearly

Name: _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____ E-mail: _____

Please take me off the mailing list.

Note: While the mailing list is solely for DTSC use, the list is considered a public record.