

MRCA
5/6/09

The Boeing Company
Santa Susana Field Laboratory
5800 Woolsey Canyon Road
Canoga Park, CA 91304-1148

RECEIVED
MOUNTAINS RECREATION

APR 15 2009

& CONSERVATION
AUTHORITY - MALIBU

Certified Mail

April 14, 2009

In reply refer to SHEA-108479

Ms. Rorie Skei
Mountains Recreation and Conservancy Authority (MRCA)
5810 Ramirez Canyon Road
Malibu, CA 90265

Subject: Former Shooting Range Overshot Area Cleanup
and Asphalt Pavement Removal
Access and Hold-Harmless Agreement

Dear Ms. Skei:

The Boeing Company (Boeing) is planning to conduct soil sampling and a targeted clean-up of lead shot at the former Rocketdyne-Atomics International Rifle and Pistol Club, Inc. shooting range overshot area extending northward from the shooting range (see attached Figure 1). In addition, portions of earthen berms are proposed to extend northward from Boeing property near the eastern end of the Sage Ranch trail, a rock check dam will be installed on Sage Ranch property downstream of the former shooting range, and the existing deteriorated asphalt pavement in the former shooting range is planned to be removed.

The former shooting range area was leased from your predecessor by the Rifle and Pistol Club. The activities described above will follow a MRCA-led cleanup of lead shot and clay target residue in 1993, and Boeing voluntarily performed additional work in 1998 and 2006 after surveys revealed additional lead shot remained in the area. These actions were performed under a 1993 Hold Harmless Agreement (93RC01159) (1993 Agreement) between the parties, under which MRCA agreed to release and hold harmless Rockwell International, Rocketdyne Division, and Boeing as successor to Rockwell, for any claims arising out of the clean-up and any environmental claims relating to any lead shot and clay target residue.

Specifically, Boeing plans to undertake the following actions as voluntary clean-up/maintenance activities:

- Removal of visible lead shot debris in the rock outcrops and along the north side of the Sage Ranch trail using a vacuum truck and hand tools (see Figure 2). A work plan describing removal of the lead shot debris was submitted to





MRCA and DTSC in August 2008. DTSC-requested revisions to the work plan were submitted to MRCA and DTSC in January 2009. In addition, lead shot removal may also occur in the meadows areas to the west and east of the former shooting range (see Figure 3).

- Excavation of approximately six shallow potholes in the meadow areas to obtain bulk soil samples for laboratory analysis and determination of the vertical extent of lead shot in the upper soils. The potholes may be excavated with a backhoe and are expected to be less than 36 inches deep. After sample collection, the potholes will be filled with the excavated soils. Potholes will not be left open overnight or unattended.
- Installation of one in series of three rock check dams in the Northern Drainage channel downstream of the former shooting range. Boeing is currently planning to submit permit applications to the U.S. Army Corps of Engineers requesting permission to install the check dams. The dams are planned to consist of 5-foot high rock gabions that will cross narrow exposed bedrock portions of the channel and promote sedimentation. The sediment deposits will serve as collection and removal points for remaining clay target and lead residue. Two of the check dams will likely be on Boeing property (see Figure 4)
- Installation of an engineered natural treatment system consisting of earthen berms, designed to reduce sediment transport during storms, that are primarily on Boeing property, but which encroach onto Sage Ranch Park property as shown on the attached Figure 5.
- Removal of approximately 47,000 square feet of asphalt pavement in the southern portion of the former shooting range. Asphalt pavement removal is planned as part of drainage improvements designed to improve surface water quality downstream. Removing the asphalt will reduce flow concentrations and scouring of the channel.

In consideration of Boeing's performance of additional voluntary cleanup of lead shot and the installation of the preventative measures described above, MRCA agrees to release and hold The Boeing Company, its parent, subsidiaries, affiliated entities, employees, contractors, agents, successors and assigns, harmless from any claims arising out of the cleanup, the cleanup activities and installations described above and from any claims relating to any lead shot materials or residue that may remain on the property after the clean up activities have been conducted.

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This agreement further grants Boeing, its employees, contractors and agents reasonable access to the property to perform the above-work in accordance with applicable environmental and health and safety regulations.

Nothing in this agreement supersedes, invalidates, alters or amends the 1993 Agreement, which remains in full force and effect.



Sincerely yours,

A handwritten signature in black ink, appearing to read 'Arthur Lenox'.

Arthur Lenox
Environmental Remediation
Environment, Health & Safety

AJL:bjc

Enclosures: Figures 1-5

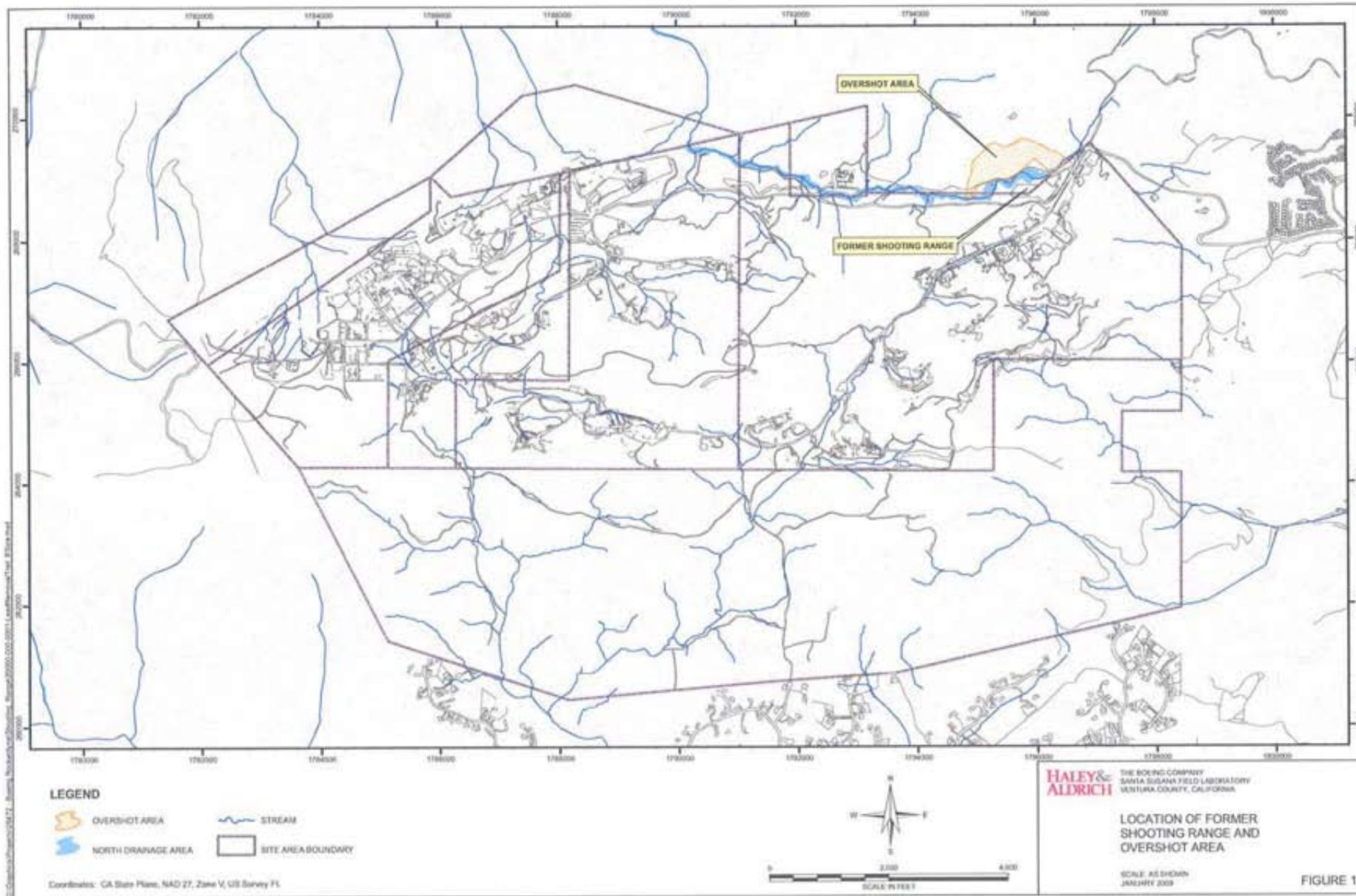
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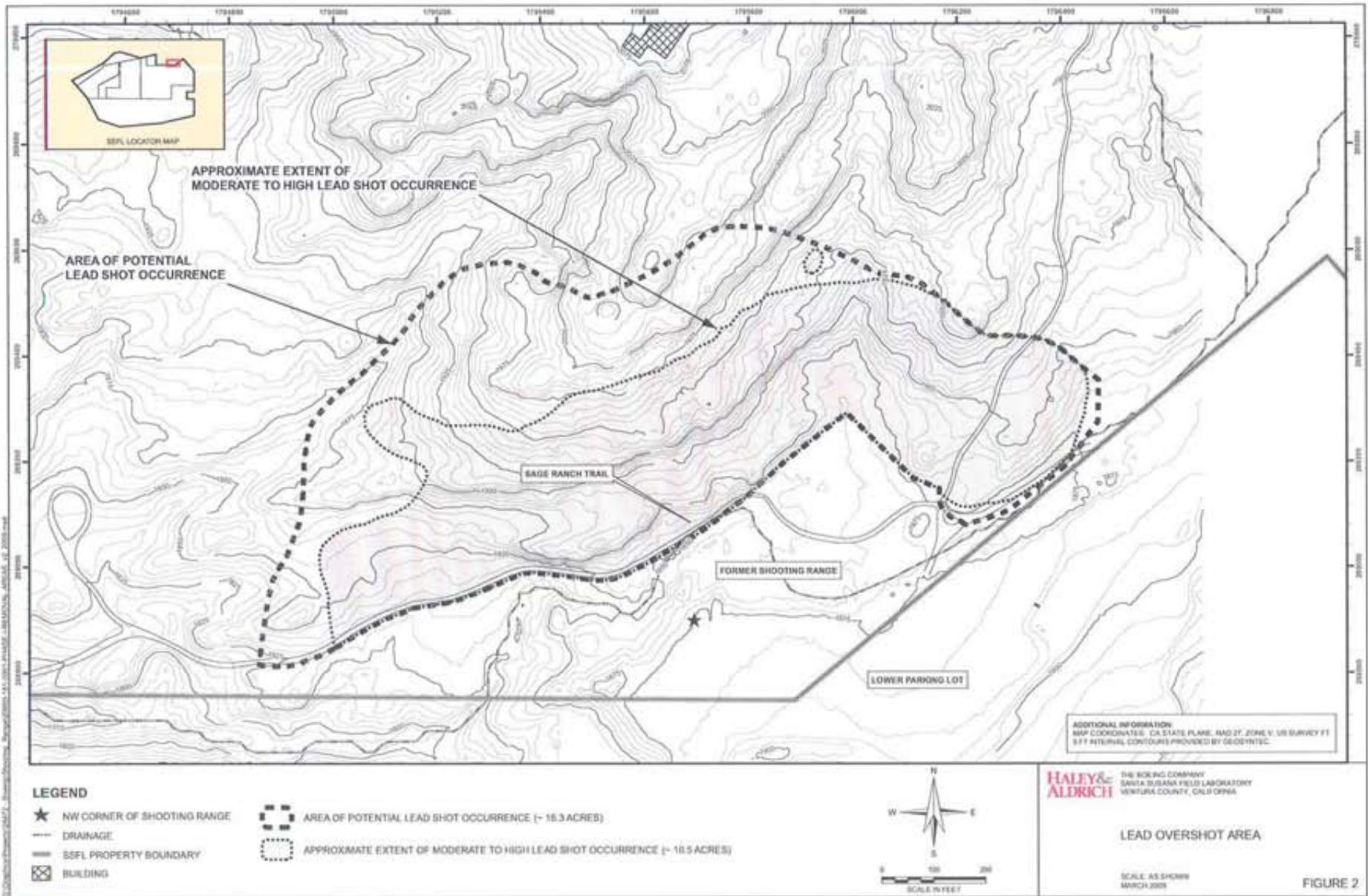
Mountains Recreation and Conservation Authority

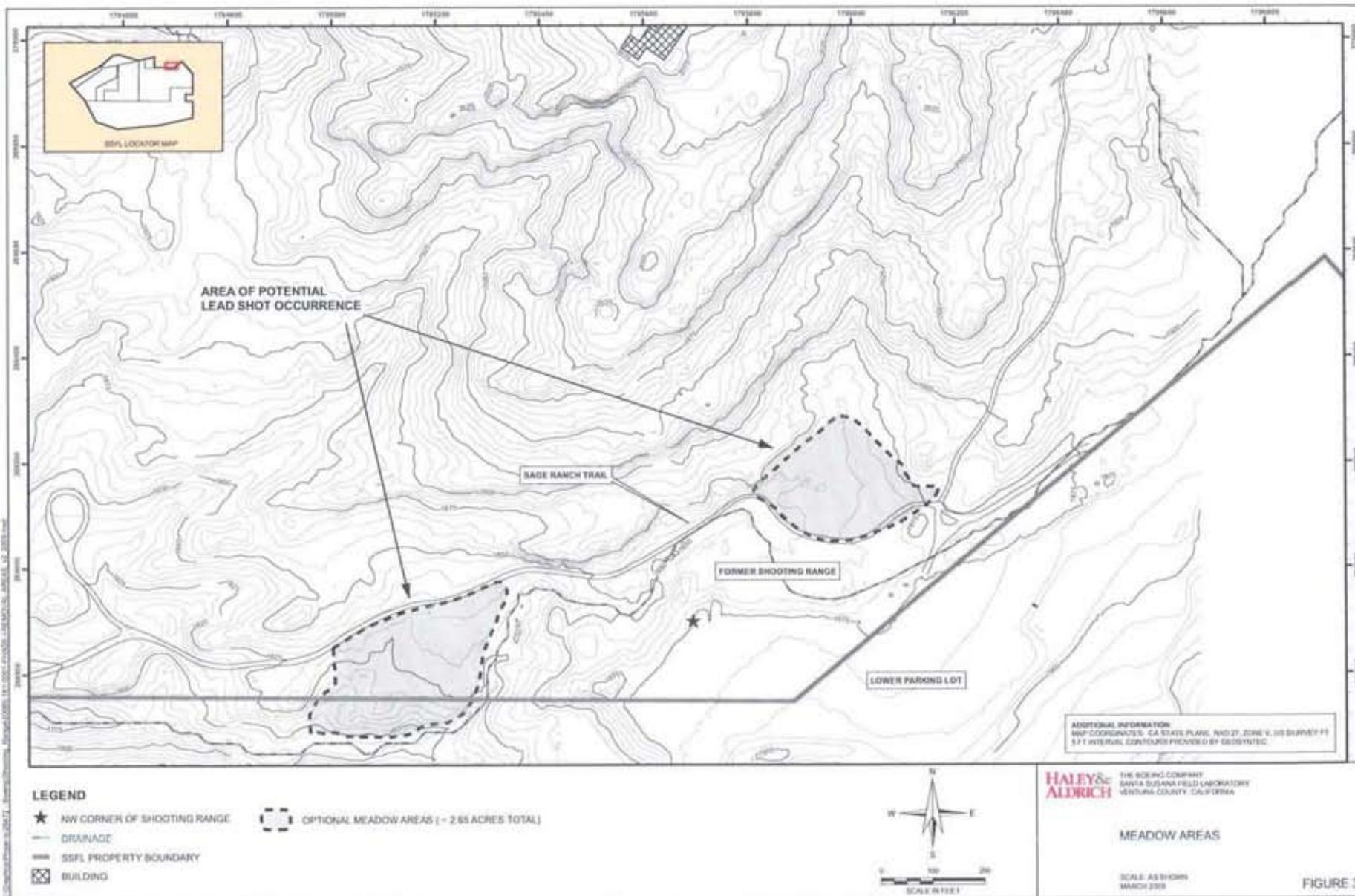
By: _____ Date: _____

The Boeing Company

By: _____ Date: _____







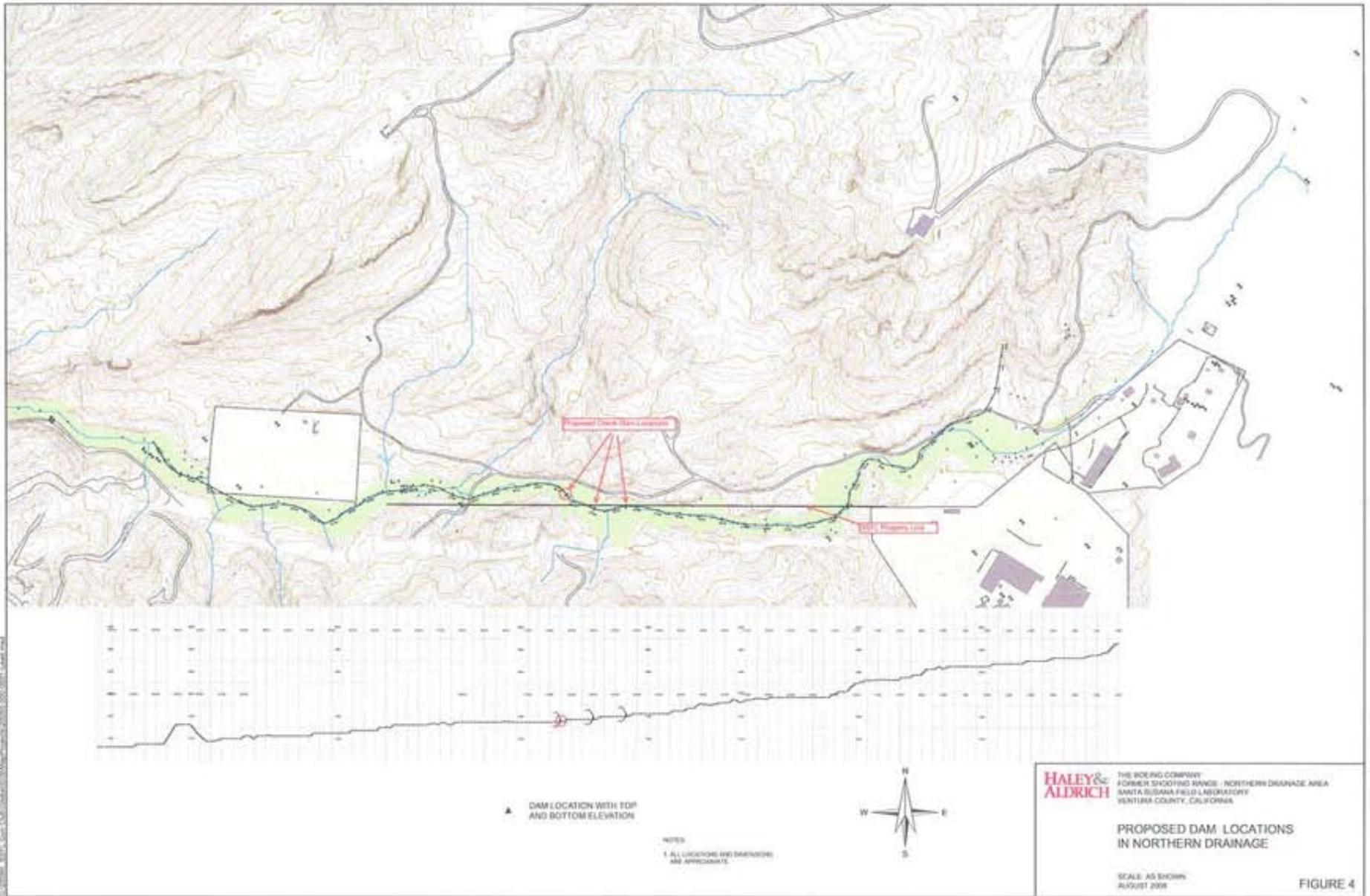
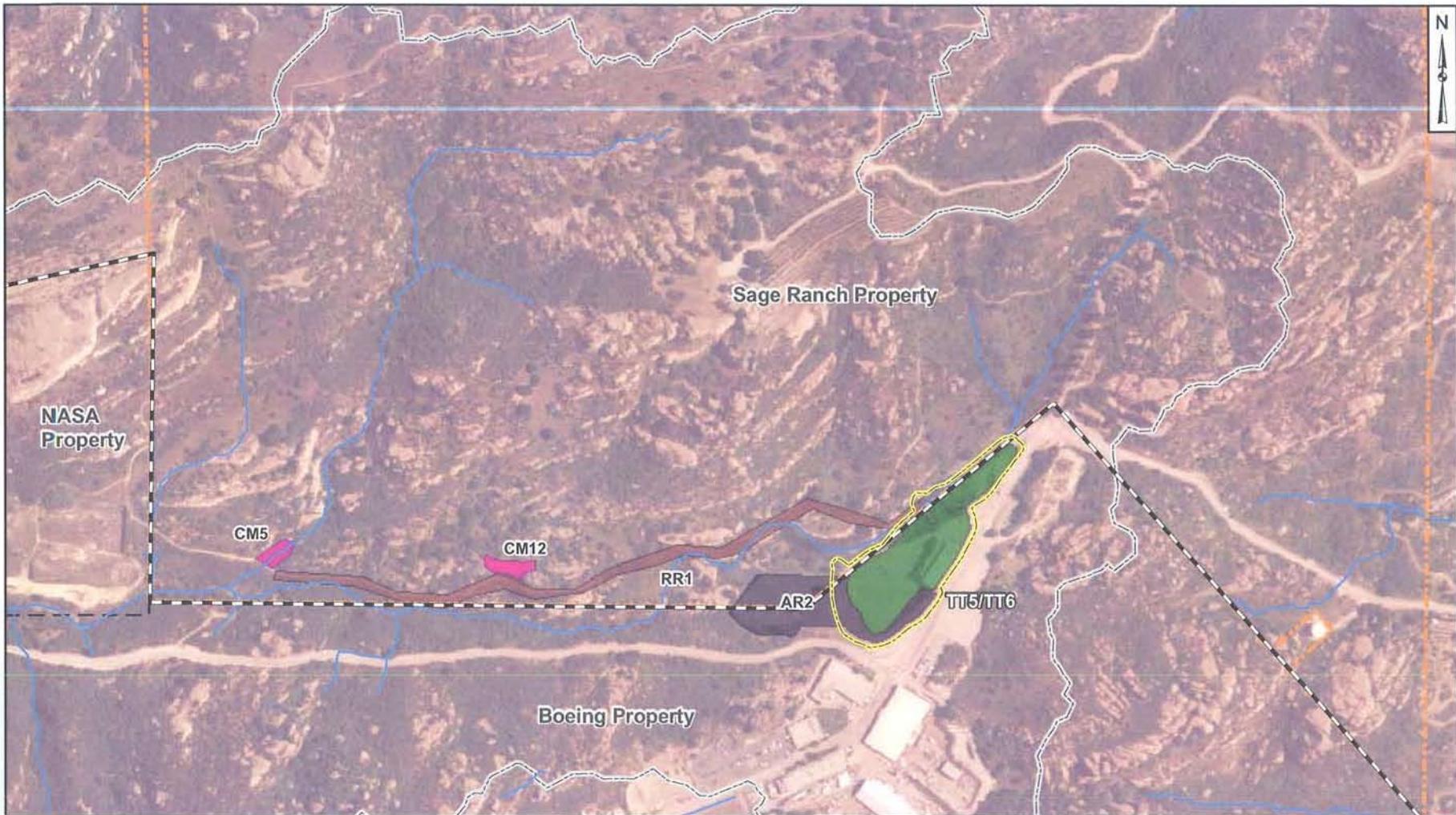


FIGURE 4



Legend

- ENTS Construction Impacts
- SSFL Site Property
- Sage Ranch Property
- Streams
- Site Areas
- Watershed Boundaries
- Asphalt Removal
- Culvert Maintenance [prev. approved by MRCA]
- Trail Maintenance [prev. approved by MRCA]
- Treatment Train



**ENTS AND SWMA
On Sage Ranch Property**

Santa Susana Field Laboratory
Ventura County, CA

Geosyntec
consultants

Santa Barbara

March 2009

Figure
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