



**ARMY BRAC OFFICE
HAMILTON ARMY AIRFIELD**

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Novato, CA 94949

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ENVIRONMENTAL NEWS

HAMILTON ARMY AIRFIELD

RESTORATION ADVISORY BOARD MEETINGS ARE OPEN TO THE PUBLIC

RAB Responsibilities

The Restoration Advisory Board (RAB), is an advisory board made up of interested and concerned community members who reflect the diverse interests of the local community as well as representatives of state, local, and federal agencies. The RAB is designed to serve as a forum for the exchange of information between the Army and Navy and the community regarding those restoration activities presently underway, as well as those planned for future studies and remediation.

The Hamilton RAB meets quarterly. **The next RAB meeting is Wednesday, October 12, 2005** To receive further information regarding the RAB, community involvement, environmental cleanup at Hamilton, or to be added to the Hamilton RAB mailing list, please contact:
Joy Lanzaro (415) 883-6386.

Upcoming Meetings

The next RAB Meeting will be held at the Novato Police Station Meeting Room on Wednesday, October 12, 2005, 7 p.m.

For More Information

Army BRAC Environmental Office

Hamilton Army Airfield
1 Burma Road, Novato, CA 94949
tel: (415) 883-6386 fax: (415) 883-1033
www.spk.usace.army.mil/projects/environmental/haaf/index.html

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Navy BRAC Environmental Office

Michael S. Bloom
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www.efds.w.navy.mil/Environmental/Novato.htm
Michael.s.bloom@navy.mil

Information Repositories

Army BRAC Environmental Office (Call for an appointment)

Marin County Public Library, Novato Branch
1720 Novato Boulevard, Novato, CA 94947
tel: (415) 897-1141

RESTORATION ADVISORY BOARD MEMBERS

• Co-Chairs

Ed Keller
Army BRAC Environmental Coordinator

Michael S. Bloom
Navy BRAC Environmental Coordinator

Matthew McCarron
Community Co-Chair

• Community Members

Marucia Britto

Preston Cook

Joan Dekelboum

Richard Draeger

Patricia D. Eklund

Jeff Johnston

Sue Lattanzio

William McNicholas

Manuel Mier

Ross Millerick

Sabrina Molinari

REGULATORY AGENCY REPRESENTATIVES

Naomi Feger (510) 622-2328
Regional Water Quality Control Board

Laurent Meillier (510) 622-2440
Regional Water Quality Control Board

Lance McMahan (916) 255-3674
California Department of Toxic
Substances Control

Theresa McGarry (916) 255-3664
California Department of Toxic
Substances Control

TECHNICAL SUPPORT

Ray Zimny
US Army Corps of Engineers

Jim McAlister
US Army Corps of Engineers

EXCAVATION UNDERWAY AT REVTMENTS 19, 21, 22, AND 26

The Army is currently excavating former revetments 19, 21, 22, and 26. The revetments were impacted by petroleum from former aircraft operations.

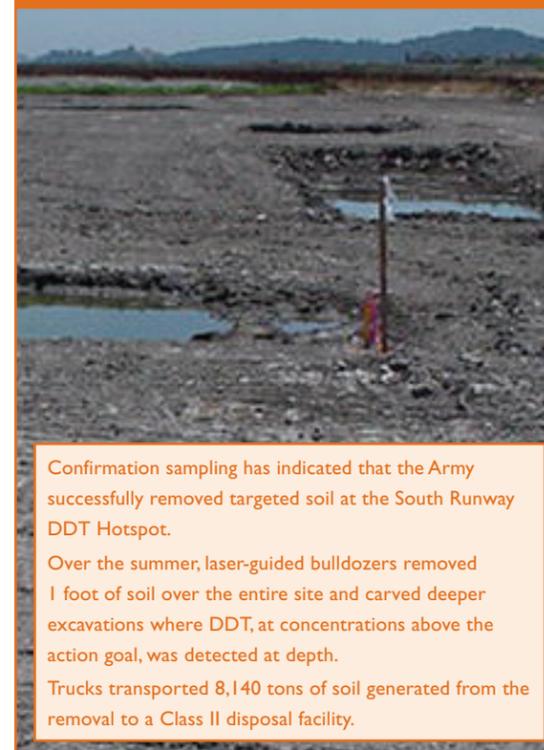
The contamination at revetments 19, 22, and 26 was limited to the upper 1-2 feet of fill material. Approximately 2 and 4 feet of fill material exists between ground surface and native bay mud at the revetments. At revetment 21, the largest excavation, the Army is analyzing samples to confirm that fuel did not penetrate the bay mud. The Army expects the sampling results in early October.



Sidewall view: The natural mineral content lends the fill a reddish coloration. The dark gray smear is bay mud.



SOUTH RUNWAY DDT HOTSPOT EXCAVATION COMPLETE



Confirmation sampling has indicated that the Army successfully removed targeted soil at the South Runway DDT Hotspot.

Over the summer, laser-guided bulldozers removed 1 foot of soil over the entire site and carved deeper excavations where DDT, at concentrations above the action goal, was detected at depth.

Trucks transported 8,140 tons of soil generated from the removal to a Class II disposal facility.

COASTAL SALT MARSH SOIL DISPOSAL UNDERWAY

The Army is loading about 45,000 tons of stockpiled soil on to trucks and has begun transporting this soil from the runway area to a Class II disposal facility.

The soil contains non-hazardous levels of pesticides, metals and petroleum product. It came from the coastal salt marsh excavation last winter.

The soil has had several months to dry. Now that it is lighter, more cubic yards can be transported in each truckload, thereby reducing the number of trucks, fuel, and expense of the disposal.

"CONFIRMATION SAMPLING"
TESTING SOIL SAMPLES FROM THE LIMITS OF AN EXCAVATION TO DETERMINE IF THE REMEDIATION WAS SUCCESSFUL

PRE-REMEDIAL RANGE SAMPLING NEARLY COMPLETE

EXCAVATION TO BEGIN THIS FALL

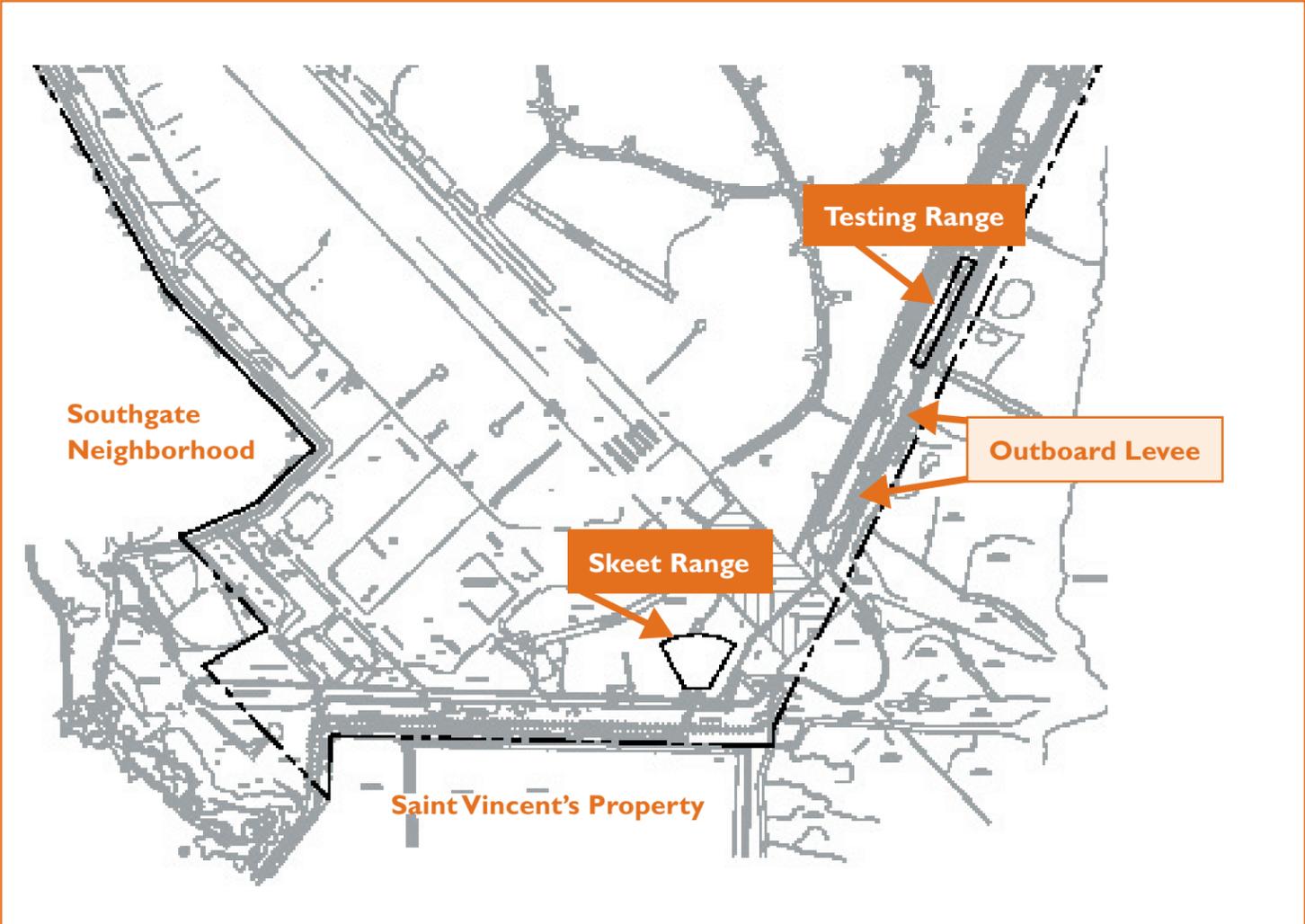
The Army has completed a major portion of sampling at the former Skeet and Testing Ranges in preparation for clean-up activities this fall.

The soil samples from the former shooting ranges were analyzed for contamination resulting from the degradation of bullets, shot and clay pigeons; namely, lead, copper, cadmium, and polynuclear aromatic hydrocarbons (PAHs).

The Army investigated the ranges for contamination at concentrations above the action goals as identified in the Final Main Airfield Parcel Record of Decision/ Remedial Action Plan (ROD/RAP), Hamilton Army Airfield, Novato, California, August 2003.

The boundaries were determined by collecting soil samples in a grid pattern. If the sample result was greater than the action goal, then "step-outs" were collected, in most cases, 100 feet apart. If the result of the step-out sample was below the action goal, the Army took an additional sample midway between the original sample and the secondary sample, called a "step-in". In this way, the Army defined the lateral extent of the contamination. Samples were also taken at depth.

A small amount of sampling remains to be completed to better define some areas. The results from the sampling so far show that some excavation is warranted. The Army is developing the work plan for this excavation and hopes to complete the job this fall.



CURRENTLY AT HAMILTON

PRE-REMEDIAL WORK
 Range Sites
 Source: BULLETS and CLAY PIGEONS

CURRENT REMEDIATION
 Revetments 19, 21, 22, and 26
 Source: FUEL

REMEDIAL ACTIONS NEAR COMPLETION
 The following recent DDT excavations have had confirmation sample results below action goals. The data will be reviewed by the Regional Water Quality Control Board.

- South Runway DDT Hotspot
- Unlined Perimeter Drainage Ditch
- Building 35 Pipeline

DDT REMOVAL COMPLETE AT BUILDING 35



The Army has excavated soil at a former pump station referred to as Building 35. The Building 35 pump station transported water from the lower in-board area of the airfield to the outboard drainage ditch through a pipeline. Prior to excavation, soil beneath the pipeline contained levels of the pesticide DDT above the ROD/RAP action goal.

Approximately 37 cubic yards of soil was excavated from a 10 by 20 foot rectangle about 5 feet deep. Confirmation sample results indicated that no further excavation was required. After excavation, the site was back-filled with clean soil.

"DDT ACTION GOAL"
 The ROD/RAP requires removal and off-site disposal of soil with DDT concentrations greater than 1 part per million

