

5090  
Ser 1832.1/L6148  
12 Mar 1996

From: Commanding Officer, Engineering Field Activity, West, Naval Facilities  
Engineering Command  
To: Distribution

Subj: PUBLIC SUMMARY, ENGINEERING EVALUATION AND COST ANALYSIS  
REMOVAL ACTION DOCUMENTATION FOR EXPLORATORY EXCAVATION  
SITES, ENGINEERING FIELD ACTIVITY, WEST, NAVAL FACILITIES  
ENGINEERING COMMAND, HUNTERS POINT ANNEX, SAN FRANCISCO,  
CALIFORNIA

Encl: (1) Public Summary, Engineering Evaluation and Cost Analysis Removal Action  
Documentation for Exploratory Excavation Sites, Engineering Field Activity, West,  
Naval Facilities Engineering Command, Hunters Point annex, San Francisco,  
California

1. Enclosure (1) is the Public Summary for Engineering Evaluation and Cost Analysis Removal  
Action Documentation for Exploratory Excavation Sites at Hunters Point Annex. If you would  
prefer to review the entire report, it is available at the:

Anna E. Waden Branch Library  
5075 Third Street  
San Francisco, California.

The Public Review Period ends 16 April 1996.

2. If you have any questions regarding this summary, please contact Mr. William McAvoy,  
Code 1832.1, at (415) 244-2554.

**Original signed by:**

RICHARD E. POWELL  
By direction of  
the Commanding Officer

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Activity File: HPA (File:L6148WM.DOC) ab

**PUBLIC SUMMARY  
OF THE EXPLORATORY EXCAVATION REMOVAL ACTION  
ENGINEERING EVALUATION AND COST ANALYSIS REPORT  
HUNTERS POINT ANNEX  
SAN FRANCISCO, CALIFORNIA**

During a 1994 walkthrough inspection of Hunters Point Annex (HPA) in San Francisco, California, the Department of the Navy (Navy) and its contractors found areas of stained soil, asphalt, or concrete in Parcels B through E. These areas were designated for additional investigation and are called "exploratory excavation" sites. Surface and subsurface soil samples collected from these exploratory excavation sites contained hazardous substances (mainly heavy metals, such as arsenic, chromium, lead, and mercury, and semivolatile organic compounds, which are usually the result of petroleum spills) at concentrations above limits set for this removal action.

The purpose of the removal action is to remove hazardous substances in soil at the exploratory excavation sites that pose a risk to human health or the environment. Removal of the affected soil will accelerate (1) the overall cleanup of the parcels and (2) the availability for future reuse. These objectives will be achieved by completing the following tasks:

- Remove soil affected by hazardous substances at concentrations above limits set for this removal action
- Collect samples to confirm the removal of affected soil
- Dispose of or treat removed soil
- Restore sites by backfilling them with clean soil or treated soil and grading or paving them

The purpose of the exploratory excavation engineering evaluation and cost analysis (EE/CA) report is to evaluate and recommend cleanup alternatives for the exploratory excavation removal action. Three treatment or disposal alternatives are identified and evaluated in the EE/CA report: two off-site alternatives and one on-site alternative. Because the affected soil must be removed for all of the alternatives evaluated, the activities common to all the alternatives include soil removal and confirmatory sampling. A description of the differences among the three removal action alternatives is provided below.

**RESTORATION ADVISORY BOARD  
IMPACT SUMMARY  
OF THE EXPLORATORY EXCAVATION REMOVAL ACTION  
ENGINEERING EVALUATION AND COST ANALYSIS REPORT  
HUNTERS POINT ANNEX  
SAN FRANCISCO, CALIFORNIA**

The purpose of this restoration advisory board (RAB) summary sheet is to identify the effects that the above referenced report will have on (1) jobs for the local community, (2) human health of the local community, and (3) Hunters Point Annex (HPA) land reuse.

Community Jobs: This report presents the results of a technical study of possible means of removing small areas of hazardous substance affected soil at HPA. This report does not immediately affect community employment.

Community Health: The removal actions recommended in this report will help reduce the possible health effects from affected soil presently existing in these small areas at HPA.

HPA Land Reuse: The removal actions recommended in this report may reduce the existing risk for any proposed interim reuse; however, it will not affect the ultimate reuse of this property.