



INSTALLATION RESTORATION PROGRAM REMOVAL ACTION

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NSY LONG BEACH
SSIC # 5090.3

Long Beach Naval Shipyard, Site 11

FACT SHEET #2

JANUARY 1994

Introduction

The Navy is stabilizing an embankment slope and level area at Site 11 of the Long Beach Naval Shipyard (refer to Figure 1). The slope and level area are covered with sandblast grit that was placed as fill material in 1975. The sandblast grit, which originally was used to remove paint from ships and vehicles, will be sealed in place pending the final removal action. The contaminants of concern are metal deposits from paint residue and cuprous oxide, a toxicant that is part of the grit material which is toxic when ingested.

This interim removal action is being conducted under the Navy's Installation Restoration (IR) Program. The IR Program was established under the Federal "Superfund" program (CERCLA and SARA) to address contamination and potential public health and environmental impacts resulting from past hazardous waste management and disposal operations. Through the IR Program, the Navy identifies, investigates, and remediates contaminated sites to maintain compliance with applicable Federal, State, and local regulations, and to correct or prevent endangerment to public health and the environment. The Navy is overseeing the Site 11 construction activities, which is being performed under a contract with IT Corporation.

To Obtain More Information

This fact sheet is one of a series of information releases designed to inform the public about environmental cleanup activities at the Long Beach Naval Shipyard. The Navy welcomes your interest in this interim removal action. If you would like more information or have questions or comments, please contact the Navy Public Affairs Office.

Public Affairs Officer
John Ryan - Code 1160
300 Shipjack Road
Long Beach, CA 90822-5099
310/547-7798

Please see the following page for additional sources of information.

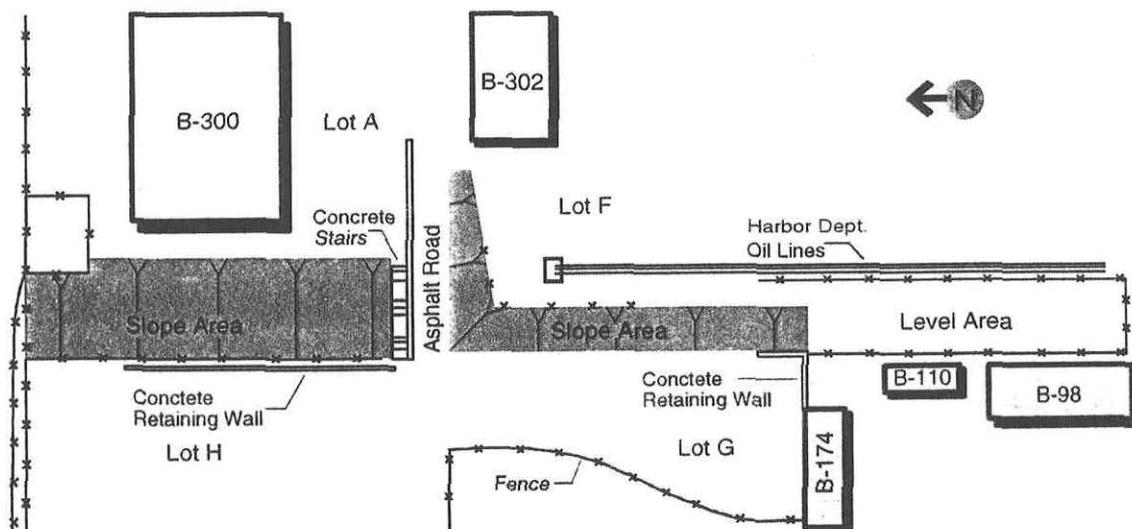


Figure 1

Site 11, Long Beach Naval Shipyard

Site Description and Environmental History

Site 11 consists of an embankment slope and a level area in the eastern portion of the Naval Shipyard; the boundaries of the site are shown in Figure 1. Building 300 (Engineering Management Building) and parking lots A and F are directly east and parking lots H and G are directly west of Site 11. An east-west running asphalt road bisects the site into a north slope that is 460 feet long and a south slope that is 735 feet long. The level area, located adjacent to Buildings 98 and 110, is 350 feet long. Because vegetation (ice plant) covers only a portion of the site, sandblast grit is exposed in many areas .

In 1975, approximately 6,400 cubic yards of sandblast grit was used as fill to extend the natural hillside east of Drydock 1 (Site 11). The sandblast grit contained approximately 46,000 pounds of cuprous oxide. The slope and level area remained undeveloped areas until their inclusion in the Navy IR Program.

Previous Investigations

Under the IR Program, the Navy performed a preliminary assessment/site inspection (PA/SI) of the Site 11 embankment slope and level area in 1991. Black sandblast material was encountered near the surface of the hillside and east of Buildings 174, 98, and 110. Laboratory analyses confirmed the presence of elevated concentrations of lead and copper in the surface soil. The highest concentrations were found in soil collected from the level area. The level area was covered with plastic to limit windblown dispersion of the grit. A remedial investigation/feasibility study (RI/FS) was initiated to determine the appropriate approach for the final removal action.

Removal Action

This is a time-critical removal action involving interim tasks necessary to minimize further dispersion of the sandblast grit during the ongoing RI/FS process. Construction activities began on January 3, 1994, and will be completed by February 15, 1994. The interim removal action work plan has been reviewed and approved by the California Department of Toxic Substances Control (DTSC) and the California Regional Water Quality Control Board (RWQCB). The interim action consists of two tasks.

Task 1 - Hydroseeding

The goal of Task 1 is to stabilize the embankment slope through revegetation (hydroseeding) and installation of erosion control blankets. This will limit the dispersion of sandblast grit. The existing erosion-prone vegetation will be removed, and the broken irrigation system will be replaced.

Task 2 - Shotcrete

The goal of Task 2 is to prevent windblown dispersion of sandblast grit in the level area east of Buildings 174, 98, and 110. The area will be graded, and shotcrete, a cement-containing material, will be placed over the exposed sandblast grit.

Health and Safety During Construction

All site activities will be performed in compliance with a site-specific health and safety plan to provide for the safety of all on-site workers and the surrounding community. The appropriate level of protective clothing will be worn by all workers involved in the interim removal action. In addition, a health and safety officer will monitor site activities throughout the work.

Future Activities

This interim removal action is designed to stabilize the site and reduce any potential threats to human health and the environment. The ongoing RI/FS involves completion of soil borings and installation of groundwater monitoring wells to identify the vertical and horizontal extent of sandblast grit and its impact to groundwater. A detailed review of remedial alternatives will be conducted during the RI/FS, and the Navy will then select a final remedial action.

Community Involvement

The Navy encourages the public to share their comments and concerns at any time during this interim removal action (refer to cover page for the Navy contact). If community interest so warrants, additional fact sheets will be developed to address inquiries about the site and cleanup activities. Please complete the mailing list coupon if you would like to remain on the mailing list for the Site 11 activities (see last page of the fact sheet).

Glossary

DTSC	Department of Toxic Substances Control
PA/SI	Preliminary Assessment/Site Inspection
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
Removal Action	A short-term action taken to address a release or threatened release of hazardous substances
RI/FS	Remedial Investigation/Feasibility Study
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendment and Reauthorization Act of 1986

Other Information Sources

Copies of documents and related correspondence are on file and can be reviewed at the information repositories listed below.

Department of Toxic Substances Control
245 West Broadway Suite 425
Long Beach, CA 90802
310/ 590-4949
Contact: Claire Best

Long Beach Public Library
101 Pacific Avenue
Long Beach, CA 90810
310/437-2949
Contact: Marilyn Brafher

Long Beach Naval Station Library
Building 398
Naval Station
Long Beach, CA 90822-5000
310/547-7349
Contact: Verna Mays

San Pedro Public Library
931 South Getty Street
San Pedro, CA 90731
310/548-7779
Contact: Laura Webber

Wilmington Public Library
1300 North Avalon Avenue
Wilmington, CA 90744
310/834-1082
Contact: Patricia L. Deutsch

Mailing List Coupon

If you would like to be on the permanent mailing list to receive future information about environmental cleanup activities at Site 11, please fill out this coupon and mail it to John Ryan, Public Affairs Officer, Code 1160, 300 Shipjack Road, Long Beach, California, 90822-5099.

Name _____

Address _____

Telephone Number _____

Organization/Affiliation _____