

N60258.000615  
NSY LONG BEACH  
SSIC #5090.3

To: Anna Ulaszewski  
Long Beach Naval Shipyard

From: Claire Best  
Department of Toxic Substances Control

Site 12 - Long Beach Naval Shipyard Fact Sheet

In addition to comments provided during our phone conversation, I suggest incorporating the following:

#### Future Activities

This interim removal action is designed to provide a protective covering for the site to prevent migration of the contamination and reduce any potential threats to human health and the environment. Future Remedial Investigation/Feasibility Study (RI/FS) activities at the site will include soil borings and groundwater sampling of the drum crushing area, shallow ground water samples of the "L" shaped area of concern identified during the photographic review of the site, and perimeter well points.

The intent of ongoing RI is to identify the potential vertical and horizontal extent of possible contamination, and its impact to groundwater. The results of the RI will be used to develop a FS, which will evaluate cleanup options. From this study, a proposed cleanup plan will be prepared and reviewed by the regulatory agencies and the public and a remedy will be selected. The public's review will include a public meeting and 30 day public comment period. The final remedy selected will include appropriate community concerns.

**DRAFT**

## Glossary

DTSC	California Department of Toxic Substances Control	RI/FS	Remedial Investigation/ Feasibility Study
PA/SI	Preliminary Assessment/Site Inspection	RWQCB	Regional Water Quality Control Board
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act 1980	SARA	Superfund Amendment and Reauthorization Act of 1986
REMOVAL ACTION	A short-term action taken to address a release or threatened release of a hazardous substance	TBT	Several forms of tributyltin are manufactured for use in anti-fouling paint.

**Site Description and Environmental History**

Site 12 is located in Parking Lot X on LBNBY, east of Skipjack Road. Sandblasting grit containing tributyltin (TBT) paint chips was reportedly disposed between 1971 and 1975 at an unknown location in Lot X. The TBT containing grit was reportedly disposed in a 15x15x10 foot area. Based on the results of the aerial photographic review, a distinct pit was not identified; however, a "L" shaped depositional area of sandblasting grit was noted. The grit can be seen on the surface in the northern and eastern edges of the site. In addition, empty drums containing hazardous material were crushed in the fenced area in Lot X. The contents of the drums included epoxy-based paints, solvents, lube oils and other petroleum based products.

**Previous Investigations**

Under the IRP the Navy performed a Preliminary Assessment/Site Inspection (PA/SI) of the drum crushing area of Site 12. Previous investigations have detected the presence of organics and metals in the soil in the drum crushing area. Borings were conducted in the northwest and southwest corners of Lot X to sample soils where the TBT contaminated sandblasting grit was reportedly deposited. No organotins were found at a concentration above detection limits.

**Removal Action**

This is a ~~time-critical~~ removal action involving interim tasks necessary to minimize the migration of contaminated soils from the drum crushing area via storm water runoff and the possible air dispersion of surface sandblasting grit. Construction activities commenced July 5, 1994 and will be completed October 3, 1994. The interim removal action has been reviewed and approved by the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) and the California Regional Water Quality Control Board (RWQCB), Los Angeles Region. The interim action consists of minimal grading and fill, if necessary, and asphaltting of the unpaved area of Site 12.

**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 individuals in the surrounding industrial areas. 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 project.