

**INSTALLATION RESTORATION PROGRAM  
LONG BEACH NAVAL SHIPYARD  
LONG BEACH, CA  
9 October 1992**

N60258.000829  
NSY LONG BEACH  
SSIC #5090.3

**HISTORY**

The Initial Assessment Study (IAS) of Naval Complex, Long Beach was conducted in 1983 by Brown and Caldwell. The study identified 12 potentially contaminated sites and concluded that none of these sites warranted further study. This conclusion has been reversed, and further study is being conducted at all 12 sites to determine the potential threat to public health and the environment. Sites 1,2,3,4,5,6A and 7A are located at NAVSTA, LB. Sites 7B,8,9,10, 11, and 12 are located at LBNSY. Site 7, Harbor Sediments, is divided between the two activities.

A RCRA Facility Assessment (RFA) was conducted at Naval Complex, Long Beach in 1989 by the Department of Toxic Substance Control (DTSC) prior to the June 1990 issuance of the LBNSY RCRA permit. The RFA identified two additional sites for investigation. One was incorporated into Site #8. The other site is Bldg 303 Tank Farm, site 13. A Phase I RCRA Facility Investigation (RFI) for site 13 was conducted under ESR 9118.074.

A Site Inspection (SI) was conducted on sites 7B,8,9,10,11, and 12. The draft SI report, received May 1992, confirmed the presence of contaminants at sites 7B,9,10,11, and 12. The report recommended further investigation at sites 7B,9,10,11, and 12, and an extended SI at site 8 to confirm no further action is required. Further study at site 7B will be conducted with site 7A NAVSTA, LB projects since the sites are contiguous. The report also recommended that the exposed portions of sites 11 and 13 be covered to prevent off-site migration of surface contaminants, and securing the fencing around site 12 to control access to the site.

**SITES AT NAVAL SHIPYARD**

**Site 7B Harbor Sediments**

From the 1940s to the mid 1970s, drainage from various industrial areas, cleaning and process tanks, was discharged into the Long Beach Harbor's West Basin. This occurred directly through storm water drains and from flushing dry docks. This site is contiguous with site 7A at the Naval Station.

**Site 8 Building 210 TCE Disposal Site**

Between 1974 and 1980, approximately 200 gallons of trichloroethylene (TCE) was discarded at this site.

**Site 9 Building 129 Ground Floor Spills**

From 1940 to 1973, cosmoline and solvents were spilled from process tanks during clean-out operations onto a wood block floor. In the IAS, Brown and

Caldwell assumed that the contaminants potentially soaked into the underlying soil; however, the wood blocks are placed on a concrete slab.

**Site 10 Lot H Past Operations**

Spills of battery acid, solvents, and mercury are suspected. This site is formerly a scrap yard and is now a paved parking lot.

**Site 11 Hillside East of Drydock 1**

Approximately 6,400 cubic yards of spent sandblast grit is piled at this site.

**Site 12 Parking Lot X Toxic Sandblast Disposal**

Sandblasting grit, paint, residue, and other wastes were disposed of at this site. The IAS estimated the area to be approximately 15 x 15 feet. However, backhoe excavations in 1989 revealed that the area is approximately 400 x 400 feet.

**Site 13 Building 303 Tank Farm**

Many stains on the asphalt and surrounding dirt of this 90 day accumulation area caused DTSC to list this site for an RFI.

**CURRENT STATUS**

The final SI report is due November 1992. Draft report comments were received from DTSC, Regional Water Quality Control Board (RWQCB,LA), Port of Long Beach, Department of Fish and Game, and SOUTHWESTDIV. A responsiveness summary will be included in the final report.

The site 13 draft Phase I RFI report, received April 15, 1992, confirmed the presence of contaminants in the soil and groundwater, however recommended no further action for this site. This recommendation will be revised, since it was based on California EPA Guidance which has since been rescinded. The draft report also recommends the unpaved area be covered with asphalt. The final report, due November 1992, will include a responsiveness summary and will recommend further study for the site.

The Site Management Plan (SMP) for LBNSY and NAVSTA, LB was awarded on 24 Sep 92 and will be completed by March 1993. The draft SMP is due in January 1993.

The contract for LBNSY Remedial Investigation/Feasibility Study (RI/FS) Work Plans (WPs) will be awarded in November 1992. DTSC, the Navy, and the NAVY CLEAN contractor will meet in October to finalize the schedule for the draft RI/FS WPs. DTSC requested the draft WPs by 30 Apr 93.

### **COMMUNITY RELATIONS**

A community relations brochure for the Naval Shipyard and Naval Station IRP was published and mailed in September, 1991. The brochure was distributed to civilian, military, and nearby public interests prior to the start of SI field work.

### **TECHNICAL REVIEW COMMITTEE (TRC)**

The Long Beach Naval Complex TRC was held on July 30, 1992. The TRC accomplished the following : confirmation of TRC members, approval of the TRC charter, review and comment of the SI and RFI reports for both activities, and discussion of future Navy IRP projects. The next TRC will be held in early 1993.

### **PLAN OF ACTION**

The anticipated IRP schedule for LBNSY is shown on the following page.

# LONG BEACH NAVAL SHIPYARD INSTALLATION RESTORATION SCHEDULE

PROJECT	LENGTH	START	END	Years									
				1990	1991	1992	1993	1994	1995	1996	1997	1998	
PCR C040C	28.8 m	01 Mar 91	15 Aug 93		█	█	█						
SI 7B,8,9,10,11,12	20.5 m	01 Mar 91	30 Nov 92		█	█	█						
Extended SI WP Site 8	8.7 m	15 Nov 92	15 Aug 93			█	█						
RFI PHASE I SITE 13	16.3 m	12 Jul 91	30 Nov 92		█	█	█						
PCR C040D	45.1 m	20 Mar 92	01 Feb 96			█	█	█	█	█			
SMP	48.4 w	20 Mar 92	03 Mar 93			█	█						
RI/FS WP 9,10,11,12,13	11.2 m	15 Aug 92	02 Aug 93			█	█						
CA SITES 11, 13	8.0 m	16 Jan 93	23 Sep 93				█	█					
RI/FS 9,10,11,12	16.2 m	01 Oct 93	22 Feb 95					█	█				
ROD	12.0 m	22 Jan 95	01 Feb 96						█	█			
PCR C040G	78.0 m	01 Feb 96	07 Oct 02								█	█	█
RD	18.0 m	01 Feb 96	16 Aug 97								█	█	
RA, O&M, LTM	60.0 m	16 Aug 97	07 Oct 02										█

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