

August 31, 1989

INSTALLATION RESTORATION PROGRAM
NAVAL COMPLEX (NC), LONG BEACH, CALIFORNIA

HISTORY:

The Installation Restoration (IR) program is the Navy's current program for the evaluation and clean-up of sites where past Navy or Marine Corps practices have resulted in contamination of soils, groundwater, or other media by hazardous substances.

An Initial Assessment Study (IAS) of the NC, Long Beach was conducted in August 1983. IAS is similar to a Preliminary Assessment (PA) under Environmental Protection Agency (EPA) terminology. IAS identified 12 potentially contaminated sites, and concluded that none of the sites warranted confirmation studies and only recommended documentation and mitigation action. However, data surfaced recently seem to be questioning the IAS conclusions, requiring reevaluation of data per CERCLA/SARA process. The outline of the sites are as follows:

Site No.1 - Mole Solid Waste Disposal Operations. Landfilling of construction debris such as asbestos, paint, and oils. This site also may need a SWAT under State regulations.

Site No.2 - Chemical Materials and Waste Storage Area. Suspected leakage of about 3000 gallons of chemicals from pelletized wastes and containerized raw chemicals from mid-1960 until 1980. This site also may need a HAR under State regulations.

Site No.3 - Industrial Waste Disposal Pits. The site which covers an area of about 12 acres, may contain up to 2 million gallons of assorted industrial wastes. This site also may need a HAR under State regulations.

Site No.4 - Mole Extension Operations. Landfilling of sandblast grit, construction and demolition debris, ship's keel blocks, trash and scrap metals.

Site No.5 - Skeet Range Solid Waste Fill Area. This landfill has the potential of containing industrial wastes and solid wastes.

Site No.6 - Boat Disposal Location. Disposal of old boats, sandblast waste, and shipyard solid wastes from 1942 to 1965.

Site No.7 - Harbor Sediments. Discharge of about 350,000 gallons of sodium nitrite, hydrazine, solvents and chemicals to the harbor from flushing operations for 30 years.

Site No.8 - Building 210 Trichloroethylene Disposal Site. Disposal of about 200 gallons of trichloroethylene (TCE) between 1974 and 1980 from the waste generated by the electronic shop.

Site No.9 - Building 129 Ground Floor Spills. Spillage of POLs, cosmoline, and degreasing and paint removal solvents from process plants during production and cleanout, and overflow of waste trenches 129 between 1940 and 1973.

Site No.10 - Lot H Past Operations. Spills of battery acids and mercury are suspected. This site, formerly a scrap yard, is now being used as a parking lot. This site also may require a HAR under State regulations.

Site No.11 - Hillside East of Drydock. Landfilling of sandblast consisting of cuprous oxide, about 6,400 cubic yards.

Site No.12 - Parking Lot X Toxic Sandblast Disposal. Approximately 72 to 100 tons of sandblasting containing paint residues with tri-n-butyltin oxide.

CURRENT STATUS:

The conclusions made in IAS study, NAVENEVSA 13-033 need to be reevaluated. All HW sites at the Activity will be subjected to a CERCLA/SARA and State investigation process. Presence of additional HW sites or shifting of confines of HW sites indicated in the IAS are apparent; The SERVMART project (P-049) has been impacted by a HW site. It appears site 3 encompasses more of the mole pier than the original area. The current contract, Comprehensive Long-Term Environmental Action Navy (CLEAN), Southwest will be utilized for future work at Long Beach. Scope of Work and Government Estimate for SI Workplan has been developed and is scheduled for award in the 1st quarter of FY 90. Scope of Work and Govt. Est. also has been developed for the Site Inspection and is on the DERA shortfall list for FY 90.

ANTICIPATED SCHEDULE:

DESCRIPTION	START	FINISH
PA for Site 3A (New Site)	Oct 89	Jan 90
SI for Sites 1 through 12	Oct 89	Sep 90
SI for Site 3A	Feb 90	May 90
HAR for Sites 2, 3, 3A, and 10	Oct 90	Jan 91
Solid Waste Assessment Test (SWAT) for Site 1	Oct 90	Jan 91
Remedial Investigation /Feasibility Study (RI/FS) for all sites	Mar 91	Mar 92
Selection of Remedy - Record of Decision (RoD) for all sites	Apr 92	Sep 92
Remedial Design/Remedial Action (RD/RA) for all sites	Oct 92	Sep 94

BUDGET:

About \$400K has been spent to date on IR program at NC, Long Beach. Current plans will require an estimated \$1.08M for the PA/SI, HAR, and SWAT; \$1.3M for the RI/FS; \$500K for RD; and \$10M for RA.