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August 27, 1996



Department of
Toxic Substances
Control

245 West Broadway,
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Mr. Kurt Baer
Southwest Division
Naval Facilities Engineering Command
1220 Pacific Highway, Room 18
San Diego, California 92132-5181

Pete Wilson
Governor

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Secretary for
Environmental
Protection

**FINAL ENGINEERING EVALUATION/COST ANALYSIS NON-TIME
CRITICAL REMOVAL ACTION FOR INSTALLATION RESTORATION
PROGRAM SITE 3, AREA OF CONCERN (AOC) 4, NAVAL STATION LONG
BEACH, LONG BEACH, CALIFORNIA**

Dear Mr. Baer:

The California Department of Toxic Substances Control (DTSC) has completed its review of the *Final Engineering Evaluation/Cost Analysis Non-Time Critical Removal Action for Installation Restoration Program (IRP) Site 3, Area of Concern (AOC) 4, Naval Station Long Beach, Long Beach, California*, dated May 1996. The *Final EE/CA* was prepared by Southwest Division Naval Facilities Engineering Command.

In the Draft Remedial Investigation (RI) for Sites 1 through 6A for Long Beach Naval Station, Site 3, AOC 4 was identified with high levels of arsenic in the surface soils. The arsenic concentration in the surface soil samples from AOC 4 exceeded the established risk values based on the Human Health Risk Assessment. The *Final EE/CA* presents three preferred alternative which address protection of human health and the environment from the arsenic contaminated surface soil from *IRP Site 3, AOC 4*. DTSC concurs with the alternative the Navy selected which is excavation and off-site disposal. Finally, DTSC is satisfied with the incorporation and resolution to comments included in the *Final EE/CA*. As a result, the Department hereby concurs with this *Final EE/CA* for *IRP Site 3, AOC 4*.

The reason for delaying the review of the *Final EE/CA* was due to the need of resolving conflicts and critical issues on the Remedial Investigation/ Feasibility Study for Site 7- Harbor West Basin. If you have any questions, please contact me at (310) 590-5565.

Sincerely,

Alvaro Gutierrez
Base Closure Team Member
Region 4 Base Closure Unit
Office of Military Facilities

cc: Next page



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