



PROJECT NOTE NO. PN-0122-27 PN-0123-27 CLE-C01-01F122-I2-0010/CLE-C01-01F123-I2-0010	PROJECT NO. 01-F122-YS 01-F123-YT
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CONFIRMATION OF:	CONFERENCE      X TELECOM OTHER	DATE HELD	28 January 1992
		DATE ISSUED	25 February 1992
		RECORDED BY	Peter Torrey/CH2M HILL
		PLACE	Santa Ana
SUBJECT	Site Inspection Report Status Update Project Team Transition CTO Nos. 0122 and 0123 Long Beach Naval Station and Naval Shipyard Site Inspection		N60258.000370 NSY LONG BEACH SSIC # 5090.3

PARTICIPANTS: (\* DENOTES PART-TIME ATTENDANCE)

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ACTION REQ'D. BY	ITEM
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This meeting was held to update the Department of Toxic Substance Control (DTSC) on the status and progress of the Site Inspection (SI) at the Long Beach Naval Station and Shipyard and to discuss the transition of new project team members.

**Project Team Transition**

J. Lenoci and J. Walsh were introduced as the newest project team members. J. Lenoci will replace R. Robertson as project manager. J. Walsh will assume the role of lead technical reviewer from B. Wong. B. Wong and R. Robertson will be available to provide review of deliverables as a part of the review team.

**Site Inspection Report**

After a brief overview of the project, a Draft SI Report Outline for the Naval Station was presented. The Jacobs Team stated the SI Report will incorporate the report of the field work as well as information necessary to score the sites under the Hazard Ranking System. A Resource Conservation and Recovery Act Facility Investigation (RFI) cross-reference will be included in the appendix. M. Pumford and J. Zarnoch were asked to submit comments on the outline through the U.S. Navy (Navy) within 1 week.

**Analytical Data Activities**

The Jacobs Team reported that analytical results were received from the laboratories during the period of November 1991 through early January 1992. Entry of the data into the data management system is continuing. Data validation began in mid-December 1991 and should be complete by the end of February 1992.



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	<p><b><u>Preliminary Results</u></b></p> <p>Preliminary results from the SI were presented for both the Long Beach Naval Station and the Naval Shipyard. Initial discussions focused on the chlorinated solvents found in groundwater at Sites 3 and 6 at the Long Beach Naval Station. The presence of toluene in many of the samples was also briefly discussed. It is possible that toluene is an environmental contaminant at the sites, or is the result of laboratory contamination, or both. The data validation results will provide a clearer understanding of the origin of toluene and this issue will be addressed in the SI Report.</p> <p>J. Zarnoch requested that the location of a recent diesel spill at Site 6 be identified and documented by the Navy for possible inclusion in the Remedial Investigation (RI).</p> <p>Groundwater and soil at Sites 9 and 10 at the Naval Shipyard also contained chlorinated solvents. Sediment was found to contain PCBs, pesticides, and polycyclic aromatic hydrocarbons. M. Pumford mentioned the existence of a report that documents dredging activities around Pier E and the presence of high lead and tributyltin oxide levels in the sediment. The Jacobs Team is aware of the document and has examined it.</p> <p>The hydrogeology of the Long Beach Naval Complex was briefly discussed. A cross section was presented showing four of the five major aquifers (the Gaspur, Gage, Lynwood, Silverado, and Sunnyside). The Gaspur is a shallow saline aquifer immediately underlying the site. The Long Beach Naval Complex is situated on hydraulic fill, which acts as an aquitard. Northwest of the facility the Gaspur, Gage and Lynwood aquifers are injected with freshwater to halt seawater intrusion. J. Zarnoch expressed concern about the potential presence of dense nonaqueous phase liquids in the lower portions of the Gaspur or in the aquifers below it. He believes that the RI should address the potential contamination of deep groundwater.</p> <p><b><u>Site Management Plan</u></b></p> <p>A. Muckerman stated that after the Draft SI Report is completed in early May 1992, the Navy would like to prepare a Site Management Plan for all of the environmental projects being conducted at the Long Beach Naval Complex. The following tentative schedule of completions were proposed:</p> <ul style="list-style-type: none"> <li>o October 1992 - Site Management Plan</li> <li>o June 1993 - RI Work Plan</li> </ul> <p>The Navy stated they do not have sufficient funding for Fiscal Year 1992 to begin the RI effort. J. Zarnoch stated that DTSC would like to have the RI started this year and he will discuss this schedule with Mohinder Sandhu. The DTSC requested that they be allowed to give input for the Navy's 1993 funding. The DTSC will send a letter to the Navy addressing future funding and the RI.</p>



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	<p><b><u>Regulatory Issues</u></b></p> <p>J. Lenoci asked M. Pumford to discuss, based on his present understanding of the sites at the Long Beach Naval Complex, which regulations might potentially apply. Concerning this issue M. Pumford stated that the following water quality control plans contain standards which might apply:</p> <ul style="list-style-type: none"> <li>o The Los Angeles River Basin Plan</li> <li>o The California Ocean Plan</li> <li>o The California Enclosed Bays and Estuaries Plan</li> </ul> <p>In addition, M. Pumford mentioned that an environmental investigation at the Defense Fuel Supply Point in San Pedro has determined that the ocean water is classified as beneficial use for saltwater organisms. The ocean water around the Long Beach Naval Complex could be classified likewise.</p> <hr/> <p><b>List of Attendees:</b></p> <table border="0"> <tr> <td>Andrea Muckerman</td> <td>Code 1823.AM</td> <td>619/532-3657</td> </tr> <tr> <td>Yi Hwa Kim</td> <td>LB Naval Station</td> <td>310/547-7705</td> </tr> <tr> <td>Joe Zamoch</td> <td>DTSC</td> <td>310/590-4872</td> </tr> <tr> <td>Ken Masden</td> <td>LB Naval Shipyard</td> <td>310/547-7868</td> </tr> <tr> <td>Jacqueline Walsh</td> <td>CH2M HILL</td> <td>714/250-5500</td> </tr> <tr> <td>Mark Pumford</td> <td>RWQCB-LA</td> <td>213/266-7612</td> </tr> <tr> <td>Jim Lenoci</td> <td>CH2M HILL</td> <td>714/250-5500</td> </tr> <tr> <td>John Lovenburg</td> <td>CH2M HILL</td> <td>714/250-5500</td> </tr> <tr> <td>Peter Torrey</td> <td>CH2M HILL</td> <td>714/250-5500</td> </tr> <tr> <td>Rick Robertson</td> <td>CH2M HILL</td> <td>714/250-5500</td> </tr> </table>	Andrea Muckerman	Code 1823.AM	619/532-3657	Yi Hwa Kim	LB Naval Station	310/547-7705	Joe Zamoch	DTSC	310/590-4872	Ken Masden	LB Naval Shipyard	310/547-7868	Jacqueline Walsh	CH2M HILL	714/250-5500	Mark Pumford	RWQCB-LA	213/266-7612	Jim Lenoci	CH2M HILL	714/250-5500	John Lovenburg	CH2M HILL	714/250-5500	Peter Torrey	CH2M HILL	714/250-5500	Rick Robertson	CH2M HILL	714/250-5500
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