

N60258.000645  
NSY LONG BEACH  
SSIC #5090.3**MEETING MINUTES**

<b>Meeting Subject:</b> <b>MONTHLY RI/FS STATUS</b> <b>MEETING: LONG BEACH</b> <b>NAVAL SHIPYARD</b>	<b>Meeting Date:</b> 22 March 1994  <b>Meeting Time:</b> 0930																					
<b>Attendees: (*Part Time)</b>  <table border="0"> <thead> <tr> <th data-bbox="167 562 240 594"><u>Navv</u></th> <th data-bbox="561 562 667 594"><u>Bechtel</u></th> <th data-bbox="951 562 1024 594"><u>State</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="167 636 370 667">Joseph Joyce</td> <td data-bbox="561 636 732 667">Krish Kapur</td> <td data-bbox="951 636 1284 667">Alvaro Gutierrez (DTSC)</td> </tr> <tr> <td data-bbox="167 674 415 705">Anna Ulaszewski</td> <td data-bbox="561 674 776 705">Susan Livenick</td> <td data-bbox="951 674 1317 705">John Christopher (DTSC)</td> </tr> <tr> <td data-bbox="167 711 431 743">LCDR Kevin Barre</td> <td data-bbox="561 711 724 743">Fred Henry</td> <td data-bbox="951 711 1252 743">Allen Winans (DTSC)</td> </tr> <tr> <td data-bbox="167 749 363 781">Chris Leadon</td> <td data-bbox="561 749 727 781">Ed Morelan</td> <td data-bbox="951 749 1325 781">Hugh Marley (LARWQCB)</td> </tr> <tr> <td data-bbox="167 787 407 819">Duane Rollefson</td> <td data-bbox="561 787 808 819">Kathy C. Stevens</td> <td></td> </tr> <tr> <td data-bbox="167 825 391 856">Richard Selbey</td> <td data-bbox="561 825 959 856">Omer Kadaster (Kleinfelder)</td> <td></td> </tr> </tbody> </table>		<u>Navv</u>	<u>Bechtel</u>	<u>State</u>	Joseph Joyce	Krish Kapur	Alvaro Gutierrez (DTSC)	Anna Ulaszewski	Susan Livenick	John Christopher (DTSC)	LCDR Kevin Barre	Fred Henry	Allen Winans (DTSC)	Chris Leadon	Ed Morelan	Hugh Marley (LARWQCB)	Duane Rollefson	Kathy C. Stevens		Richard Selbey	Omer Kadaster (Kleinfelder)	
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<b>Additional Distribution (In Addition to Attendees)</b> None																						

Description of Discussion/Action Items: (See page 3)

**Background:**

Joseph Joyce, SWDIV RPM for the Shipyard, opened the meeting and asked for introductions around the room.

Susan Livenick, Bechtel CTO Leader, reviewed the proposed schedule for the RI/FS process. The schedule provides for submittal of the Final RI/FS on June 27, 1995, consistent with the RCRA corrective action requirements. The schedule ties in at critical stages with the Naval Station RI/FS schedule.

The schedule provides 30 days for review of plans, which include a Risk Assessment Work Plan, a Data Management Plan, an Investigation Derived Waste Management Plan and a Health and Safety Plan. All of these except the Risk Assessment Work Plan are based on the plans prepared for the Naval Station RI/FS (identical in approach, modified in content only to address issues unique to the Shipyard). The only anticipated modifications to the CLEAN I DTSC-approved Final Work Plan/SAP deals with reconfiguration of the Site 12 CTP sampling locations. An ERRATA sheet is being prepared to correct typographic and with editorial errors in the Work Plan and SAP. The schedule provides 30 days to review the draft plans and seven (7) days for DON to approve the final plans. The Draft RI/FS will be subject to a 60 day review period. Bechtel additionally will work to prepare a preliminary informal draft of the RI, released to agencies for preliminary technical comment, the purpose of which will be to reduce the burden of review of the Draft RI, to be issued 1 March 1995.

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Alvaro Gutierrez (DTSC) expressed his concern over the limited time to review shipyard documents, particularly the final plans. His workload mandates that closing bases have priority over operating installations. Joseph Joyce explained that the Navy and DTSC strategic approach was to complete the RI/FS field effort parallel to Naval Station. The effort was focused on the Complex to maximize efficiency. The Department of the Navy views the station and shipyard as one complex, and is therefore not looking at the station/shipyard cleanup effort as two independent activities.

Susan Livenick stated that field mobilization will begin 13 June 1994 and end 28 August 1994 of 1994. A one-month active preliminary sample acquisition event will be followed by two to three-week period developing contingency sampling plans based on raw sampling data. Contingency sampling will be approved and conducted during the remaining month of the field. Data validation will occur immediately after sample analysis. Data validation of contingency sample results will be accelerated in order to complete all data validation six weeks after field activities terminate.

John Christopher (DTSC) stated that he believes that is not enough time for data validation. He asked that we look at the level of validation necessary. In addition, John Christopher asked that the risk assessment specialists convene frequently to monitor the modeling effort (e.g., which model is to be used, how will it be used, and what are the assumptions to be made).

Chris Leadon (SWDIV) stated that SWDIV's counsel should be involved in the identification of ARARs. John Christopher asked that he also be involved with the identification of ARARs.

Ed Morelan (Bechtel, technical lead of the RI/FS field investigation efforts), discussed results of the IR Site 12 aerial photo investigation. Based on the aerial photo search, Bechtel, SW DIV and DTSC to concur that there is no evidence a 15' by 15' x 10' disposal pit existed on site 12 between 1971 and 1975. Rather, the aerial photos indicate that a large area of Site 12 (an "L-shaped area in the northern and eastern portions of Site 12) which was a shallow (3-4' deep) depression in which a variety of materials including sand blast grit and other materials, potentially solvents and oily wastes, were disposed of as fill material. Although the approved SAP calls for no geophysical survey but CPT and surface soil sampling (as described in Figure 4-10 of the SAP), results of the aerial photo search strongly indicated that the approved sampling strategy is inappropriate. The CPT locations in the approved plan (located on 60' centers) are based on the assumption that a pit, as a point source, has created a narrow plume (30' wide). Given broad distribution of the grit material, reconfiguration and reduction of the of the CPT points in Site 12 is appropriate. Allen Winans (DTSC) concurred with Ed Morelan's discussion, including reconfiguration and reduction of CPT points, but stated that he did not have a sense of at this time of the appropriate strategy. In addition, based on the air photo search, Allen Winans stated that the "L" area should be sampled for TAL metals & SVOCs as well as organotins.

Many schedules are being distributed for both the station and shipyard. The group requested a master schedule to be prepared. The next RI/FS status meeting is scheduled for 0830 April 13, 1994.

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<b>MEETING MINUTES/ACTION ITEMS</b>			
<b>Item No</b>	<b>Description of Discussion/ Actions Items</b>	<b>Responsible Individual</b>	<b>Due Date</b>
1	Resolve DTSC concerns over document review periods.	DTSC: Alvaro Gutierrez SWDIV: Joseph Joyce	
2	Stereo pairs of aerial photos to be provided at next RI/FS meeting to enable review of depth of depression on Site 12.	Bechtel: Ed Morelan	
3	Technical Memorandum(a) to be prepared on aerial photo search/proposed revised sampling strategy for Site 12. Include reconfiguration and reduction of CPT locations as well as inclusion of TAL metals and SVOCs in samples collected.	Bechtel: Ed Morelan	
4	Site 12 aerial photo stereo pairs (in hopes of observing "L" shaped depression) and the number of proposed samples/sample locations to be discussed at next meeting.	Bechtel: Ed Morelan	
5	Prepare master schedule for Shipyard/Station meetings	Bechtel: Susan Livenick	
6	Revise Shipyard schedule as agreed upon to be distributed with minutes.	Bechtel: Susan Livenick	