

CCN: CTO-0026/0119

MEETING MINUTES

File: 0208

Meeting Subject: MONTHLY STATUS MEETING CTO-026 (RI/FS)	Meeting Date: July 13, 1994 Meeting Time: 1000																														
Attendees: (*Part Time) <table><thead><tr><th data-bbox="175 615 256 646"><u>Navy</u></th><th data-bbox="553 615 667 646"><u>Bechtel</u></th><th data-bbox="1045 615 1127 646"><u>Other</u></th></tr></thead><tbody><tr><td data-bbox="175 674 310 705">Alan Lee</td><td data-bbox="553 674 732 705">Krish Kapur</td><td data-bbox="1045 674 1414 705">John Christopher, DTSC</td></tr><tr><td data-bbox="175 732 375 764">Mike Radecki</td><td data-bbox="553 732 695 764">David Liu</td><td data-bbox="1045 732 1414 764">Allen Winans, DTSC-HQ</td></tr><tr><td data-bbox="175 791 444 823">LCDR Kevin Barre</td><td data-bbox="553 791 980 823">Allan Chartrand (Kleinfelder)</td><td data-bbox="1045 791 1398 823">Alvaro Gutierrez, DTSC</td></tr><tr><td data-bbox="175 850 467 882">Duane Rollefson</td><td data-bbox="553 850 727 882">Ed Morelan</td><td data-bbox="1045 850 1365 882">Sheryl Lauth, USEPA</td></tr><tr><td data-bbox="175 909 358 940">David Pease</td><td data-bbox="553 909 781 940">Walter Remsen</td><td data-bbox="1045 909 1382 940">Hugh Marley, RWQCB</td></tr><tr><td data-bbox="175 968 375 999">Chris Leadon</td><td data-bbox="553 968 743 999">Dan McNary</td><td data-bbox="1045 968 1365 999">Sophia Serda, USEPA</td></tr><tr><td></td><td data-bbox="553 1026 971 1058">Omer Kadaster (Kleinfelder)</td><td></td></tr><tr><td></td><td data-bbox="553 1085 841 1117">Jacqueline Heskett</td><td></td></tr><tr><td></td><td data-bbox="553 1144 776 1176">Irene Findikaki</td><td></td></tr></tbody></table>		<u>Navy</u>	<u>Bechtel</u>	<u>Other</u>	Alan Lee	Krish Kapur	John Christopher, DTSC	Mike Radecki	David Liu	Allen Winans, DTSC-HQ	LCDR Kevin Barre	Allan Chartrand (Kleinfelder)	Alvaro Gutierrez, DTSC	Duane Rollefson	Ed Morelan	Sheryl Lauth, USEPA	David Pease	Walter Remsen	Hugh Marley, RWQCB	Chris Leadon	Dan McNary	Sophia Serda, USEPA		Omer Kadaster (Kleinfelder)			Jacqueline Heskett			Irene Findikaki	
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Additional Distribution (In Addition to Attendees)																															

Description of Discussion/Action Items: (Next Page)

Background:

MEETING MINUTES		CTO-026 (SITE 7)		July 13, 1994	
Item No	Description of Discussion/ Actions Items	Responsible Individual	Due Date		
1.	Mike Radecki, SWDIV RPM, opened the monthly progress review meeting for CTO-026 regarding RI/FS activities currently being conducted at the Long Beach Naval Station (NAVSTA).				
2.	Krish Kapur announced that Walter Remsen was leaving CLEAN II and CTO-026, and Omer Kadaster was assigned to be the new CTO-026 Lead.				
3.	<p>Walter Remsen reviewed past work: harbor sediment sampling started 6/21, partially completed 7/1. Drilling at three piers and sampling the sediments beneath the piers will complete the sediment sampling program.</p> <p>Divers inspected the outboard face of the mole and sampled sediments along the Mole (Sites 3 & 4) and under piers.</p> <p>Fish collection is the only other remaining sampling activity.</p>				
4.	Allan Chartrand presented a summary of field observations made during sediment sampling at specific areas within the Harbor. Generally the marina area was observed to be healthy biologically with a silty bottom; the shipyard area showed a clay-silt bottom, and some of the sediments under the piers appeared to be anoxic (smelled of H ₂ S). Sediments adjoining the piers were observed to be different very likely due to dredging. Abundant mussel shell hash was observed by divers under many of the piers.				

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5.	<p>Allan Chartrand described that Reference Station 10 was all clay at the surface, although each substation was sampled in triplicate. All stations were taken as planned except the subsurface core at Station 10.1, where refusal was encountered at 2 meter depth.</p> <p>Station 32.1 was sampled as a sandy substrate, and Stations 18.1 and 18.2 were added to the existing scope to provide a more complete set of reference data.</p>				
6.	<p>John Christopher asked whether the range of conditions encountered at the Harbor would have been represented had Reference Station 32 not been sampled. Allan Chartrand noted that Station 32 was needed as a reference station for the sandy conditions encountered in parts of the Harbor.</p>				
7.	<p>Omer Kadaster described the 2-month look ahead: Drilling under Piers 2, 12, and 15 to depths of 5 meters (logistics underway). Drilling planned for latter part of July 1994.</p> <p>Draft Tech Memo 5 (Fish SAP) to be ready next week for Navy and Agencies review. Important to obtain Agency approval as soon as possible so sampling can proceed on 8/22 as planned. RI report writing planned to start this week; FS is already in progress. Pre-Draft RI/FS date has been pushed out from 12/15/94 to 3/15/95.</p> <p>Alan Lee noted it will be mid-May 1995 for Draft Document to be available for Agencies.</p>				

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8.	<p>Allan Chartrand provided an overview of the Fish SAP. He noted that tissue will not be tied to sediment cleanup levels (see Tech Memo 4), but that data could be used to determine if additional consumption advisories are issued. It was proposed to use three species and to test both edible flesh (human health only), whole body (human health and ecological), and fish bile (ecological only).</p> <p>It was proposed to sample some fish on a composited basis, to which some objections were noted from the Agencies. Proposed fish species could include rubber-lipped surfperch (human health) and sandbass (from earlier Fish SAP), and a third species to be added for ecological concerns.</p>		
9.	<p>Sheryl Lauth noted that Agencies had not been involved in ecological scoping of the Fish SAP, and stated that two weeks to review the draft may not be sufficient. A more detailed presentation (workshop) would be appropriate in order to obtain consensus. EPA has concerns about the species selection and about higher trophic levels (fish-eating birds, etc.)</p>		
10.	<p>Krish Kapur pointed out that triggers become Phase II of the ecorisk assessment (birds, other predators, etc.) in Tech Memo 4.</p> <p>Sheryl Lauth was concerned that all procedures and standards for a full ecorisk assessment be followed.</p> <p>Alvaro suggested presentation of the proposed plan at a workshop before submitting the draft. It was suggested by Sheryl Lauth and John Christopher that Denise Klimas of NOAA be invited, as well as Bill Fisher, CDFG and Carol Roberts (USFWS).</p>		

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11.	Omer Kadaster suggested holding the Fish SAP workshop on Monday 7/18 or Tuesday 7/19, preferably in Norwalk. It was agreeable to all present that the Workshop be held in Bechtel's offices in Norwalk on Monday July 18, 1994, at 1400 hours. Alvaro asked for informal pre-draft to review before the meeting. Omer concurred it should be ready by noon on Monday 7/18.	Allan Chartrand	7/18		
12.	It was agreed by the attendees that the next monthly RI/FS Status Meeting for CTO-026 would be on Tuesday, August 16, 1994.				

Prepared by:	Allan Chartrand/Omer Kadaster	Date: 7/22/94
Approved by: (DON)		Date: 8/15/94
Approved by: (DTSC)		Date:
Approved by: (EPA)		Date: