

**MEETING MINUTES**

CTO-0026/0106

File: 0208

<b>Meeting Subject:</b>  Site 7/CTO26 Teleconference Call Sediment Sampling in Long Beach Harbor		<b>Meeting Date:</b> June 23, 1994  <b>Meeting Time:</b> 1330
<b>Attendees: (*Part Time)</b>		
<u>Navv</u>  Alan Lee Chris Leadon	<u>Bechtel</u>  Krish Kapur Walter Remsen Allan Chartrand - Kleinfelder Omer Kadaster - Kleinfelder	<u>Other</u>  John Christopher, DTSC (SAC) Alvaro Gutierrez, DTSC Sheryl Lauth, EPA Region IX Clarence Callahan, EPA Region IX Rusty Ferry - US Dept. Fish & Game Michael Reid - SWRCB-Calif.
Additional Distribution (In Addition to Attendees)		

**Background:**

Sediment sampling in Long Beach Harbor (CTO-026 - Site 7) began Monday, June 20, 1994. A wide range of particle size (very clayey to sandy), animals, and habitat was observed. This variance has a direct impact on the choice of which reference stations will be used. The conference call was setup to inform regulators of the above noted field conditions and to discuss contingency plans. The main issue for concern is the reference stations must show the same variability that has been found at the stations inside harbor.

Item No.	Description	Responsible Individual
1.	A summary of the first three days of sampling was presented. A wide range of particle size, animals, and habitat was noted along a cross-section of the harbor. It is essential that the reference stations show the same variability as that found inside the harbor. Doubt was expressed as to whether the current reference stations were adequate.	
2.	A contingency plan was presented which would be implemented Wednesday afternoon June 29, 1994 after the reference stations have been sampled. <ul style="list-style-type: none"> <li>a. Sample reference stations as presented in Tech Memo 4 (40010.1, 40010.2, 40010.3 and 40018.3) and observe grain size.</li> <li>b. If grain size is not representative of that found within the harbor, go to station 40020, sample and observe grain size.</li> <li>c. If station 40020 is not acceptable (not sandy enough) go to station 40032 and repeat.</li> </ul>	W. Remsen/ A. Chartrand

Item No.	Description	Responsible Individual
3.	Previous sampling at reference stations shows the following:  site 40018 - 75 to 79% fines site 40020 - 57 to 70% fines site 40032 - 26 to 40% fine	
4.	Stations 20 and 32 show toxicity but station 40032 probably not a high toxicity risk.	
5.	Michael Lyons will represent the body of regulators in determining the applicability of reference stations.	Michael Lyons
6.	U.S. Fish and Game will supply latitude and longitude for stations 40020 and 40032.	Rusty Ferry
7.	TOC data will be provided from BPTCP to be used in conjunction with grain size at potential reference stations.	Michael Reid
8.	All agreed that field decisions relating to the applicability of reference stations would be made by SWDIV and their contractor. They will be recorded and passed on to the regulators.	SWDIV/Bechtel

APPROVED: Alan H. Lee  
 Alan Lee (Remedial Project Manager)  
 Southwest Div.

6/28/94  
 Date

APPROVED: Alvaro Gutierrez  
 Alvaro Gutierrez (DTSC)  
 Cal. Envir. Protection Agency

7/13/94  
 Date