CSTF MANAGEMENT COMMITTEE MEETING
LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD
420 W. 4th Street, Los Angeles
10:00 A.M. TO 12:00 P.M.
December 18, 2001

SUMMARY OF MANAGEMENT COMMITTEE MEETING HELD ON DECEMBER 18, 2001 AT PORT OF LOS ANGELES, SAN PEDRO

ATTENDEES:

Michael Lyons, L.B. Nye, Augustine Anijielo, Deborah Smith, Thizar Tintut-Williams (LARWQCB), Jack Gregg, Jessica Morton (CCC), Jim Fields (USACE), Mo Chang (USACE), Kathryn Curtis (Port of LA), Tom Johnson (Port of Long Beach), Steve Bay (SCCWRP), Steve Cappellino, Tom Wang (Anchor Environmental), Ying Poon (Everest Consulting), David Moore (MEC), Russ Boudreau (Moffatt and Nichol Engineers), Carl Ripaldi (Alameda Corridor Transportation Authority), Don Zylstra (Kennedy/Jenks Consultants).

WELCOME:

Jack Gregg welcomed everyone to the meeting.

ALAMEDA CORRIDOR TRANSPORTATION AUTHORITY UPDATE

The Alameda Corridor Transportation Authority (ACTA) gave us a final update on their contaminated sediment dredging project they were required to complete in order to offset metal discharges that occurred during construction of the Corridor. They received a Cease and Desist Order in September 2000 for discharge flow totaling 515.85 MG, containing a total of 197.85 pounds of metals that are on the 303(d) list for Dominguez Channel (into which they discharged). These include 27.43 pounds of copper, 13.41 pounds of lead, and 157.01 pounds of zinc. The offset required was 1.5 times the amount discharged, or 297 pounds.

Potential projects to offset this discharge were reviewed with the CSTF, and the dredging of contaminated sediments in Fish Harbor, which has high metal contamination, was selected. Two sites were selected adjacent to a site where the port was already actively dredging. Approximately 196.35 tons of sediment were removed, 9,720 pounds of debris (including a ladder, cables, and a TV), and 4,000 gallons of water. Water quality was also monitored for dissolved oxygen, pH, % transmissivity, and total suspended solids and sediment samples taken for TPHe, Title 22 metals, chlorides, VOCs, total cyanide, total sulfides, % moisture, and pH. Results indicate that 743 pounds of metals were removed, or 2.5 times the amount required to complete the offset, and 3.75 times the amount actually discharged.

SUBCOMMITTEE PROGRESS REPORTS:

Aquatic Subcommittee: Pilot Projects

Aquatic Capping - The disposal of contaminated sediments from Los Angeles River Estuary (LARE) into North Energy Island Borrow Pit has been completed. 103,000 m^3 were placed in the pit, and all monitoring of dredging and disposal was completed. The capping phase was initiated on December 17 and will continue into the New Year, after a

break between December 22 to January 2. The capping requires a one-foot layer to be placed over the southern half of the site, which was achieved by pushing the barges from the back with the doors slightly open, to achieve a smooth flow of material. The second half of the site will be capped by re-handling the capping material with a bucket to decrease mixing.

During the monitoring phase of the project, material outside the area of the confined aquatic disposal pit showed signs of recently being disturbed or placed. Two possibilities exist: 1) this is contaminated material lost from the pit during placement, or 2) when material was dumped into the pit mud waves in the existing material in the pit caused dislocation. Preliminary analyses suggest that this is material that was present in the pit before the placement of the LARE contaminated sediments for this project, and that it was displaced during the placement of the contaminated sediments. A sediment tracer study was conducted and it is estimated that less than 2% of the material placed in the pit was lost during placement (a 2%-5% loss of finer grained sediments is standard). Core sampling will be conducted after the cap is placed.

Cement Stabilization – The data for the pre-test leaching and the physical results for the study are available. Preliminary examination indicates that for the leaching data, untreated samples showed high chemistry, while the treated samples all had non-detects except for butylates, arsenic, and some PAHs with the Consolidated Slip samples. The draft report should be available by the end of January. Data for the Field Pilot Study are not yet available and a presentation will be made on January 8 at a workshop planned for the results of the pilot projects.

Sediment Blending - This is largely a paper study, and part of the information necessary is the sediment quality database developed by EVS. A summary of this project will be presented at the January 8 workshop. The type of information in the report includes characterization of landfills and what types of materials are optimal for disposal in the landfills. Also being examined is how the types of materials we will be producing from dredging projects in the LA region will be accepted by these landfills and how much it will cost to get our dredge material to the quality being accepted by landfills.

Sediment Washing – The testing is now complete and WES is waiting for the data to arrive. A summary will also be presented on January 8.

Sediment Threshold Subcommittee

The sediment quality guideline database by EVS is completed and should distributed within the next week. It has been designed for three levels of integration: the first level has no integration among the different types of data, the second has integration at some levels, and the third has integration of all data. These different levels will allow for different uses and users, depending on their needs. The database will come with documentation, including a technical database manager's manual as well as a user-friendly manual. The database will be analyzed to determine any relationships between bulk chemistry and biological effects. This project will help identify those chemicals and relationships and then to place appropriate limits on the chemicals. These limits will not be a regulatory requirement, but will help to identify sediments that are likely to fail biological testing. There may be some chemicals for which the database does not

provide sufficient information; these will also be identified in the study. It is anticipated that a decision can be made as to whether the database will provide sufficient information by June 2002.

Watershed Management/Source Reduction – A Watershed Subcommittee meeting was held on December 11 to discuss current watershed data gap study activities. Two studies are underway or in the process of being planned:
Stormwater sampling – Sampling is being conducted on stormwater flows to link loadings with land use. Two thirds of the sampling was completed last year, with the other third being done this year (PAHs are being repeated this year, as they were analyzed with the incorrect detection limit last year.)
Stormwater database – Existing stormwater data from readily available electronic data sources are being assembled into a database by SCCWRP. A Scope of Work to analyze the database will be issued as the database nears completion. Analyses will include identifying contaminants, temporal trends, and specific land uses. Practices with the potential to eliminate sources of contamination will also be investigated.
Other issues discussed included CSTF coordination with the TMDL process. The next meeting, planned for January 22 (10am to noon at the Los Angeles Regional Water Quality Control Board), John Bishop and Melinda Becker of the LARWQCB will be invited to talk about Regional Board activities and possible opportunities for overlap or integration. The Los Angeles County Stormwater Permit was also approved on December 13. This permit covers five major watersheds and 80 cities. Input from CSTF Watershed Subcommittee members was incorporated into the monitoring requirements in the permit, including regional estuary sampling and benthic monitoring. Integration with Watershed Advisory Committees (WAC) was also discussed: Dominguez Channel WAC has developed a splinter group (Ports of Los Angeles and Long Beach, City of Los Angeles, and WSPA, an oil refinery) that is focused on stormwater sampling to be used for model development with SCCWRP.

Implementation Subcommittee – Comments on the Interim Advisory Guidelines and Master Dredging Permit Application have been incorporated and final drafts are being completed. The Application will likely be accepted by the Coastal Commission as a coastal development permit and a federal consistency determination/certification, as well as a Waste Discharge Requirement by the LARWQCB, and a dredging permit by the Corps and the Ports of LA and Long Beach. All comments on the 2000 Annual Report have been incorporated and this will go out to the Executive Committee, the state legislature and the governor once finalized and printed.

JANUARY 2002 EXECUTIVE MEETING PREPARATION
The need for a legislative extension for the CSTF deadline of January 2003 was discussed. This will be the focus of the next Executive meeting. Two options will be presented:

> Option 1- A request for at least an 18 month extension plus 2 years of funding would be made. This would allow for possibly two years of monitoring data from

the aquatic capping pilot project, plus more time to investigate sources of contamination in the watersheds with the anticipated development of a model being developed by SCCWRP in the next year.

Option 2 – A request for 3 years of funding and an extension. This would allow for the incorporation of 3 years of monitoring data from the capping project, plus the integration of results from the watershed modeling, as well as coordination with the Army Corps' Dredged Material Management Plan Feasibility Study, due in 2005.

The need to draft some legislation was discussed, as well as obtaining the backing of the ports and a congressperson.

INTERIM ADVISORY COMMITTEE

The Interim Advisory Committee has met three times to discuss the Port of Los Angeles channel deepening project. Issues discussed included the fate of dredge materials and the proposed monitoring efforts.

MISCELLANEOUS

The Port of Long Beach won the EPA Achievement Award for its work on the multi-user contaminated sediments disposal site.

NEXT MEETING:

2002 dates for all CSTF Management meetings were selected. They are all scheduled at the Port of Los Angeles from 10 am to 12 noon for the following dates:
February 19, 2002
April 23, 2002
June 18, 2002
August 13, 2002
September 17, 2002
October 15, 2002
December 17, 2002