

Meeting Notes
CSTF Aquatic Subcommittee
September 22, 2003
9-12 POLA

Attendees: Steve Cappellino, Steve Bay, Ying Poon, Scott Johnson, Kat Prickett, Josh Burnam, Nick Buhbe (via phone)

CAD Site Monitoring Update: Scott Douglas provided the group an update on the 2nd round of CAD site monitoring that was completed in Mid-August. Some of the noteworthy items from his report include:

- No visual observations to suggest anything abnormal (e.g., subsidence, erosion) was occurring at the site;
- Visibility at the SEIBP was less than at the NEIBP this year;
- Visual counts of burrows averaged about 1 burrow/square meter for both the NEIBP and SEIBP;
- Burrow counts significantly less than last year because of over-counting last year as a result of misidentifying burrows when they were just depressions;
- Collected about 18 samples of burrow and non-burrow material for chemical analysis;
- Bathymetry appears to be very close to last year's results;
- Coring data review
 - Concentrations were similar to last year for metals except that mercury was detected in a few of the LARE and cap material samples this year (at very low levels).
 - All samples, except one, showed very distinct drop in concentration and the LARE/cap interface. One sample showed a high concentration at the 60-70 cm interval in the cap with lower values above and below that interval. The lab is verifying the results for accuracy.
 - Burrow mound chemistry analyses are completed but have not been reviewed.
- Scott asked about the schedule for reporting the year 2 data. Steve Cappellino stated that the final data report would be needed at the end of the year for

- inclusion in the Strategy Report appendices. Tables and figures would be needed in the next few months for use in writing the main body of the report.
- Scott asked about finalizing the year 1 data report. All agreed that they should add some notes about the burrow counts to reflect the new info from the year 2 field work and any additional editorial comments from SCCWRP, then finalize the report.

TSS Data Gaps: Steve Cappellino and Steve Bay led a discussion on the status of the TSS data gap options that were presented by David Moore at the August meeting. At that meeting, the group decided to prioritize and focus on three of the options for filling data gaps: (1) collect TSS data from laboratory elutriate bioassay tests; (2) collect additional TSS data from additional stations closer to the dredge than typically performed; and (3) obtain and/or collect additional background TSS data for the region. Although Tom Johnson was not present, the group remembered that he had agreed to try and add some of these items to an upcoming monitoring effort for the POLB back channel dredging project. The group briefly discussed what the typical Water Board required monitoring program looks like and how things might be modified, but held off on discussing details until Tom Johnson could be part of the discussion.

Steve Bay presented some research that SCCWRP has started to evaluate the relationship between TSS and light transmissivity. Initial correlation curves were handed out and discussed. The work is in progress and they are looking for additional data sources to add to their evaluation. Steve Cappellino will query his co-workers to see if Anchor has any co-located data to share. The conclusion of this discussion was for a separate meeting to be held with Tom Johnson to discuss the specifics of the back channel monitoring project and which items could be added to the field work.

Strategy Report Deliverables: Steve Cappellino presented a brief update on the report process and presented a list of items that the Aquatic group still needed to complete for inclusion in the final report. These include:

- BMP Info
 - Recommended monitoring approach for dredging
 - Recommendation of physical criteria for triggering BMPs

- CAD Site Monitoring Results
 - Figures and tables from years 1 and 2
 - Recommendations for year 3 monitoring
 - Final data report for years 1 and 2 for inclusion in report appendices
- Cement Stabilization Alternative Recommendation
 - When and where should it be used and with which chemicals is it most effective? (Note – this item still needs additional research for the issue of organics as they were not very high during the pilot study. Ying Poon will conduct an additional lit search for data to close the loop).

Next Meeting – Will be held on October 21, 2003 from 9-12 at the POLA. The agenda will include the following:

- (1) Presentation from Scott Johnson of Year 2 CAD site monitoring
- (2) Discussion of Year 3 monitoring for CAD site
- (3) SCCWRP evaluation of TSS/Turbidity/Transmissivity relationship
- (4) Status of POLB back channel monitoring project