

CSMW Meeting Notes
1 December 2004
California Coastal Commission Offices

1. Welcome/Introductions/Meeting Minutes - George Domurat and Brian Baird

Brian Baird stated that the governor's administration is engaged and excited for the Ocean Policy and Master Plan. He's looking for the Sediment Master Plan to demonstrate leadership nationally when the implementation plan is completed late next year.

A copy of Marlowe and Co's newsletter for FY05 beach funding shows large amounts of monies going to New Jersey. Section 227 demonstration program received \$7M and RSM received \$2.5M nationwide.

July and September meeting minutes were approved. Lesley Ewing will provide comments to Clif Davenport via email. CSMW group approves uploading the meeting minutes on the website after Clif makes corrections.

2. Offshore Sediment Database System, usSEABED - Jane Reid, USGS

Funding by USGS started 7 years ago. West coast study started 3 years ago – 250,000 records, 2,000 data types. Different application for MMS side, potential sand resources, logical tool and other applications for the group. ARCview is up and running to look at this. These are the output – lat/long, water depth – currently working on an algorithm to develop water depths where data doesn't exist. There are 9300 data sites in southern California in usSEABED right now. With ARCview 9 the USGS has a good grid and image of the mud belt in Monterey. Jane is looking for reports/references with data, and she's here to foster collaborative work. Series of publications where the sediments are integrated into Gary Green's habitat maps. Nice visualization of rock, sand and mud for Santa Monica oblique views – may be on the web. Her work is not well funded.

ACTION ITEM: LA District to provide GIS presentation at next meeting. Looking at how all these different products will interface with master plan and layout relationships. The GIS technical group to layout relationships.

3. California Coastal Research Workshop - Kim Sterrett

The idea right now is to learn what the USGS's capabilities are and investigate other avenues toward coastal research and possible Federal funding for this research. Based on a conversation with Howard Marlowe, there is a problem with getting funding to USGS, as research programs are not as high as other priorities. Kim proposed an information email survey for potential research projects needed along the coast or a formal one-day workshop to talk about ideas and put together a research program. He encouraged everybody to "Think Big". George Domurat suggested taking the idea a bit further – what are multi agency needs, and what could they offer. He stated that Research and Development funding is getting cut across all the groups, and that multigroups may be a viable way to fund projects.

Brian Baird spoke about his meeting in Santa Cruz with coastal managers, UC marine counsel, Seagrant and others to look at coastal hazards and prepare a research strategy. There is a desire to further pursue parameters on shoreline sediment research and start off those findings. State needs this and USGS could provide it. There is a need to influence congressional people to fund these efforts. Brian felt that this group makes a lot of sense; the huge economic benefit from recreation from beaches should be geared to the implementation strategy that we are putting together. We need to define what is research? What are we talking about – information needs (literature and field?)

General discussions indicated that we don't necessarily want to limit our approach to one agency, but we may want to start with the USGS for logistical reasons. We need to think regionally, looking at the bigger picture for CA. This could be a good topic for a workshop? Identifying gaps should be dovetailed with the master plan– what don't we have to get that. A lot of questions we don't have answers for. Did we come up with applied research (yes – master plan). What are some other research items that fall underneath the master plan?

Kim will take volunteers and or ask folks to participate. Steve Aceti volunteered.

ACTION ITEM TO CSMW: Provide ideas to Kim. Question for the group - How are we going to get sand on the beaches? What are the other focuses? Match up our needs and applied research efforts to related projects? What can the federal government provide (different agencies)? Financial base – federal program to be funded.

4. Master Plan Update/Website - Clif Davenport

Clif Davenport provided PM report , which is attached.

Discussions:

Website - Brian Baird thought that either Resources Agency or the Corps should prepare a memorandum describing the website launch, as it should be considered as a pilot effort for nation. We need to get the word out, and get other folks to put it on their radar screen. He asked what's the next opportunity to formally launch the website, recognizing that the Corps and Resources Secretary need meeting first to discuss. A collaborative effort with CMANC could be possible at their conference in San Pedro next February. The website should be a focus for next meeting. Do we have analysis on hits?? Can we put a counter on it?

Literature Review- Is the database searchable? Clif wants to develop that capability and is talking with DBW staff about how to do that, and DBW may hire a student assistant to help create the database correctly. Currently, it's a topical compilation of relevant references; making it searchable creates a valuable tool.

Public Outreach- A draft plan, based on input received from our series of Public Workshops, to get local and state agencies more involved in the Sediment Master Plan has been submitted to CSMW – need to figure out how that plays out with CSMW's reorganization.

Economic Analyses- When will the report be available? Dr. King is expected to complete the final draft of his economic analysis of recreational benefits transfer and opportunistic use of geologic materials this month. The report will be submitted to CSMW for their review when available.

PPR- The first deliverable to CSMW will consist of an initial compilation of Regulations. Using an adaptive management technique, Everest will provide a series of submittals to Neal and Clif, who will review those submittals and provide Everest comments on where they need to go from here.

SCOUP- Also underway. Having worked through contracting issues, Moffatt & Nichol leads the team of project consultants; the project leader is Chris Webb. Two draft deliverables (templates) are due this month. The first template represents a regulatorily-approved process establishing compatibility between source materials and receiver beaches. The second template will identify appropriate steps to be taken when less than optimum sand (currently defined by the 80/20 guideline) is to be used on the beach.

Are the PPR folks making sure they coordinate with the SCOUP group? Yes – Chris Webb (Scoup), Dave Cannon (PPR) and Karen Green (Biological Impacts Analysis project manager) are meeting to discuss respective projects and coordinate.

ACTION ALL: Look at webpage and give comments to Clif.

ACTION: At the February meeting agenda, present the two SCOUP templates.

ACTION: Lesley Ewing and Clif Davenport to look at ways to revise the website.

5. Master Plan - Final summary of the workshops and public participation options - Leslie Ewing

The Workshop Summary has been completed, and recommendations therein need adoption by CSMW. We need to decide whether to post the one page list or entire summary. The “Quick List of Recommendations”, a distillation of the 7-page inclusive Summary, shows those recommendations assigned a higher priority level for action by CSMW. Most comments are that they want to be involved.

SMP Scope may be too broad – need a narrower vision. That is critical for what we do. We need to make that very clear. Agenda with -overview of master plan – run through on GIS/website. Member of public – want to have that information.

ACTION ALL: Review Workshop Recommendations and decide whether to incorporate into CSMW’s mission

6. Master Plan - GIS - SPL

We had a GIS meeting prior to CSMW to discuss coordination and technical work for the Master Plan GIS, IMS and Coastal Sediment Analyst Decision Support Tool. LA District will have these ready for presentation at the February meeting.

7. New Organizational Structure for CSMW - Domurat, Baird, Ewing, Fishman

Draft paper CSMW team – will send out to everybody later –

Involvement

Executive Partners

State/Fed

Stakeholder Groups

Level of involvement - Idea for February 8th Meeting is to have a morning session with executive and state and fed partners and then join with stakeholders groups. The idea is to meet four times a year with a quick summary for public and one or two topics for public discussion.

This makes for a long day and would need to be kept very structured. Rotating stakeholder agendas. Need to discuss this overall approach. Hold special meetings whenever we need to. Ongoing – once a year larger meeting pull in the executive partners and operations – in conjunction with big conference - logical reason to be there anyway.

CMANC has set up their winter meeting at the Sheraton – LA Harbor from the 9th and 10th of February. MAJ Riley will be attending.

Things to consider – process of meeting, room structure, meeting time and locations, meeting minutes – more formal administrative task. We are not yet ready to have this all done by February.

ACTION ALL: Get comments on the management restructuring plan back to George.

8. Other State Study Activities

Kim Sterrett- New money pumped back into master plan. This current year – \$800K Pacific Grove shoreline repairs pedestrian walkway. Corps looked at it, but not justified. Santa Cruz East Cliff Drive looks great; repair work blends in.

Chris Higgins – Last year the California Geological Survey (CGS) was involved with Minerals Management Service (MMS) and DBW in a national sand project administered by MMS looking at sand deposits at the 3-mile limit and beyond. Their products include 1) the literature review completed for CSMW 2) an evaluation of dredge technology, and 3) an overview of data inventory information as pertains to sand deposits. Those results are being supplied to MMS and DBW at end of this month. CGS is currently looking to find ways to continue this work for year 2. MMS requires a 50/50 cost share, and the matching funds are needed. CGS is the California equivalent of USGS.

9. Los Angeles District Study Activities - Susie Ming

RSM - are currently waiting to hear about funding for FY05 and the funding for California.

Section 227 – LA District working on going through the environmental permitting process and getting our decision support document and Memorandum of Agreement completed through our HQ.

10. San Francisco District Study Activities - Tom Kendall

Waiting for funds from RSM.

Ocean Beach – Princeton shoreline candidate for 111 study. Research – Lesley - status of program authority funds – looking bleak. Earmarked – congress – get funded – insufficient funding. Nationwide at 111 – more earmarked request that there are dollars in the program. New 111 – in the program – told Washington new start – not popular. Make an attempt. We haven't completed a lot of things we told we would complete before we start new ones. Leave it Tom and Susie Oceanside did with Kim – Oceanside originated 111 – actually caused downcoast problem – study at 100% federal feasibility.

Congressional add – to do that study – get in recon. Section 103 options? May not have justification.

Arena make it in there....

Section 111 potential at Moss Landing... good news will continue – are in the corps request for budget for that project. Not in language, but we are already in the system. Not as bleak.

11. Other items as time permits - All

Kim will send out sediment fate and transport proposal to group. Applied for NOAA grant and should hear back early next year.

Need to flush out the listserv list . Please have Melissa send that out to the group for updates.

12. Next Meeting - All

February 8th, 2005 – San Pedro, California.

CSMW PROJECT MANAGER'S REPORT

December 1, 2004

This document provides a general overview of the status of each of the projects being conducted as part of CSMW's coastal Sediment Master Plan. A schedule showing expected timeframes for completion of various tasks within each project accompanies this document.

WEBSITE DEVELOPMENT:

- The website is up and running, while various elements are still being added. Address is <http://www.dbw.ca.gov/csmw/csmwhome.htm>
- Information on each of the State-lead Sediment Master Plan projects is available on the Sediment Master Plan Page. Webpage format includes a brief description within the center portion of the page, and links to more detailed information contained within the right-hand column.
- Information on USACE-lead SMP projects is forthcoming
- The "Quick Hits" area at the top of the right hand column on the homepage and other webpages takes one immediately to the designated topical section. Currently, the "Public Questionnaire" used to collect input during the public outreach efforts and the recently compiled "Literature Search" pages are available through this method of access.
- CSMW background and related work areas ("components") have been described. Project Information for the LA and SF Districts probably need to be updated, as does the Section 227 information for SF District.
- We're continuing to build on the website as time and data availability permits. Areas where I need input for posting include a list of State studies that DBW is updating, better introduction pages for the RSM, NSMS and Section 227 components of CSMW, background information on USACE-lead SMP projects, and additional relevant documents that will hopefully eventually represent a library of useful information.

PUBLIC OUTREACH:

- Our series of workshops has been completed,
- Comments received at each workshop are posted on CSMW's website,
- Our workshop coordinator and CSMW subcommittee has prepared a summary of comments and recommended actions by CSMW
- These recommendations have been under review by CSMW since the last Steering Committee meeting, and are up for adoption at this meeting.
- A draft plan for getting local and state agencies more involved in the Sediment Master Plan has been prepared; further actions in this area await the results of CSMW's reorganization.
- A mailing list of workshop participants and interested parties is undergoing QA/QC review and the inclusion of additional contacts being procured from select workshop hosts.

- Funds for the project have been expended.

LITERATURE SEARCH

- This task has been completed and the results posted to CSMW's website. The information is available through a link at the Sediment Master Plan page and at "Quick Hits".
- This information has been under CSMW review since shortly before the last meeting. Minimal comments have been received to date.
- Future efforts, depending on time and resource availability include developing a process to "sort" through the references, and to update the database with references obtained as part of the Biological Impacts Analysis.

ECONOMICS ANALYSES

- CSMW has reviewed the draft report evaluating the economics of RSM in Ventura and Santa Barbara counties, prepared by Dr. Philip King from SFSU. Dr. King is revising his report to reflect comments received and a final draft is expected in December 2004.
- Dr. King's major findings indicate that the use of opportunistic sediment is very cost effective compared to traditional nourishment projects, that incremental costs of moving dredged material by barge are relatively small and the benefits significant, and that using sediment from debris basins could be cost effective in certain cases as well.

POLICIES, PROCEDURES AND REGULATIONS ANALYSES;

- The PPR Project (David Cannon is the PM) is underway with the first deliverable due to CSMW on December 7. The deliverable will consist of the Everest team's initial compilation and assessment of PPRs. CSMW will need to review the submittal prior to December 17, to provide Everest direction on what needs to be done to complete this task.
- The final summary of the PPR analysis is expected in January 2005.

SAND COMPATIBILITY AND OPPORTUNISTIC USE PROGRAM

- The SCoup project is underway, lead by a team of professionals headed by Moffat & Nichol (Chris Webb is the PM). The first two deliverables are due this month.
- These deliverables consist of testing protocols to establish 1) compatibility between receiver beaches and potential opportunistic sand sources and 2) the appropriate steps to take is the use of less-than-optimum (i.e., 80/20 coarse/fines) sands are desired
- CSMW folks, regulatory and reviewing agency staff are meeting on 12/2/04 at SANDAG to discuss an early version of the two deliverables. This meeting is

meant to start a process leading to regulatory acceptance of the protocols when they have been completed.

- Future deliverables include the development of all elements of a regional opportunistic reuse of sediment program, including the CEQA project description, and the preparation of a CEQA document for public review.
- NEPA review will be facilitated through the LA District USACE.

REGIONAL SEDIMENT BUDGETS

- Dr. Gary Griggs and his students at UCSC are conducting this project. They are updating and refining known information on sediment (sand) budgets for all littoral cells in California under current and pre-existing natural conditions, and will eventually prepare a summary document providing the non-technical reader with a sense of how sediment budget information can most appropriately be utilized.
- They have recently added an effort to determine the cumulative sediment losses over time for the various littoral cells.
- CGS, DBW and CalTrans are investigating how to fund UCSC to conduct a sediment budget study of the Big Sur coastline.

BIOLOGICAL IMPACT ANALYSIS

- This project is underway as of this week. A team of professionals headed by SAIC (Karen Green is the PM) will investigate and address the many issues brought forward relating to the potential impact that sediment management activities might have on our natural resources.
- CSMW folks, regulatory staff and reviewing agency personnel are meeting on 12/2/04 at SANDAG to discuss how the project will proceed. Our efforts to find folks with biological backgrounds have been successful, as both Bob Hoffman (NOAA Fisheries) and Marilyn Fluharty (CDFG) have agreed to participate in the project in an oversight/guidance role.
- The first deliverable for this project will be the format for the annotated bibliography that the SAIC team will subsequently prepare for CSMW's review and approval. The draft format is expected this month.

FATE & TRANSPORT OF FINES

- We are in the final stages of contracting with the US Geological Survey to conduct a two-year project to develop regional fine-grained sediment (mud) budgets from San Francisco to the border with Mexico. This project will complement the sand budget work being implemented by UCSC, and hopefully address many of the regulatory concerns about "where are the fines migrating to".
- Dr. Jonathan Warrick is the PM for the USGS. Their work will consist of quantifying fine sediment input from rivers and bluffs and fine sediment sinks on a recent and long-term (Holocene) basis, and integrating this information into a source-to-sink mud budget for southern and central California.

GIS DATABASE ENHANCEMENT

- This project is in the funding development stage. Assuming that funds are made available to CSMW, Noble Consultants will be tasked to 1) georeference sites listed in the California Shoreline Erosion Inventory 2000 study, and 2) develop a potential sediment source data inventory.
- Noble will need to coordinate their efforts with the Coastal Commission's efforts to inventory all bluff erosion sites in California

GIS DEVELOPMENT

- This project continues to move forward under the guidance of USACE, LA District. USACE and DBW are working on a Memorandum of Understanding (MOA) to accommodate the transfer of State funds to the USACE for this Project. Final signatures on the MOA are expected this week.
- A "GIS Oversight Committee" is being developed, will meet on a monthly basis and report regularly to the CSMW.
- A Service Agreement contained within the MOA addresses input of data gathered as part of the state-lead SMP projects into the GIS.

IMS DEVELOPMENT

- This project continues to move forward under the guidance of USACE, LA District. USACE and DBW are working on a Memorandum of Understanding (MOA) to accommodate the transfer of State funds to the USACE for this Project. Final signatures on the MOA are expected this week.
- The USACE Mobile District's Spatial Data Branch (OP-J) will develop an ArcIMS site that will incorporate GIS layers and relational databases into the existing RSM GIS infrastructure under a Service Agreement included within the MOA.

USACE REPORTING

- This project continues to move forward under the efforts of USACE, LA District. USACE and DBW are working on a Memorandum of Understanding (MOA) to accommodate the transfer of State funds to the USACE for this Project. Final signatures on the MOA are expected this week.
- The 905(b) report has been completed and approved, and work on the Project Management Plan will be completed under a Service Agreement included within the MOA. The PMP is scheduled to be completed by February 2005.