



CSMW Meeting Minutes

March 20, 2013

9:30 AM – 1:00 PM

USACE San Francisco Offices – Lobby Conference Room

NEW ACTION ITEMS:

PREVIOUS ACTION ITEMS:

- **Heather** – Beneficial Use – follow-up with State Water Board (Dominic) (**Chris** to send contact info) Heather to follow up and Chris has also reached out too.
- **Mark Johnsson** – follow-up with Nancy/Alyssa about displaying the Coastal Armoring layer on the webmapper. Still waiting for CCC (Mark Johnson to James).
- **ALL** – Send ideas of what topics we might be missing from our current activities to Chris/Susie/Clif/Heather
- **Chris** – Send topics for CSMW panel for H2O to Chris. Chris will call Steve Aceti. Kristen Goodrich on the committee – largely set.
- **ALL** – Send public meeting ideas to Chris/Susie/Clif/Heather
- **Clif/Heather** - Develop a matrix/list of all sediment activities in CA and post on website - PENDING
- **Susie/Heather** – follow-up with IWR regarding National Shoreline Management Study (how will report be used?) – Draft document will be made available to all of CSMW for comments (by mid-March to **Susie/Heather**), Jim asked for it to be sent with a different vehicle so that it can be sent to others (yousendit)
- **Heather** - follow-up with Steve regarding OMB B/C policy - PENDING
- **Mark** – follow-up on potential for CSMW to give presentation to Coastal Commission – turned over to Charles Lester and Susan Hench to look into possibility
- **Topics for future meetings**
 - Curt Storlazzi – fine sediment in Santa Cruz Harbor
 - San Clemente Dam Removal (Jon Warrick/Sara Flores)
 - SPUR activities (Tamara/John to report)
 - Bob Guza – nearshore wave model
 - Brenda Goeden – SF Bay CRSMP
 - Jon Warrick - Elwha Dam removal project
 - Coastal Conservancy Project Manager - Monitoring on San Clemente Dam removal project
 - Revisit Crescent City RSM status; literature search and data collection efforts
- **Jon Warrick and Chris Potter** – follow up on Klamath Dam removal process monitoring– Jon Warrick will follow-up regarding monitoring (find out organization)
- **John Dingler** - Suggestions for CSMW forum for Del Norte discussion with new executive director; John still waiting for a call back from Richard Young.



- **Chris** – Follow-up with SWRCB regarding classification of clean sediments as pollutants in CA – Jon Bishop and Dominic Gregorio (new State Water Board ocean wetlands chief) – still ongoing
- **Chris Potter/Susie Ming/Heather Schlosser** – Will reconvene the PPR subcommittee to discuss the RSM Top Ten Recommendations – This may be a good topic for a public workshop
- **Susie and John Dingler** will prepare a memo re: pros and cons of CSMW participating in funding LCP updates – PENDING (OPC approved \$2.5M for grants to local communities for LCP updates that incorporate local sea level rise – look at guidelines developed by OPC/Conservancy) – Chris will ask Sarah Flores to give an update. Chris will follow up with Sarah. OPC taken action.

COMPLETED ITEMS:

- **Jenny Jacox** – find out with draft Water Plan will be available
- **Chris** to follow-up with Steve Aceti on potential funding RE: WCGA Dredging Proposal. Have comments and will talk with Kim and Phil King.
- **Susie** – Contact Dan Swenson about a joint SC-DMMT/CSMW meeting – May 15th meeting.

❖ **Welcome and introductions (Chris Potter/Heather Schlosser)**

❖ **Presentation: Systems Approach to Geomorphic Engineering (SAGE) (Janet Cushing, IWR)**

- SAGE Presentation – community of practice innovative approach to look at coastal landscape. Presentation on ftp site.
- Apply hybrid alternative – green and grey solutions
 - a. Engineered “soft” (green)
 - b. Hard (gray)
- Internal collaboration/no current specific authorization.
 - a. Charley Chesnutt and the coastal team are trying to get pieces of the different activities.
 - b. NSMS, Sandy Recovery planning, SAGE
 - c. Future we may get authorities for specific projects.
 - d. Examples – collaborating with states? Or still developing the program – still early stages of collaboration.
 - e. Potential virtual workshop – share inventory of knowledge
 - f. Database being developed by VIMS and stored on their server
 - g. If you have ideas or bring up particular challenges. Things that we can do in the DC area to help.
 - h. Corps project perspective – helping more in the planning stages.
 - i. Ecosystem services – there is RND project in the corps consider ecosystem services in the planning process. ERDC and coPIs – moving

toward framework fit within planning process - federal and cost share interests. How that will fit into smart planning.

j. Janet and Charley to come out and have a meeting with OPC staff.

❖ Presentation/Discussion: Tijuana NERR (Kristen Goodrich)

- 28 reserves managed by NOAA – co managed by state – CA State Parks and Fish and Wildlife service.
- Fate and transport of sound science into decision making
- Bi-national management challenges product of location.
- Sediment Tijuana – trash and bacteria issues. Sediment can choke estuary before it can reach the ocean. Re-establish prism.
- Next Steps
 - Deltares – predictive tools/approach
 - Studies
 - Bacteria
 - Microplastics
 - Biological
 - Communication and Outreach Efforts
- Fecal bacteria indicator study come from all kinds of organisms. Showed it didn't go far and went away quickly. In peer reviewed journal.
- TRNERR – adaptation strategy – river valley and vulnerability and impact to sediment and shoreline change.
- Using results of research
 - Site specific placement at TRNERR
 - Regional context
 - How can it inform policy (80-20 rule)? Streamline process of beneficial use.
 - Continuing conversation.
 - Jon Warrick road show.
- Discussion
 - Biological impacts from the fines – Vicky Frey – contaminants attached to fines and biological impact to putting fines on the beach related turbidity.
 - Pilot study showing something that we didn't know.
 - Biological - Jon Warrick to also look at biological impact such as water quality. Additional sampling analysis, the modeling has been focused on that question. There are tools in these model that can look at various conditions.
 - Model and results from physical sampling – can look at certain threshold and persistence. They can be assessed and compared to natural variability.
 - Would be helpful to hear more about the biological aspects.
 - Need help from biologists.
 - Research needs – OPC

- Summary report for managers – portfolio of information
 - Shauna research need bring up grant proposal seagrant.
 - OST of peer review of biological analysis – can we add research needs analysis to that scope of work! Chris Potter. Problem OST is not state agency and treated as outside contractors. Perhaps put out to bid. Chris/Aaron – meet up on this item.
 - Shauna – be interested to give comments as to the kind of research of some of our agencies. Suggest Fish and game and CCC. Clif can help out and Jon Warrick on scientific review. Kristen – practitioner perspective – we use this research for specific site placement beneficial use questions.
- ❖ Presentation/Discussion: SANDAG RBSP II (Shelby Tucker/Chris Webb via web meeting/teleconference)
- Project started around Labor Day in September – almost three months later it completed in December.
 - First in IB (one month) – then Oceanside and then south (1 week to 10 days).
 - Great lakes dredge and dock used the liberty island dredge
 - Increased public outreach from the previous RBSP I – used twitter and facebook and updated webpage to keep that updated on progress.
 - Great consultant team – Moffatt, AECOM and Merkel, Coastal Frontiers, URS, Everest Consultants
 - Post Construction photos were quickly dispersed and saw benefits up and downcoast.
 - Wildcoast provided aerial photos and SANDAG took additional photos and flew entire regional to get great aerals.
 - IB pier/lifeguard tower stopped at white roof at south end.
 - Project spread dramatically and consistent of other beaches. Quantity of material moved to estuary. Monitored and that it won't close off with estuary.
 - IB issues
 - Pre-fill conditions and built beach – winter wave conditions – a lip on the edge form and pool at back of the beach, causing problems moving down through revetment to houses and street. SANDAG doing the remedial measures of beach shaping work to take care of any issues.
 - Funded provided by DBAW and coastal cities.
 - Discussion
 - Project will ideally occur every 5-10 years. SANDAG is looking into sediment management devices to retain those beach widths to elongate the need for replenishment.
 - Good quality sand – should stick around perhaps a decade.

- RSM next phase of SANDAG work to look at pilot sand retention with nourishment project – look at the region for sand retention with less nourishment.
- Expensive – offshore reef, habitat.
- SANDAG submitted proposal to OPC but was not carried forward but they will resubmit.
- SANDAG is working on funding these efforts on their own through voters funds set aside for use on environmental related projects.
- Lessons learned – worked well, felt they had to do more as it is social media is cost effective.
- Public meetings are hard, but they had the required meetings.
- Cities helped with outreach along with SANDAG. They would also post and eblast groups. Project phone number, email and listserve.
- Weekly update on the list.
- Monitoring for 6 years.
- Mild winter climate helped but also helpful is the sand gradation. Sand was better than expected. Staying in place and didn't have a lot of turbidity control.
- Liberty drafts 30 feet and sit outside at 45 ft. Half mile offshore – had a mile of pipe - just depended on the resources.
- Monitoring of the offshore borrow – bathymetric – cross section every other year. No biological monitoring. First RBSPi project showed re-colonization pretty quickly. In the EIR biological appendix – done by SAIC.
- RSM implementation – need funding. SANDAG in the lagoon areas related to I5 widening – continue implement parts of the plan as they can. Difficult with no funding sources. SANDAG is a willing cost share partner. Approach small and large scale and retention is good.

❖ Review of action items from 2/20/13 meeting (Heather Schlosser)

❖ **Updates: Federal Agencies**

- USACE, LA District (Susie Ming/Heather Schlosser)
 - Encinitas-Solana – public comment ended February 26th. Team is working on response to comments.
 - Pismo Beach – Division Commander sent CCC Executive Director Letter regarding conditions on consistency determination.
- USACE, SF District (John Dingler)
 - Humboldt/Eureka RSM plan – updated draft received, not available for review for all of CSMW yet. Will post for review once initial review is completed.
 - ABAG SF Coastline – have some CEQA document before they adopt RSM plan. Talked with Athena Honore. We still have questions if it's necessary. Various levels of CEQA evaluation. Open for more input and requires a separate discussion soon.

- Parallels issue trying to include LCP and more CEQA ramifications.
- ABAG looking at governance and the adoption/implementation to the future.
- Possible contact is Ken Bogdan, a CEQA expert – ICF consultants SF Bay Control Boards.
- Senate proposal for WRDA 2031 section
 - Has discussion reduction in non-federal share in placing material in a beneficial way – RSM section.
 - Secretary determines sediment beneficial reduction or avoidance of cost. (federal project)
 - Need to have two authorized projects – navigation and shore protection
- RSM legislation coming out of BEACON
 - Push this week to get governor’s office RSM legislation added to section 2031 of draft WRDA.
- USEPA (Brian Ross)
 - No update
- USGS (Jon Warrick)
 - Sequestration will impact in travel and field work. Conference and meeting are off.
 - Coastal resilience work.
 - Elwha Dam Removal – 1 MCM lobe off the river mouth. Washington – largest dam removal project of two dams 8 and 20 kms up the river. Release 10%. 34MCM in those reservoirs. Project by park service.
- NPS (Tamara Williams)
 - SPUR moving forward on their Ocean Beach Project and it looks like pilot studies in the next year.
 - Coastal engineering inventory drafted for the parks. GIS product with text/photos documented engineering along our shorelines. Worked with Oregon State and reviewed by Lesley Ewing and Bob Battalio. More eyes better to comprehensive review.

❖ **Update: Sediment Master Plan PM Report (Clif Davenport)**

- CA Water Plan
- Follow up SLO stakeholder interest.
- Conflict of interest Bob Battalio – Susie working on draft response.
- City of Monterey to their council – still waiting.
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❖ **Updates: State Agencies and NGOs**

- Boating and Waterways (Kim Sterrett)
 - Covered in PM report
- Coastal Commission (Lesley Ewing/Mark Johnsson)
 - No update
- Other State Agencies



- Need State Parks – talking to Syd’s boss replacement. Syd may come back as rehired annuitant.
- NGOs
 - No Updates.

Next Meeting
****April 17th (Wednesday)****
Teleconference



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