



**CSMW Meeting Minutes
September 18, 2013
9:30 AM – 12:30 PM
San Francisco**

NEW ACTION ITEMS:

- Invite Trish Chapman back for Nov/Dec meeting
- **Heather:** Talk with Brian Ross about his availability for Beneficial Use discussion

PREVIOUS ACTION ITEMS:

- **ALL** - National Shoreline Management Study – Comments due on revised draft by next Thursday 29 August 2013. Report to be finalized early September. **UPDATE:** Will be working with USACE-IWR to get this technically reviewed. Will update on schedule
- Chris Potter to discuss proposal regarding pilot project with John Warrick.
- **Chris Potter** will talk with Jenny Jacox re: BCDC software/sediment papers
- **Clif Davenport** to talk with Sam Johnson regarding future presentation on the CA Mapping Project **UPDATE:** At the Nov meeting.
- **Chris Potter** to talk with Patrick Barnard regarding future presentation on SF Bay papers Still ongoing
- **Chris Potter** to continue to bring up designation of sediment as clean with State Water Board (Noyo) – Dialogue initiated with Paul Hahn Still ongoing
- **Jon Warrick and Chris Potter** – follow up on Klamath Dam removal process monitoring– Jon Warrick will follow-up regarding monitoring (find out organization) Still ongoing

COMPLETED ITEMS:

- **Patrick Barnard** to provide pdfs of SF Bay papers to be included on the CSMW site Links sent
- **ALL** – Send ideas of what topics we might be missing from our current activities to Chris/Susie/Clif/Heather. Some input received, but more is needed (Susie, Kim, others).
- **Clif/Heather** – Develop a matrix/list of all sediment activities in CA and post on website – **UPDATE:** Consultant will be doing this.

TOPICS/PRESENTATIONS FOR FUTURE MEETINGS

- **October and beyond**
 - CA Mapping Project (Sam Johnson)
 - SF Bay papers (Patrick Barnard)
 - Fine sediment in Santa Cruz Harbor (Curt Storlazzi)
 - Nearshore wave model (Bob Guza)
 - Elwha Dam removal project (Jon Warrick)



- Revisit Crescent City RSM status; literature search and data collection efforts (Chris Potter/Clif Davenport/John Dingler)
- RSM Top Ten Recommendations – This may be a good topic for a public workshop (**Chris Potter/Susie Ming/Heather Schlosser**)
- Sediment Traps and lack of dredging – Move sediment into a different littoral cell? (Jim Haussener)
- LCP Updates
- Summary of SF Central Bay and Open Coast Provenance Study (Patrick Barnard)
- Presentation on OC RSM Plan (Heather Schlosser/Susie Ming/Everest)
- Perhaps a group discussion in regards to future RSM proposals.

❖ **Welcome and introductions (George Domurat and Chris Potter)**

❖ **Presentation: San Clemente Dam Removal Project (Trish Chapman, SCC)**

- Dam built in 1921, 100+ ft, over 1400 acre-ft of storage
- 3rd EIR finally looked at dam removal
- Concerns
 - Flooding impacts downstream
 - Trucking sediment – too many trucks
 - Safety of the dam – need to remove as quick as possible
- Options
 - Reroute channel, and stockpile sediment essentially in-place
- Old Carmel River Dam will also be removed
- Deal
 - California American Water (CAW) to pay \$49M
 - SCC and NMFS to raise up to \$35M
 - Cost = \$84M
 - SCC and NMFS to assist with design and permitting of project
 - Design-build project
 - Concerned about liability, so decided to go with design-build
 - Means you get permits with 30% design, which is a concern for regulatory agencies
 - CAW will donate project area to BLM
- Status
 - Started construction in July 2013
 - Geotech, access road, clearing and grubbing
 - Still need \$5M
 - Issue with cap on state mandated funding restrictions
 - 2014
 - Complete Water Diversion
 - Construct Diversion Dike and Stabilized Sediment Slope
 - Majority of Sediment Excavation
 - Partial Dam Removal



- 2015
 - Complete Sediment Excavation
 - Restore Combined Flow Reach
 - Habitat Restoration
 - Dam removal
- 2016
 - 10 years post project maintenance and monitoring
- For more info:
 - www.sanclementedamremoval.org
 - Trish Chapman
 - State Coastal Conservancy
 - 510-286-0749, tchapman@scc.ca.gov

❖ **Discussion: List of CSMW sponsored activities (Clif Davenport)**

- See Excel spreadsheet titled “SMP PM Tasks 2013-2014 Sept 2013 v-3.xls”
- Webmapper
 - Having issues with the Coastal Project Records Tool
 - Outreach effort
 - ESRI Conference proposal – Coastal Protection and Marine Spatial Planning
 - “Coastal Sediment Management on the Web”
- CSMW Website
 - Major overhaul recently
 - Need updates for the Agency Partners and Programs page
 - CCC – RSM info
 - CalCoast
 - USGS
 - OST
 - OPC
 - CA Fish and Wildlife
- References Database
 - Need to update – recent RSM Plans
 - BCDC database to be added – just the list, not the actual papers
- Outreach
 - Will be initiating a 2nd round of public meetings – 6 meetings, with additional meetings a possibility – Steve Aceti can help with room reservations for San Diego County
 - Fine-Grain Sediment Study – for consideration – they have an outreach program for managers
 - potential topic for CSMW outreach meetings, or as a scientific workshop/working meeting – look forward to unresolved problems/issues
- Sediment Management List
- Updates to BECAs



- Water Board/TMDL coordination
- Implementation
 - Rincon Parkway nourishment proposal (with BEACON)
 - Half Moon Bay
 - San Diego (location TBD)
- Bigger Picture
 - Do we have a sense of long-term plan for the Master Plan/CSMW
 - Master Plan study sunset is September 2015 – need to discuss at next management meeting

❖ **Discussion: Discussion on beneficial use white paper (Brian Ross/Heather Schlosser)**

- Proposal has been submitted to USACE's National RSM Program. Background:

“When dredged material (primarily sand) is placed nearshore for the basic purpose of nourishing a beach or supporting the littoral system, it is considered “beneficial use” and is regulated under the Clean Water Act (CWA) as “fill.” However, if the purpose of the dredged material discharge is instead waste disposal (as defined by EPA), it is regulated under the Marine Protection, Research, and Sanctuaries Act (MPRSA, or Ocean Dumping Act), and involves a much more extensive permitting process. Determining if a discharge is likely to serve its intended beneficial purpose is key to whether it will be regulated as fill under CWA versus as a waste under MPRSA. In addition to determining the regulatory process to be followed a significant quantity of clean dredged material that could provide benefits to beach profiles may end up being placed in depths too great or at alternate sites because the benefits are not recognized and regulatory agencies and other users/stakeholders oppose nearshore placement.

Being able to determine a beneficial use zone along the West Coast would greatly benefit the Regional Sediment Management concept and aid navigation, coastal storm damage reduction, and ecosystem restoration projects and is consistent with the Engineering with Nature concept. Nearshore placement of material has also been used as an effective tool in several project locations (such as Grays Harbor and Mouth of the Columbia River) to minimize risk of damages to navigation features near erosional hotspots. As outlined in the preceding paragraph, being able to answer the question of whether placement of dredged material is considered “beneficial use” or “wasting” sediment (as it is called by EPA regulations) is critical in the regulatory arena. By working with the EPA and others to define this zone, the opportunities for placing sediment in the nearshore to benefit the littoral zone would be better understood and accepted. It has been suggested that a two-stage guidance document be developed that would include site-specific depth limits, including the delineation of interim regulatory depth limits when site-specific data is lacking.”

❖ **Updates: Federal Agencies**

- USACE, LA District (Susie Ming)



- Encinitas-Solana Beach
 - Will be pursuing smaller alternatives and will submit to CCC by 9/20 for the November hearing
 - Cities are trying to get a site visit arranged for the Commission during the October hearing
 - Per Steve Aceti – Brian Brennan has indicated that he is concerned because he has not heard from Encinitas and he stressed that they need to communicate with the Commissioners
- Pismo Beach
 - Still working on reassessment language with the CCC
- Morro Bay RSM
 - Public meeting tomorrow (9/19)
- Coastal Engineering Research Board meeting
 - **Long Branch, NJ**
 - **September 4-6, 2013**
 - **THEME: Hurricane Sandy – Response, Recovery and Resilience**
 - Meeting Concept: To explore impacts due to Hurricane Sandy on the water resources infrastructure and coastlines of North Atlantic Division and discuss research needs associated with sustaining resilient coastal communities and systems through risk reduction, regional sediment management, and ecosystem restoration activities.

Main Take away messages:

1. Risk Communication
 - a. We must be able to communicate risk to the public.
 - b. “If you can’t envision it, you probably aren’t prepared to deal with it.”
 2. Post-storm data shows that beaches with dunes and larger beaches had less damage than adjacent beaches.
 3. Multiple layers of “defense” are important to resiliency planning.
 4. Collaboration with partners is critical for response, recovery and resilience. Work with partners proved to be important for “quick” recover efforts and will be even more crucial to develop and Integrated Resilience Framework.
 5. National Academy of Science’s definition of Resilience”
The ability of a system to resist, recover and/or adapt to the stresses of adverse events.
- USACE, SF District (John Dingler)
 - Nearshore Placement at Mouth of the Columbia River – YouTube video shows reaction of crabs to disposal – potential for presentation in Humboldt area
 - SF Coast RSM Plan
 - Meeting with ABAG 9/17 to discuss concerns with them “approving” the plan.
 - Concerned if the plan recommends implementation



- Completion of plan in February 2014
- Issues have been raised about Sharp Park Golf Course
- USGS (Jon Warrick)
 - Willing to help with CERB for next year
 - Passed along article this past week – Sediment is being viewed as an important element in resilience planning
 - Have project updates that can be given at future CSMW meetings
- Tijuana River National Estuarine
 - contract with Deltares to do modeling of fine-grain transport
- ❖ **Updates: State Agencies**
 - Coastal Commission (Mark and Lesley)
 - August Hearing
 - Seawall in Pacifica – if there is a major redevelopment, would need to prove that seawall is still needed
 - Mitigation for recreation impacts because of seawall construction
 - Look at value from a real estate perspective
 - Seawall at a State Park in Santa Cruz approved
 - Russian River Estuary Management Plan approved
 - Solana Beach LCP – City adopted it
 - Humboldt Bay – Sea Level Rise study/report – will be out for public review soon for 60 days
 - LCP updates – through OPC/SCC (to address Sea Level Rise); CCC (\$1M in grants)
 - Cautioned against including riprap/structures in RSM Plans
 - Hiring 25 new staff (limited term) to assist with LCP updates
- ❖ **Updates: NGOs**
 - CalCoast (Steve Aceti)
 - AB976 – Failed, would have given CCC ability to levy fines
 - H2O Conference – last week of May 2014 at Catamaran Hotel in San Diego
 - Working with Encinitas and Solana Beach
 - CMANC
 - WRDA Update
 - House version – going for markup 9/19
 - may have potential for beneficial use of dredged material, potentially at Federal cost
 - AB727 – Mineral Rights

Adjourn

Next Meeting
****October 16th****
Conference Call or In-person



CSMW ATTENDEES September 19, 2013

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|-------------------|--------------|--|
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