



## CSMW Meeting Minutes 18 March 2009

### MEETING FOLLOW-UP ITEMS from Past Meetings:

- ✓ Chris will set up sub-committee meetings to discuss the RSM plans and the Biological Impacts Analysis (2 different groups) – Let Chris know if you are interested in participating in either meeting. – groups have been identified, waiting to hear from ABAG and BCDC prior to setting up RSM meeting
- ✓ Chris will follow-up with ABAG in regards to a San Francisco RSM plan – In Progress
- ✓ George to update CSMW on upcoming Corps dredging projects – Next Meeting

### MEETING FOLLOW-UP ITEMS:

- ✓ Clif – contact Coastal Commission for new Shoreline layer
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### ❖ MLPA Initiative – Melissa Miller-Henson

- Planning process designed to help the state implement the Marine Life Protection Act
- Public-private partnership
- Divided the state into 5 study regions
- Have completed the Central Coast and hope to complete the North Central Coast by the end of 2009, now looking at the South Coast Section
- South Coast Region – have just compiled first round of MPA draft arrays
- Stakeholder driven process
- State Law was passed in 1999
  - Improve the design and management of marine protected areas (MPAs) in state waters
  - Focuses on marine ecosystems and habitats rather than a single species
  - Requires a Master Plan for MPAs – process for designation, enforcement
  - Use “best readily available science”
  - Should revisit MPAs about every 5 years
- Designations:
  - State marine conservation area (SMCA) – generally used about 50% of the time
  - State marine park (SMP) – prohibits commercial extraction activities
  - State marine reserve area (SMR) – “no take/extraction” areas
- Institutional Partners – Resources Legacy Fund Foundation, CA Natural Resources Agency, CA Dept of Fish and Game (DFG)
- Groups

- Blue ribbon task force (BRTF)
- Statewide interests group
- Regional stakeholder group (RSG)
- Master Plan science advisory team – approx 20 scientists
  - Water quality, sediment management and military use areas have been big issues in the South Coast region
- Staff and contractors
- Guidance is given from DFG, BRTF and the SAT to the RSG for Proposal Development. The proposals are then presented to DFG, BRTF and the SAT – feedback is then given to the RSG. Recommendations are then given from the BRTF to the Fish and Game Commission. Public involvement and comments are encouraged throughout the process.
  - Draft arrays – currently have 1<sup>st</sup> round of arrays for the South Coast
  - Need to have at least 2 array proposals with a maximum of 5.
  - The BRTF is really interested in the proposals that have support amongst the majority of groups
- Common Concerns
  - MLPA does not confer any new regulatory authority to DFG – other agencies would need to address those issues – DFG will send issues raised by the process to the appropriate state agencies
    - Cannot address water quality
    - Has no authority in military use areas
    - Cannot regulate beach nourishment
  - There is no mandate for a minimum area in each study region that needs to have MPAs
  - The SAT does not “draw lines” for proposals
  - Private foundations do not have direct development over MPA proposals outside of normal public comment.
  - MPAs are a useful management tool
  - All human activities do not end after an area is designated as an MPA.
- CSMW’s main concern is that areas designated as marine reserve areas would seemingly prohibit dredging or disposal due to the language in the definition that states “no take of biological or geological changes. Could affect the permitting process by other agencies with jurisdiction if areas are designated reserve areas. [MMH- There is an example of Morro Bay being in a reserve area and getting an exemption written into the designation that would allow dredging within the harbor].
  - Coastal Commission has stated that they will not exert jurisdiction over designations as long as public access is not impacted within an area.
  - DFG already reviews every activity that might affect living marine resources.

- Has the SAT used the draft Biological Impacts Report – Melissa was not sure, but Cliff says from reports he has gotten from DFG staff that it has been used and was helpful.
- Could there be language in the MPAs that says the intention is not to further restrict normally permitted activities (such as dredging and disposal/placement). Could the legislation be changed to add a broad exemption for dredging and disposal?
- Does this process affect the lagoons? Jurisdiction is from the Mean High Tide Line out 3 miles. DFG mapped each estuary and lagoon to determine which ones are in their boundaries.
- CSMW has provided MLPA staff GIS layers of BECAs, historic beach nourishment sites, potential offshore sediment locations and base maps for reference
- Website: [www.dfg.ca.gov/mlpa/](http://www.dfg.ca.gov/mlpa/)

❖ **Web Mapper – John Carotta**

- WebMapper is being hosted by CERES and data is stored on the statewide GIS data repository site Cal-Atlas
- The site has been redeployed using the next generation platform ArcGISServer and is easily accessible through the CSMW website
- Some example new layers – existing MPAs, sea level rise year 2100, historic beach nourishment locations, offshore sediment sources, and a new base map that allows quick zoom changes and eliminates needs for some of the old layers (e.g., roads, major highways)
- Can download data layers from WebMapper, and access the CSMW website and Reference Database directly.

❖ **SANDAG Coastal RSM Plan – Shelby Tucker and Chris Webb**

- SANDAG governed by a Board of Directors
  - Shoreline Preservation Working Group – provides guidance and technical expertise to the Board
  - Regional Comprehensive Plan (RCP) – is the Regional Vision framework
  - Integrated Regional Infrastructure Strategy
  - Quality of Life Funding Strategy – address unfounded needs by identifying funding sources – beach sand replenishment with retention structures is included in the strategy
- Region extended from Oceanside to the CA/MX border
- San Diego coastline – narrow cobble beaches in the 1990's prior to substantial nourishment
- Region needs at least 30 MCY to completely restore the beaches in the region and 400 KCY per year as maintenance.
  - Could add 1 MCY per year to offset the 400 KCY per year and supply the 30 MCY over a 50 year time period.

- 2001 Regional Beach Sand Project – 2.1 MCY placed along San Diego County – material lasted about 5 years (this is where the 400 KCY per year erosion/dispersion rate comes from).
  - Sand lasted from 2001 to 2005, then in 2006 there was a “beach building” year because of the wave climate and the sediment seemed to come back onshore. But the next year showed the shoreline receding again.
- Plan looks at retention structures (now called sediment management devices) in order to reduce the volume of sediment needed to maintain the shoreline – target volume decreases from 1 MCY/yr to 0.5 MCY/yr (an assumption which they recommend be verified by studies)
  - Oceanside, Carlsbad, Solana Beach, potentially Encinitas and Imperial Beach are all interested in structures
- Sediment Sources are outlined in the plan
  - Offshore sand source locations have been identified – relic river mouths represent some of the largest
- SCOUP Program – once all the sites are permitted and if fully operational, 900 KCY per year of opportunistic sand could be supplied by the regional programs (90% of needed sediment to reach goal of restoring beaches)
- Lagoon Maintenance – plan suggests placement on the downcoast shoreline
- Longshore Transport – bi-directional transport - about 60% of sediment is transported south (vaies dependant on location, climate, time of year)
- RSM sites – have been sited to avoid environmentally sensitive areas
  - Large nearshore disposal sites have been identified
  - A lot of the sites have been used for disposal in the past or are newly permitted SCOUP sites
  - Recommend dredging sand from the nearshore area north of Oceanside Harbor and pumping it south of the harbor. Have had initial discussions with Camp Pendleton and they may be interested
- Need to proactively address stakeholder concerns and regulations
- Barriers to RSM Plan implementation
  - Politically and economically feasible?
  - Economics – looking at ways regional and local governments can provide funding for large-scale projects
- Corps – looking at “Beach Ecosystem Restoration” – Corps may be able to provide funding in the future.....

❖ **Noyo Harbor discussion – Craig Conner**

- Dredging Noyo Harbor this year – will need to dispose of material at HOODS this year.
- Historically placed in an upland site – now looking at \$60/cy to place upland.
- Corps prefers to place in the nearshore – looking for a site to hold 20 years worth of material.



- Most of sandy stretches within the area are State Parks, with some pocket beaches that are not State Parks.
- Potential disposal areas – MacKerricher State Park and Soldier Bay
  - There are environmentally sensitive areas at MacKerricher – and beach material is not needed in this area
- Would placing this sediment in the nearshore be beneficial reuse of sediment (aka “Is it needed in this area?”)

❖ **PM Report – handout from Clif**

❖ **CBrES**

- Dave Revell reviewed the CBrES report in comparison to work from PWA performed as part of the Public Research Institute’s report on Sea Level Rise 2100
- Gary Griggs – provided comments
  - Potential name change from CBrES to CBECS (CA Beach Erosion Concern Survey) because some areas are of concern for local agencies, but not necessarily an area that needs nourishment

❖ **Other Issues**

- Coastal Engineering Research Board (CERB) – headed by the Director of Civil Works (General Temple), 3 Division Engineers (all General), and 3 Civilian members (Dick Seymour, Margaret Davidson, John Headland)
- June 3-4 in San Diego – theme is “Data Management”

**NEXT MEETING**  
**Conference Call**  
**April 15, 2009**  
**9:30 – 11:30**



## CSMW ATTENDEES

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## **SMP PM REPORT**

### **March 18, 2009**

#### **Coastal RSM Plans:**

1. SANDAG incorporating CSMW comments into final report. Presentation today will cover substance SANDAGs vision for implementation and MOffatt Nichols presentation of Plan substance.
2. Environmental Work to Support SANDAG RSM Plan: A/E has completed Draft Description of Proposed Action and Alternative (DOPAA) and Field Studies report for 12 sites along San Diego County
3. Members of RSM subcommittee are in with conversation with BCDC and ABAG staff re: these two organizations collaborating on a RSM plan. Goal is to come up with a proposal that will encompass the entire San Francisco littoral cell. (Current BCDC proposal does not cover the entire littoral cell.) RSM subcommittee will reconvene once it receives an update on the status of its RSM proposal. Anticipate that this will occur later this week.

#### **California Beach Erosion Concern Survey (CBECS; formerly CBRs)**

1. Clif has completed incorporating public comments received to date.
2. Clif and Caleb to visit San Mateo coastline to look at possible additions to BECA list. Caleb to construct list of northern California candidate sites as well.
3. Need to decide what minimum level of concern is appropriate for inclusion as “CSMW add”

#### **GIS/IMS**

1. John Carotta has upgraded the spatial data website (aka “WebMapper”) accessible through the CSMW website. His presentation today will focus on how to utilize the tools on WebMapper to view the various data layers currently on the website

#### **Biological Impact Analysis Report** (aka Review of Biological Impacts Associated with Sediment Management and Protection of California Coastal Biota)

1. CSMW subcommittee meeting to evaluate SAICs proposal to upgrade/enhance the BIA is scheduled for 4/14 at SCCWRP.
2. Funding for this effort remains to be quantified.

#### **Sediment Master Plan Status Report 2008**



1. 2008 Sediment Master Plan status report has been completed by Heather and Chris. Questions remaining to be answered include: does it require further review by the CSMW to be considered final? What other steps are required before the report is released to the public; e.g., Governor's office notification?

#### Coastal Sediment Benefits Analysis Tool (CSBAT)

1. A/E should have next version of CSBAT tool ready in the next couple of weeks

#### CSMW Website

1. Miscellaneous update activities

#### CSMW Reference Database

1. Awaiting submittal of references from SANDAG/Moffatt Nichol used in compilation of Coastal RSM Plan