MEETING NOTICE AND AGENDA

SHORELINE PRESERVATION WORKING GROUP
The Shoreline Preservation Working Group may take action on any item appearing on this agenda.

Thursday, October 1, 2009
11:30 a.m. to 1:00 p.m.
SANDAG, 7th Floor Conference Room
401 B Street, Suite 800
San Diego, CA 92101-4231
Staff Contact: Shelby Tucker
(619) 699-1916
stu@sandag.org

Guiding Principles:
- commitment to unified approach for local decisions on sand replenishment;
- address local needs and maximize positive regional impacts;
- encourage cooperation and coordination;
- contribute equitable fair share from local participants; and
- promote opportunities for beach sand replenishment.

AGENDA HIGHLIGHTS

- REGIONAL SHORELINE MONITORING PROGRAM ANNUAL REPORT
- UPDATE ON REGIONAL BEACH SAND PROJECT II

SANDAG offices are accessible by public transit.
Phone 1-800-COMMUTE or see www.sdcommute.com for route information.

In compliance with the Americans with Disabilities Act (ADA), SANDAG will accommodate persons who require assistance in order to participate in SANDAG meetings. If such assistance is required, please contact SANDAG at (619) 699-1900 at least 72 hours in advance of the meeting.

To request this document or related reports in an alternative format, please call (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-1905.
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>RECOMMENDATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>WELCOME AND INTRODUCTIONS</td>
</tr>
<tr>
<td>2.</td>
<td>PUBLIC COMMENTS/COMMUNICATIONS</td>
</tr>
<tr>
<td> </td>
<td>COMMENTS</td>
</tr>
<tr>
<td> </td>
<td>Members of the public will have the opportunity to address the Shoreline Preservation Working Group (SPWG) during this time.</td>
</tr>
<tr>
<td>+3.</td>
<td>SUMMARY OF THE JUNE 4, 2009, MEETING</td>
</tr>
<tr>
<td> </td>
<td>APPROVE</td>
</tr>
<tr>
<td> </td>
<td>The June 4, 2009, meeting summary is attached for Working Group review and approval.</td>
</tr>
<tr>
<td>4.</td>
<td>REGIONAL SHORELINE MONITORING ANNUAL REPORT</td>
</tr>
<tr>
<td> </td>
<td>INFORMATION</td>
</tr>
<tr>
<td> </td>
<td>Staff from Coastal Frontiers Corporation will provide the Working Group with a presentation on the 2008 Regional Shoreline Monitoring Report.</td>
</tr>
<tr>
<td>+5.</td>
<td>REGIONAL SHORELINE MONITORING PROGRAM</td>
</tr>
<tr>
<td> </td>
<td>RECOMMEND</td>
</tr>
<tr>
<td> </td>
<td>The Monitoring Program has been funded by the coastal cities since 1996. It provides valuable information that supports the Regional Shoreline Management Program efforts as well as other efforts going on at the local, state, and federal levels. Our contract will be ending and the region’s coastal cities are being asked to continue to fund the Monitoring Program.</td>
</tr>
<tr>
<td>6.</td>
<td>REGIONAL BEACH SAND PROJECT II</td>
</tr>
<tr>
<td> </td>
<td>INFORMATION</td>
</tr>
<tr>
<td> </td>
<td>Chris Webb from Moffatt &amp; Nichol will provide the Working Group with an update on the status of Phase 2 efforts. Phase 2 includes the environmental, permitting, and final engineering.</td>
</tr>
<tr>
<td>7.</td>
<td>QUALITY OF LIFE FUNDING STRATEGY UPDATE</td>
</tr>
<tr>
<td> </td>
<td>RECOMMEND</td>
</tr>
<tr>
<td> </td>
<td>The SANDAG Board of Directors has recommended amending the TransNet Extension Ordinance to extend the deadline for acting on a potential future funding measure. In addition, the Quality of Life Ad Hoc Steering Committee has expressed its interest in initiating the public outreach and education program. SANDAG staff will provide an update on the Quality of Life funding strategy and solicit a volunteer to represent the Shoreline Preservation Working Group on a Quality of Life ad hoc working group.</td>
</tr>
<tr>
<td>ITEM #</td>
<td>RECOMMENDATION</td>
</tr>
<tr>
<td>-------</td>
<td>----------------</td>
</tr>
<tr>
<td>8.</td>
<td>SHORELINE MANAGEMENT PROGRAM UPDATE INFORMATION</td>
</tr>
<tr>
<td></td>
<td>Steve Aceti from CalCoast will discuss the status of state and federal legislation related to shoreline management program efforts. And, SANDAG staff will provide information on local and regional efforts.</td>
</tr>
<tr>
<td>9.</td>
<td>ADJOURNMENT AND NEXT MEETING INFORMATION</td>
</tr>
<tr>
<td></td>
<td>The next regularly scheduled Working Group meeting is Thursday, December 3, 2009, from 11:30 a.m. to 1:00 p.m.</td>
</tr>
</tbody>
</table>

+ next to an item indicates an attachment
MEETING SUMMARY OF JUNE 4, 2009

Members in Attendance:
Pam Slater-Price, County of San Diego, Chair
Joe Kellejian, City of Solana Beach, Vice Chair
Jim Bond, City of Encinitas
Crystal Crawford, City of Del Mar
Carly Downey, City of Coronado
Jim Janney, City of Imperial Beach
Eileen Maher, San Diego Port District
Teresa Barth, City of Encinitas (Alt.)

Advisory Members in Attendance:
Steve Aceti, California Coastal Coalition (CalCoast)
August Felando, California Lobster and Trap Fishermen’s Association (CLTFA)
Louie Guassac, Southern California Tribal Chairmen’s Association (SCTCA)
Bob Hoffman, National Marine Fisheries Service
Michele Okihiro, Scripps Institute of Oceanography
Kim Sterrett, State Department of Boating and Waterways

Staff Subgroup:
Ray Duncan, City of Oceanside
Steven Jantz, City of Carlsbad
Y. Sachiko Kohatsu, County of San Diego
Greg Wade, City of Imperial Beach
Kathy Weldon, City of Encinitas

Others:
Walt Crampton, Terracosta Conservation
Bill Curtis, City of Oceanside
Thyme Curtis, Office of Councilmember Faulconer, City of San Diego
Dave Downey, North County Times
Ann Dunham, Seacoast Preservation/CalCoast
Teri Fenner, EDAW
Karen Green, SAIC
Lawrence Honma, Merkel & Assoc
John Metz
1. Welcome and Introductions

Chair Pam Slater-Price, County of San Diego, called the meeting to order at 11:34 a.m. and welcomed the group.

2. Public Comment/Communications

Members of the public had the opportunity to address the Shoreline Preservation Working Group (Working Group) on subject matter that is not on the agenda. None were received.

Shelby Tucker, SANDAG, announced that the California Shore and Beach Preservation Association (CSBPA) will hold a conference on Recent Advances in Coastal Analyses and Management Affecting California in Pacifica, California, from June 25 to June 26.

Ms. Tucker announced that Ray Duncan, Shoreline Preservation Staff Subgroup, is retiring after 48 years of work for the City of Oceanside. Members of the Working Group thanked Mr. Duncan for his dedication and contribution to the Working Group.

3. Agenda Item #3, Summary of the April 2, 2009, Meeting

Carrie Downey, City of Coronado, noted that the word “reaches” should be “beaches” under the first paragraph of item 5 on page 7; with that correction, she motioned to approve the summary. Crystal Crawford, City of Del Mar, seconded the motion, which carried without opposition.

4. Agenda Item #4, Potential Future Regional Sea Level, and Erosion and Flooding Scenarios

Dr. Reinhard Flick, from the California Department of Boating and Waterways (DBW) and Scripps Institute of Oceanography (SIO), presented to the Working Group current information on possible future sea level rise scenarios in Southern California and the San Diego region. He also discussed possible implications for beach erosion and coastal flooding.

Dr. Flick noted that even with the existence of good sea level, temperature and wave data, records, and models, there is still a low level of confidence in predicting how beaches, shorelines, and wetlands will respond to future sea level rise and inundation. With these limitations, scenarios provide possible accounts of projected courses of future events that might unfold in the region. Although the degree of beach loss varies by scenario, overall, the region’s beaches are projected to experience a substantial reduction in beach width as a result of sea level rise, erosion, and flooding.
Ms. Slater-Price stated that, if given additional information, she would be happy to write a letter to our legislators concerning Dr. Flick’s remark on the issue of funding for satellite upgrades or replacement.

Steve Aceti, CalCoast, inquired if this information has been shared with the Cities of Solana Beach and Encinitas as it relates to their beach sand replenishment project with the U.S. Army Corps of Engineers (USACE). Dr. Flick stated that it has not.

Jim Bond, City of Encinitas, inquired if atmospheric warming is offset by the cooling of the earth’s core or volcanic activities. Dr. Flick stated that volcanic action is important, in that it can emit significant amounts of aerosols in the atmosphere during a major eruption, shielding sunlight, which can cause a cooling effect.

5. Agenda Item #5, Update on the Marine Life Protection Act Initiative

Ms. Tucker introduced Louis Guassac, the newest advisory member of the Working Group from the Southern California Tribal Chairmen’s Association and a member of the MLPA Stakeholder Group. She also called attention to two handouts distributed at the start of the meeting: (1) a one-page status update on the Marine Life Protection Act (MLPA), and (2) a draft letter to Ken Wiseman, Executive Director of the MLPA Initiative, expressing concern over the designation of Marine Protected Areas (MPAs) in the San Diego region. The letter is planned for approval by the SANDAG Board of Directors in July.

Mr. Guassac stated that the letter to Mr. Wiseman is very well written, however, he recommended the inclusion of a statement regarding cultural resources. Additionally, Ms. Downey noted that only listing SANDAG’s Web site in the letter to Mr. Wiseman is not sufficient. She recommended that since public record is being compiled for the MLPA process, maps of the proposed MPA sites along with SANDAG borrows sites be included in the letter. Ms. Tucker stated that the maps would be created and included with the letter.

Ms. Slater Price asked if any members would object to sending this letter as amended by Mr. Guassac. Ms. Downey motioned to send this letter forth. Ms. Crawford seconded the motion, which passed without opposition.

Mr. Guassac provided an update on the MLPA Stakeholder Group’s efforts to identify marine protected areas in the South Coast region. He stated that the sites under consideration are currently in a state of flux due to internal disagreements within the Stakeholder Group over the site locations. Mr. Guassac encouraged Working Group members to attend the MLPA summer public workshop to provide input on proposed MPA sites.

On the issue of sand replenishment in the region, Mr. Guassac stated that he was advised that the MLPA process will not impact this operation for borrow sites or receiver sites. Ms. Tucker inquired if it is true that the MLPA will not impact the borrow sites but will affect the placement sites. Mr. Guassac said that he would look into this matter.
Mr. Aceti remarked on a conversation he had with a staff member from the Natural Resources Agency in which a recommendation was made to discuss with the MLPA the designation of conservation areas, either in place of or within a reserve area. As a second level MPA designation, conservation areas would not interfere with sand borrow sites or placement sites. Ms. Tucker noted that the MLPA update handout provides the definitions of the various MPA designations.

Crystal Crawford, City of Del Mar, spoke of her meeting with Ken Wiseman at the Natural Resources Agency in Sacramento. Ms. Crawford stated that she left the meeting with the sense that their concerns are being heard and accommodations would be made because Mr. Wiseman had mentioned the ability to make adjustments to the MPAs to account for the different issues that are important to the region. Additionally, she noted that the MLPA is a major priority for Governor Schwarzenegger and this effort will be completed by the end of his term. Ms. Slater-Price added that what Ms. Crawford spoke of is in line with what was presented at a meeting with the San Dieguito River Park, which ended with its members’ endorsement of the MLPA.

Mr. Bond noted that MLPA representatives also gave a presentation to the League of Cities but none of its members left the meeting fully convinced that beach sand replenishment activities would be protected. He also expressed concern that the permitting process will be prolonged with the establishment of MPAs. Mr. Bond emphasized the need for an integrative process for the successful implementation of MPAs in the region.

Mr. Guassac reiterated the fact that the MLPA is in its second round of developing the MPA arrays and that the maps are currently in a preliminary form. Mr. Guassac stated that he would inquire if the maps can be shared openly with the Working Group.

Dr. Flick questioned if the MLPA process would be completed by end of the Governor’s term since the Conference Budget Committee has voted 10-0 to eliminate the MLPA.

Ann Dunham, Seacoast Preservation Association, provided public comment and expressed concern over four out of six MLPA maps that show most of the beaches in Encinitas as preservation areas. She hoped that Mr. Guassac will return with a concrete answer that sand replenishment will not be affected.

Greg Wade, City of Imperial Beach, noted a disconcerting blog on the Los Angeles Times Web site, which discussed how the Blue Ribbon Taskforce had ignored the Stakeholder Group’s proposal to eliminate the most restrictive MPA map. A major criticism of the MLPA process is that the Blue Ribbon Task Force is making decisions despite the recommendations from the Stakeholder Group. Ms. Tucker stated that this is the reason why each MLPA group is specifically named in the letter to Mr. Wiseman to ensure that this letter will be distributed to all groups involved in the process.

Teresa Barth, City of Encinitas, inquired about the availability of workshop information to the public. Ms. Tucker stated that this information would be disseminated through the list serve. Karen Bane, California Coastal Commission, said that MLPA workshops are going to be held in San Diego County on June 29-30 and in the Los Angeles area on July 6-7.
6. Agenda Item #6, Completing the Tijuana Estuary Sediment Fate and Transport Pilot

Karen Bane, project manager for the California Coastal Commission, discussed the benefits of the Tijuana Estuary Sediment Fate and Transport Pilot Project. The Pilot is designed to collect data to determine if the “80% sand: 20% fine” rule of thumb for near shore deposition is unnecessarily precautionary. If higher percentages of fine-grained sediment may be placed in the near shore environment, then the cost of coastal management such as beach nourishment, dredging for flood control, and wetland and river restoration could be significantly reduced statewide. The Pilot, which was interrupted by the freeze on spending state bonds, may be completed in fall 2009 if an additional $486,008 could be secured for work that must be repeated (e.g., baseline monitoring and mobilization of equipment on land and in the ocean). Ms. Bane solicited contributions or recommendations for other funding sources to eliminate the budget shortfall.

Mr. Kellejian stated that due to financial constraints the outlook that SANDAG or any coastal city will pool their resources to eliminate this shortfall is bleak. He suggested that Ms. Bane can look to private organizations or the State for funding.

Mr. Bond recommended looking into the federal stimulus programs for dollars since the Pilot is shovel-ready.

Bob Hoffman, National Marine Fisheries Service, questioned the utility of the findings from this project since its applicability would be for systems similar to the Tijuana Estuary. He stated that to think that the result of this project could readily translate to every coastal system in Southern California would be a stretch.

Ms. Bane said that it is unfortunate that Mr. Hoffman believes this to be the case; however, she had received assurances that this project will aid in all of the coastal wetland restoration and recovery projects.

Mr. Aceti noted that this Pilot Project was the topic of many presentations during the recent USACE Coastal Engineering Research Board Meeting that was held in San Diego. He respectively disagrees with Mr. Hoffman in the utility of the study. Mr. Aceti suggested that funding may be available under the USACE’s Regional Sediment Management program.

7. Agenda Item #7, Regional Beach Sand Project II (RBSP II)

Ms. Tucker updated the Working Group on the progress of the RBSP II. She stated that staff is awaiting signatures for the MOUs and finalizing the task order with the consultant team. Phase 2 of the project (Environmental Review, Permitting, and Final Engineering Plans) is scheduled to begin by June 15 or no later than July 1, 2009. The project is on track for construction in 2012 and will take approximately two years to complete.

Joe Kellejian, City of Solana Beach, remarked on the joint effort by the City and the U.S. Army Corps of Engineers to create a wider beach with the Fletcher Cove Submerged Reef Project. This project would be in accordance to SANDAG’s Shoreline Preservation Strategy, which identified the use of retention structures as a means to reduce the long-term cost of sand nourishment in the region. In this vain, the City of Solana Beach requested that the RBSP II include the coastal engineering
modeling results for sand retention structures in its CEQA and NEPA documents since the study area is the same.

Ms. Tucker stated that a lot of time was spent debating if the retention concept should be included in this project and staff concluded that it is not the appropriate time to do so due to funding issues, potential project delays, and the criticisms that it might generate.

Chris Webb, Moffat and Nichol, stated that staff discussed this issue in length and had decided to set the retention component aside and move ahead with only beach sand nourishment at this point because of the delays in reviewing SANDAG’s State application for a retention pilot study in the region and the possibility that retention could be used as a target for attacking the RBSP II. Mr. Webb noted that staff is aware that retention could be introduced as a component in the scoping process of the environmental document as a test case to determine the public’s reaction; however, this would lengthen the environmental review process and increase cost.

Mr. Kellejian stated that it would only cost approximately $20,000 dollars if retention is included in SANDAG documents versus a $500,000 cost if the City of Solana Beach decides to venture on this alone.

Mr. Bond expressed reservations about including the retention component as a test case because it could be contentious. Agreeing with Mr. Bond, Ms. Slater-Price added that she is hesitant to include a component that would add hardship to this project, especially when two of the region’s coastal cities have decided not to participate. Although she believes retention to be a good idea, she stated that it is the wrong time to do so.

Ms. Downey stated that she supports including retention as a test case to gauge reaction. She noted that as an alternative, it does not need a high level of analysis, it can be ruled out if it is indeed contentious, and it may appease questions regarding the lasting effects of the beach nourishment project. Eileen Maher, Port of San Diego, concurred with Ms. Downey.

Due to the fact that this project will require a joint CEQA/NEPA document, Terri Fenner from EDAW cautioned that the cost of this project might change considerably because an equal analysis must be done for all alternatives. She also noted that there would be an issue over project description since the details of the retention device is unknown.

Ms. Tucker inquired if Solana Beach would pay for the additional cost incurred from the retention analysis. Mr. Kellejian confirmed this to be the case.

Dr. Flick stressed that from a technical and coastal processes viewpoint, sand retention must ultimately be recognized as a long-term strategy to keep beaches wider because the region cannot afford to place sand on the beach without some kind of sand retention device, especially for the North County. He added that it would be absolutely foolish not to consider this.

Ms. Crawford inquired how the inclusion of a retention component would affect the project schedule. Staff stated that the 2012 timing could still be achieved; however, this schedule cannot be totally guaranteed.
Ms. Tucker added that there may be some contract ramifications as a result of potentially adding the retention component and would notify the Working Group of any issues.

Ms. Downey moved to include retention in the RBSP II as a test case for scoping during the environmental review process that can be later accepted or rejected by the Working Group based upon the findings, and, if kept on as a component, the City of Solana Beach would pay for any additional cost incurred from its inclusion. Mr. Bond seconded the motion, which passed without opposition.

8. Agenda Item #8, Legislative Update

Mr. Aceti briefed the Working Group on the legislative progress of the marine debris bills. He noted that many of the bills have been designated as two-year bills due to the State budget deficient. Additionally, Mr. Aceti announced that the 2009 Headwaters to Oceans (H2O) Conference will be held on October 27-29 at the Long Beach Hilton. Additional information on this event is available online at www.coastalconference.org.

Ms. Tucker noted that staff is monitoring the Governor’s proposal to merge the Department of Boating and Waterways (DBW) with State Parks and will notify the Working Group on any developments or issues concerning the DBW’s beach restoration funds.

Ms. Slater-Price remarked on an editorial in the Los Angeles Times discussing Congress' decision to comprehensively review and clarify the Clean Water Act. She noted that she has passed letters to different organizations to urge legislative support to reinstate protection to our wetlands, tributaries, and smaller bodies of water that have been short shrift under the last administration.

9. Adjournment and Next Meeting

Ms. Tucker stated that the next scheduled Working Group meeting is Thursday, August 6, 2009, from 11:30 a.m. to 1:00 p.m.; however, SANDAG Board, Committees, and Working Groups do not normally meet in August. The Working Group was asked whether to hold the August meeting, reschedule for September, or cancel the August meeting and hold the next regularly scheduled meeting on October 1, 2009.

Ms. Downey motioned to have the meeting on October 1, 2009. The motion was seconded by Mr. Janney and passed without opposition.

The meeting was adjourned by Ms. Slater-Price at 1:21 p.m. The next meeting will be on October 1, 2009, 11:30 to 1:00 p.m.
Regional Shoreline Monitoring Program

**Introduction**

Funding for the Regional Shoreline Monitoring Program (Program) has been provided by the region’s coastal cities since 1996. The Program provides physical measurements of the region’s beaches essential to the design and evaluation of efforts to manage the region’s shoreline.

**Recommendation**

SANDAG staff recommends that the Shoreline Preservation Working Group recommend to the Regional Planning Committee and the Board of Directors the continuation of the Regional Shoreline Monitoring Program.

**Discussion**

The Program measures the impacts of beach erosion over time, documents the benefits of sand replenishment projects, and helps to improve the design and effectiveness of beachfills. Success of the Program depends on a continuation of the basic components. These components include beach monitoring (39 transects and aerial photography) and lagoon entrance monitoring (closure and maintenance records and aerial photography). Consistency over time has allowed trends to be seen, which are used to plan projects such as the Regional Beach Sand Project (RBSP), as well as lagoon restoration and maintenance dredging.

Continuation of the Program was approved in 2005 and expires in 2010. SANDAG staff is seeking a recommendation for approval for the continuation of the Program. This Program is separate and distinct from any requirements that may be mandated by the permitting agencies as part of the RBSP. Those cities participating in the RBSP are required to pay for additional shoreline and biological monitoring.

If continuation of the Program is approved, SANDAG staff will begin the procurement process in FY 2011. The goal is to have the consultant team chosen by the expiration of the current contract with Coastal Frontiers Corporation. The current contract will be extended for one year (2010-2011). This extension will require that the program be scaled back for one year due to funding constraints that exist within the original contract.
SANDAG staff is recommending the following changes to the 2010-2011 Program to reduce costs:

- exclude aerial photos
- cease creation of the fall and spring letter reports
- exclude lagoon analysis section from annual report (lagoon closure and maintenance records will be collected and archived, just not analyzed)
- exclude sediment management/environmental variables section from annual report (data will be collected and archived, just not analyzed)

The cost for the 2010-2011 Program (one-year extension on current contract) is $98,600. Future costs will increase once a consultant is chosen and the scope of future programs is finalized. The costs per city for the one-year extension are included below.

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Shoreline (miles)</th>
<th>% of Total</th>
<th>2009-2010*</th>
<th>2010-2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carlsbad</td>
<td>6.5</td>
<td>14.90%</td>
<td>$15,992</td>
<td>$14,691</td>
</tr>
<tr>
<td>Coronado</td>
<td>3.1</td>
<td>7.10%</td>
<td>$7,620</td>
<td>$7,001</td>
</tr>
<tr>
<td>Del Mar</td>
<td>3.0</td>
<td>6.90%</td>
<td>$7,406</td>
<td>$6,803</td>
</tr>
<tr>
<td>Encinitas</td>
<td>5.8</td>
<td>13.30%</td>
<td>$14,275</td>
<td>$13,114</td>
</tr>
<tr>
<td>Imperial Beach</td>
<td>2.7</td>
<td>6.20%</td>
<td>$6,654</td>
<td>$6,113</td>
</tr>
<tr>
<td>Oceanside</td>
<td>3.6</td>
<td>8.30%</td>
<td>$8,908</td>
<td>$8,184</td>
</tr>
<tr>
<td>San Diego</td>
<td>17.3</td>
<td>39.80%</td>
<td>$42,717</td>
<td>$39,243</td>
</tr>
<tr>
<td>Solana Beach</td>
<td>1.5</td>
<td>3.50%</td>
<td>$3,756</td>
<td>$3,451</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>43.5</strong></td>
<td><strong>100%</strong></td>
<td><strong>$107,328</strong></td>
<td><strong>$98,600</strong></td>
</tr>
</tbody>
</table>

* Current Program, shown for comparison purposes.

Key Staff Contact: Shelby Tucker, (619) 699-1916, stu@sandag.org