



Submitted by: Athena Honore

Subject: **Introducing the Coastal Regional Sediment Management Plan for San Francisco Littoral Cell (San Francisco to Pacifica Coastline)**

Date: September 6, 2012

Executive Summary

This report introduces the Coastal Regional Sediment Management Plan (CRSMP) project recently undertaken for a portion of the San Francisco and San Mateo Counties Pacific coastline (known as the San Francisco Littoral Cell). The Plan is being developed by consultants ESA PWA, with ABAG staff coordinating public and stakeholder involvement. We expect to bring a request to the ABAG Executive Board in late 2013 to adopt the Plan and to establish a new program committee to provide an ongoing governance structure to implement Regional Sediment Management after the Plan is adopted.

Recommended Action

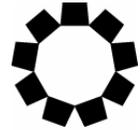
Information only at this time.

Next Steps

The Plan will be completed in 2013. A resolution to adopt the final Plan will likely go to the ABAG Executive Board in late 2013. At the same time, we expect to request that the ABAG Executive Board establish a program committee to provide a forum for Plan implementation discussions after adoption.

Attachments

San Francisco Littoral Cell Study Reaches for CRSMP



Date: September 6, 2012

To: Executive Board

From: Athena Honore, Communications Officer

Subject: **Introducing the Coastal Regional Sediment Management Plan for San Francisco Littoral Cell (San Francisco to Pacifica Coastline)**

Summary

This report introduces the Coastal Regional Sediment Management Plan (CRSMP) project recently undertaken for a portion of the San Francisco and San Mateo Counties Pacific coastline (known as the San Francisco Littoral Cell). The Plan is being developed by consultants ESA PWA, with ABAG staff coordinating public and stakeholder involvement. We expect to bring a request to the ABAG Executive Board in late 2013 to adopt the Plan and to establish a new program committee to provide an ongoing governance structure to implement Regional Sediment Management after the Plan is adopted.

Background

A task force of state, federal, and local/regional entities known as the Coastal Sediment Management Workgroup is addressing adverse impacts of coastal erosion on our coastal habitats through a Regional Sediment Management approach to augment or restore natural processes. Urbanization has changed natural supply and transport patterns for sediment, especially sand. Some coastal beach areas are narrowing due to reduced sediment supply, while ports and harbors must manage excess sediment. Regional Sediment Management (RSM) facilitates beneficial reuse of excess clean sediment from inundated locations at areas experiencing severe erosion.

The Coastal Sediment Management Workgroup is funding Coastal Regional Sediment Management Plans for coastal regions across California. These plans are intended to formulate regional sediment management policy and guidance in order to:

- restore, preserve and maintain coastal beaches and other critical areas of sediment deficit
- sustain recreation and tourism
- enhance public safety and access
- restore coastal sandy habitats, and

- identify cost-effective solutions for restoring areas impacted by excess sediment.

A Coastal Regional Sediment Management Plan process has recently been initiated for the portion of the San Francisco and San Mateo Counties Pacific coastline known as the San Francisco littoral cell (a littoral cell is a shoreline sedimentation unit including sources, transport, and sinks for sand). The Coastal Sediment Management Workgroup agencies are funding a technical team (ESA PWA) to develop the plan and ABAG staff to coordinate public and stakeholder outreach. Municipalities and landowning agencies in the plan area include the City and County of San Francisco, County of San Mateo, City of Daly City, City of Pacifica, and the Golden Gate National Recreation Area.

The San Francisco Littoral Cell Coastal Regional Sediment Management Plan will specify how governance, outreach, and technical approaches can support beneficial use of sediment resources in the plan area without causing environmental degradation or public nuisance. Preliminary analysis has included an assessment of geological and geomorphic processes, habitats and species of concern (terrestrial and marine), infrastructure at risk, economic costs/benefits, public access, policies that may influence sediment management, and impacts of climate change and sea level rise. Outreach efforts include convening a Stakeholder Advisory Group, working directly with individual stakeholders, and involving the public through public meetings and soliciting public comment on the Plan.

The Plan will identify coastal reaches where infrastructure or habitats are most at risk from coastal erosion and recommend approaches for managing future impacts. The Plan will examine potential funding sources for future projects to implement Plan recommendations. Because of its regional focus, the Plan focus may identify future opportunities for affected municipalities to work together on projects across jurisdictions. The Plan will be advisory in nature.

ABAG has been identified as the ideal agency to adopt the plan and provide an ongoing forum for RSM implementation. Regional government sponsorship is considered essential to the Plan effort, in order to maintain the regional focus during Plan implementation.

Timeline: Preliminary technical work and public and stakeholder involvement began in 2012. We expect a draft plan to be completed in early 2013 and a final plan late in 2013. A resolution to adopt the final Plan will likely go to the ABAG Executive Board in late 2013, along with a request to establish a program committee to provide a forum for implementation discussions after Plan adoption.

Recommendation

Information only at this time.

Attachment:
San Francisco Littoral Cell Study Reaches for CRSMP

San Francisco Littoral Cell Study Reaches for CRSMP



SOURCE: ESA PWA 2012 (Figure, Reaches), NAIP 2010 (Aerial Imagery)

San Francisco Littoral Cell Coastal Regional Sediment Management Plan 211658.00

Figure 1
Study Reaches