

# Sonoma/Marin Coastal Sediment Management Working Group

## Working Group Goal:

Develop sediment management recommendations for specific, prioritized locations experiencing sediment issues along the Sonoma and Marin County coastline, and determine governance structure for select projects. These recommendations will be presented to the Sanctuary Advisory Council in November 2017 for discussion and approval before being forwarded to the Sanctuary for consideration and inclusion in a final Regional Sediment Management Plan.



NATIONAL MARINE  
SANCTUARIES



GREATER  
FARALLONES  
ASSOCIATION



Coastal Sediment  
Management Workgroup

GREATER FARALLONES

# Working Group Proposed Timeline

Meeting 1: Setting the Stage and Reviewing Information  
*Today, Point Reyes Station*

Meeting 2: Making the Recommendations  
*May 17 Santa Rosa*

*\*\*engage TAC to provide regulatory and permitting guidance\*\**

Meeting 3: Determining Governance for Selected Projects  
*August 29, Bodega Bay Grange*

Meeting 4: Approving the Final Plan  
*October 2, San Rafael*



# Working Group Proposed Timeline

## Sanctuary Advisory Council Meeting to Approve Plan

*November 29, San Francisco*

Working Group Chair will present recommendations to the advisory council for discussion and approval. The Chair, working with Sanctuary staff, will then incorporate any final input before producing the final Plan.

## Sanctuary Review of final Plan

*December – January*

## Final Plan Due to Coastal Sediment Management

### Workgroup

*February 1, 2018*



# Working Group Process

## Working Group

Reviews information and makes recommendations to Sanctuary Advisory Council



## GFNMS Advisory Council

Reviews Working Group recommendations and advises Sanctuary



## Technical Advisory Committee

Provides regulatory and governance review of recommendations



## Sanctuary

Superintendent reviews recommendations and responds in writing with rationale to all recommendations that will not be acted upon.

NEPA/CEQA

Lead Agency Partner

ONMS



# Working Group Meeting #1 Objectives

- Review project scope, goal, and working group objectives
- Learn about regional sediment plans in general
- Review and understand existing data and information that will inform the working group's recommendations
- Provide feedback on priority locations for recommendations, additional data needed to inform recommendations, and criteria for priority location selection
- Confirm future meeting schedule and locations

# March Meeting Accomplishments

- Working Group project overview (Objectives & Timeline)
- Discussed roles and responsibilities of staff and members
- Agreed to meeting guidelines
  - mutual respect
  - propose solutions when identifying problems
  - holding closed meetings unless group opens
  - timeliness with cell phones silenced
- Regional Sediment Management plan basics (RSMP 101)
- Reviewed existing & available data
- Pooled knowledge of WG members on establishing priority areas of concern along the Sonoma & Marin Coastlines, and
- Listed criteria to be considered when selecting critical areas

# From March to May

- Compiled the information gathered
  - Created Areas of Concern map and table
- Integrated comments of partners
  - Met with Caltrans
  - Discussed sediment management plans in MBNMS
- Reconciled issues raised when identifying and ranking selection criteria to determine priority areas
- Analyzed coastal shoreline change for study area
- Created maps & tables presenting priority areas that were identified and located within areas of existing or predicted shoreline change for 2 climate change scenarios over 3 projected timelines

That information was provided to the Working group at the May meeting and they were given an opportunity to review & finalize priority areas of concern.



# Identified Priority Areas

Present Day Areas of Concern (Year 0-5)  
Sonoma & Marin Regional Sediment Management Plan





# List of Areas of Concern

## Sonoma (14-16)

Highway 1
Gualala
Del Mar Point
The Sea Ranch
Gerstle Cove
Fort Ross
Russian River (mouth, jetty and estuary); Jenner
Willow Creek
Gleason Beach
Salmon Creek Beach/Northern Bodega Bay Dunes
Bodega Dunes
Bodega Head
Bodega Harbor
Doran Park

**Rocky Point**  
**Stewarts Point**

## Marin (17)

Highway 1
Estero Americano
Estero de San Antonio
Dillon Beach (at mouth of Tomales Bay)
Marshall
Walker Creek
Chicken Ranch Beach
Inverness
Point Reyes
Pt Reyes Station
Alamere Creek
Duxbury Reef and Off-shore Area
Bolinas Cliffs (between Duxbury & Lagoon)
Bolinas Lagoon
Stinson Beach
Seadrift
Muir Beach

# Working Group Meeting #2 Objectives

- Learn about relevant Sanctuary regulations that may impact working group recommendations
- Learn about the process used to select priority areas for the development of recommendations
- Finalize priority areas
- Learn about adaptation planning through relevant strategies recommended via the Sanctuary's Climate Action Plan and hands-on interaction with Game of Floods
- Develop sediment management recommendations in small, site-specific planning groups for priority areas

# Recommendation Guidance Strategies based on Climate Action Plan

- Protect and restore habitat
- Beach nourishment
- Living Shorelines
- Managed Retreat
- Promote Education, invest in science needs
- Move away from coastal armoring
- Preserve public access if feasible

# Small Group Activity: Make the Recommendations

## Recommendation Worksheet

This is the worksheet you'll be using in the small afternoon planning groups to capture your recommendations for managing sediment in select priority areas. Please become familiar with the worksheet, and also take a look at the example sheet to give you a sense of what we're expecting.

### Sonoma/Marin Sediment Management Working Group Recommendation Worksheet

**Priority Site:**

**Group members:**

**Group facilitator:**

**Site management goal:**

Timeframe*	Sediment Management Strategies					
10 years (2023)						
20 years (2033)						
50 years (2063)						

\* - 2013 as baseline

Inclusion of the regulatory, technical, economic, and/or environmental considerations is welcome when creating recommendations.

# Next Steps

## Meeting follow-ups:

- Review of recommendations (will make available in shared folder)
- Integration of regulatory and permitting into the recommendations
- Begin interagency outreach for governance structure
- Technical Advisory Committee Meeting #1: mid-summer