



# Mission Bay Park Improvement Fund Oversight Committee MB PEIR - Biological Information Summary





# Agenda

Team Introduction

Purpose

Overview of Biological Information

Next Steps



## Team Introduction

- City of San Diego Public Works
- Dudek
  - Engineering Partners:
    - RICK Engineering
    - Moffatt & Nicholl
  - Aqua
  - Balk Biological
  - Schaefer Ecological Solutions



## Purpose

- Context of Mission Bay (MB) Program Environmental Impact Report (PEIR) & Preliminary Engineering Reports (PERs)
- Status of MB PEIR & PERs
- Initial Information Reporting - Biological



## Purpose

### Context: Charter Section 55.2

- Proposition C passed by voters November 2008
  - Established Section 55.2 of San Diego Charter
  - Improvement Fund, Priority Projects & Oversight Committee
- Designates a portion of lease revenue from Mission Bay Park for capital improvements
  - Mission Bay Park
  - Regional Parks defined in Charter or by Ordinance
- Measure J passed in November 2016
  - Extended Section 55.2, Combined Priorities, Created Flexibility, & Changed Funding Distribution



# Mission Bay Park Improvement Fund Oversight Committee

## MB PEIR - Biological Information Summary





## Purpose

### Context: Charter Priority Elements

1. Restoration of **navigable waters** and elimination of navigable hazards (*currently in post-construction*)
2. **Wetland expansion, water quality improvements**, and protection and expansion of eelgrass beds, including:
  - a. Rose Creek Wetlands (Campland-by-the-Bay)
  - b. North Fiesta Island
  - c. Tecolote Creek
  - d. Cudahy Creek
  - e. Fiesta Island Culvert
3. Restoration of **shoreline** treatments



## Purpose

### Context: Charter Priority Elements

4. Expansion of endangered or threatened species preserves and upland habitats on North Fiesta Island and SD River floodway levee.
5. Deferred maintenance projects or an environmental improvement of a natural asset. Recommended projects include the following:
  - a. Missing Bicycle and Pedestrian Paths
  - b. SD River Trail Improvements (Estuary Trail Enhancement Plan)
  - c. North Ocean Beach Gateway Path
  - d. Sustainable Lighting
  - e. Monument Signage and Landscaping
  - f. Parking Lot Repair/Resurfacing
  - g. Playgrounds
  - h. Comfort Stations
  - i. Oceanfront Walk Seawall and Bulkhead



## Purpose

**Status: Schedule - Three years to conduct the following activities:**

- **Phase 1** – 2018/2019
  - Initiate research, technical studies & preliminary engineering (scoping)
  - Public Outreach and Meetings
- **Phase 2** – 2019/2020
  - Public Outreach and Meetings
  - Conclude technical studies & preliminary engineering (scoping)
  - Submit Site Development Permit application
  - Notice of Preparation and draft PEIR
- **Phase 3** – 2020
  - Final PEIR
    - Technical analysis & findings
    - Mitigation requirements
  - Obtain Site Development Permit (timing of agency permits TBD)



## Purpose

### Status: MB PEIR & PERs

- Initial development of PERs for:
  - **Wetland expansion, water quality improvements** at:
    - a. Rose Creek Wetlands
    - b. North Fiesta Island
    - c. Tecolote Creek
    - d. Cudahy Creek
    - e. Fiesta Island Culvert



# Purpose

Status:

Priority #2- Wetland  
and Water Quality Map





## Purpose

**Status** – Priority #4 identification of constraints and opportunities for Expansion of Species Preserves and Upland Habitats

- North Fiesta Island
- San Diego River Floodway



## Purpose

### Status: MB PEIR & PERs

- Assessments of opportunities for:
  - Restoration of shoreline treatments
  - Recommended deferred maintenance projects
  - Habitat Restoration
- Baseline surveys for technical information
- Develop Project Description for PEIR



# Purpose

Status: MB  
PEIR & PERs

## Projects Map

### LEGEND

-  Wetlands and Water Quality Project Boundaries
-  Mission Bay Park Improvement Zone
-  Habitat Expansion Opportunities
-  Habitat Restoration Opportunities
-  Shoreline Restoration
-  Prior Shoreline Restoration





## Purpose

### Status: MB PEIR & PERs

- Baseline surveys for technical information
- Develop Project Description for PEIR



# Initial Information Reporting - Biological

## Overview of Biological Information

- Existing Mission Bay Improvement Zone Data
- Mission Bay Improvement Zone Vegetation Mapping
- Mission Bay Improvement Zone Jurisdictional Delineation (JD)
- Mission Bay Improvement Zone Eelgrass Survey and Map



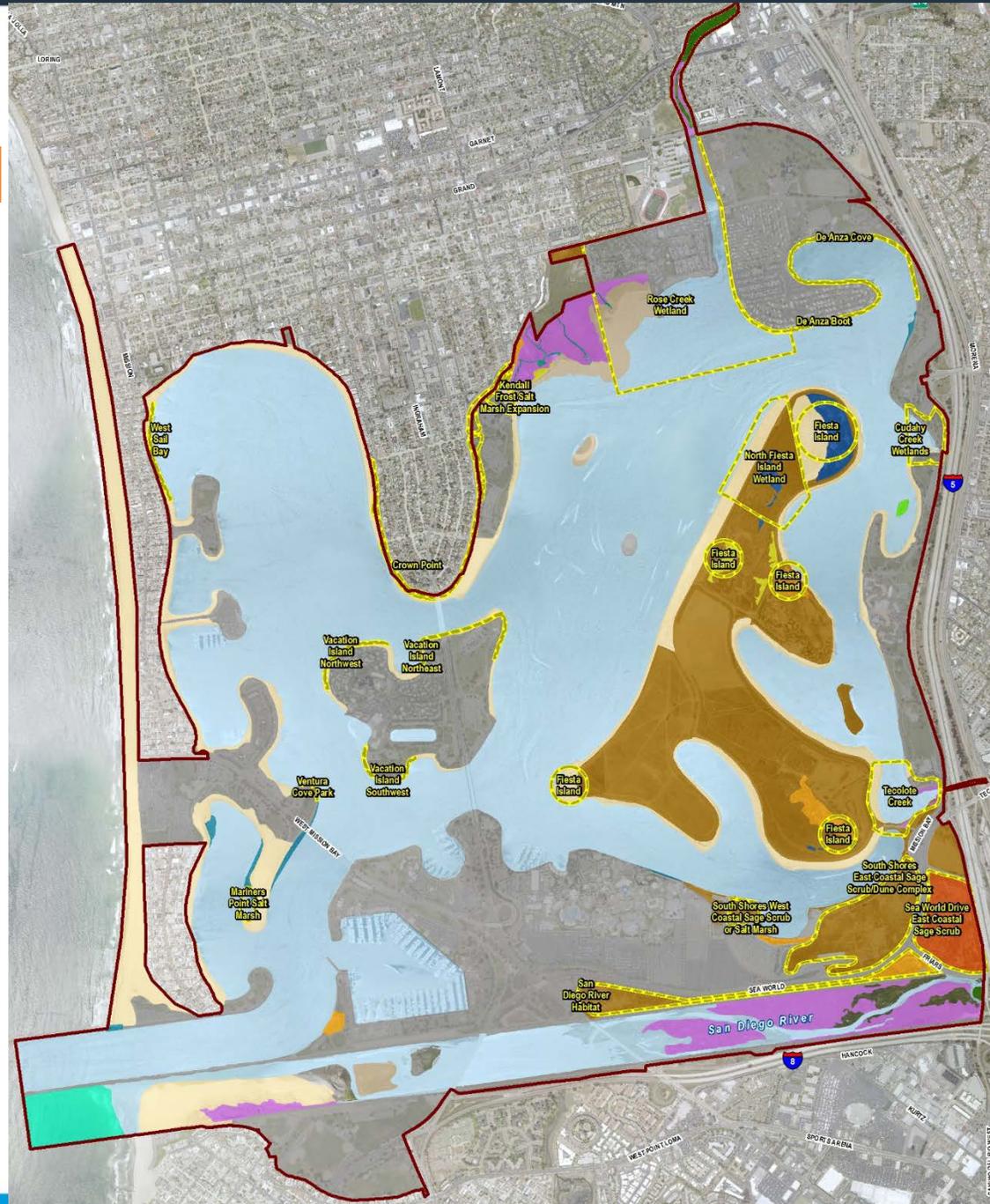


# Initial Information Reporting - Biological

## Vegetation Map

### LEGEND

Mission Bay Park Improvement Zone	<b>Riparian and Bottomland Habitat</b>
Project Boundaries	Beach
<b>Bog and Marsh</b>	Intertidal Estuary
Coastal Brackish Marsh	Non-Native Riparian
Coastal and Valley Freshwater Marsh	Open Water
Disturbed Coastal and Valley Freshwater Marsh	Saltpan/Mudflats
Disturbed Southern Coastal Salt Marsh	Shallow Bay
Southern Coastal Salt Marsh	Subtidal
<b>Disturbed or Developed</b>	Tidal Channel
Developed	Unvegetated Habitat
Disturbed Habitat	<b>Scrub and Chaparral</b>
Disturbed Wetland (Arundo)	Diegan Coastal Sage Scrub
<b>Dunes</b>	Disturbed Diegan Coastal Sage Scrub
Southern Foredunes	





# Initial Information Reporting - Biological

## JD Map

### LEGEND

- Mission Bay Park Improvement Zone
- Project Boundaries
- Jurisdiction Delineation**
- CCC/City of San Diego
- USACE/RWQCB/CCC/City of San Diego
- USACE/RWQCB/CCC/City of San Diego
- USACE/RWQCB/CCC/City of San Diego Non-wetland Waters
- USACE/RWQCB/CCC/City of San Diego Wetland Waters
- CDFW jurisdiction will be determined in consultation with CDFW.



# Initial Information Reporting - Biological Eelgrass Map

## LEGEND





# Initial Information Reporting - Biological

## Combination Biological Resources Map

### LEGEND

Mission Bay Park Improvement Zone	Vegetation Communities/Land Cover
Project Boundaries	BCH, Beach
Eelgrass Mitigation	CBM, Coastal Brackish Marsh
Eelgrass Mapping	DCSS, Diegan Coastal Sage Scrub
Eelgrass Wasting Disease	DEV, Developed
<b>Eelgrass Percent Cover</b>	
0%	DH, Disturbed Habitat
1 to 25%	DW, Disturbed Wetland (Arundo)
26 to 50%	EST, Intertidal Estuary
51 to 75%	FWM, Coastal and Valley Freshwater Marsh
76 to 100%	NNR, Non-Native Riparian
No Data	OW, Open Water
	S, Subtidal
	SB, Shallow Bay
	SCSM, Southern Coastal Salt Marsh
	SF, Southern Foreduces
	SPMF, Saltpan/Mudflats
	TC, Tidal Channel
	UH, Unvegetated Habitat
	dDCSS, Disturbed Diegan Coastal Sage Scrub
	dFWM, Disturbed Coastal and Valley Freshwater Marsh
	dSCSM, Disturbed Southern Coastal Salt Marsh
<b>Jurisdictional Delineation</b>	
	CCC/City of San Diego
	USACE/RWQCB/CCC/City of San Diego
	USACE/RWQCB/CCC/City of San Diego
	USACE/RWQCB/CCC/City of San Diego Non-wetland Waters
	USACE/RWQCB/CCC/City of San Diego Wetland Waters
	CDFW jurisdiction will be determined in consultation with CDFW





## Next Steps

### Near term:

- Biological Information to inform PERs
- Develop Concept Designs in PERs

### Mid Term:

- Biological Technical Report for EIR
- Release Notice of Preparation (NOP) for EIR
- Prepare Draft EIR

### Long Term:

- Certify EIR
- Implement Projects



Thank You