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MEETING NOTICE AND AGENDA

SHORELINE PRESERVATION WORKING GROUP

The Shoreline Preservation Working Group may take action on any item appearing on this agenda.

Thursday, June 7, 2018

11:30 a.m. to 1 p.m.

SANDAG, 7th Floor Conference Room
 401 B Street, Suite 800
 San Diego, CA 92101

Please take the elevator to the 8th floor to access the meeting room.

Staff Contact: Sarah Pierce
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AGENDA HIGHLIGHTS

- **REGIONAL SHORELINE MONITORING PROGRAM ANNUAL REPORT**

PLEASE SILENCE ALL ELECTRONIC DEVICES DURING THE MEETING

MISSION STATEMENT

The 18 cities and county government are SANDAG serving as the forum for regional decision-making. SANDAG builds consensus; makes strategic plans; obtains and allocates resources; plans, engineers, and builds public transit; and provides information on a broad range of topics pertinent to the region's quality of life.

MEMBER AGENCIES

Cities of
 Carlsbad
 Chula Vista
 Coronado
 Del Mar
 El Cajon
 Encinitas
 Escondido
 Imperial Beach
 La Mesa
 Lemon Grove
 National City
 Oceanside
 Poway
 San Diego
 San Marcos
 Santee
 Solana Beach
 Vista
 and
 County of San Diego

ADVISORY MEMBERS

Imperial County
 California Department
 of Transportation
 Metropolitan
 Transit System
 North County
 Transit District
 United States
 Department of Defense
 San Diego
 Unified Port District
 San Diego County
 Water Authority
 Southern California
 Tribal Chairmen's Association
 Mexico



Welcome to SANDAG. Members of the public may speak to the Working Group on any item at the time the Working Group is considering the item. Please complete a Request to Comment form and then present the form to the Working Group coordinator. Members of the public may address the Working Group on any issue under the agenda item entitled Public Comments/Communications/Member Comments. Public speakers are limited to three minutes or less per person unless otherwise directed by the Chair. The Working Group may take action on any item appearing on the agenda.

Both agenda and non-agenda comments should be sent to SANDAG via comment@sandag.org. Please include the Working Group name and meeting date, agenda item, your name, and your organization. Any comments, handouts, presentations, or other materials from the public intended for distribution at the Working Group meeting should be received by the Working Group coordinator no later than 12 noon, two working days prior to the meeting. All public comments and materials received by the deadline become part of the official project record, will be provided to the members for their review at the meeting, and will be posted to the agenda file as a part of the handouts following each meeting.

In order to keep the public informed in an efficient manner and facilitate public participation, SANDAG also provides access to all agenda and meeting materials online at www.sandag.org/meetings. Additionally, interested persons can sign up for e-notifications via our e-distribution list either at the SANDAG website or by sending an email request to webmaster@sandag.org.

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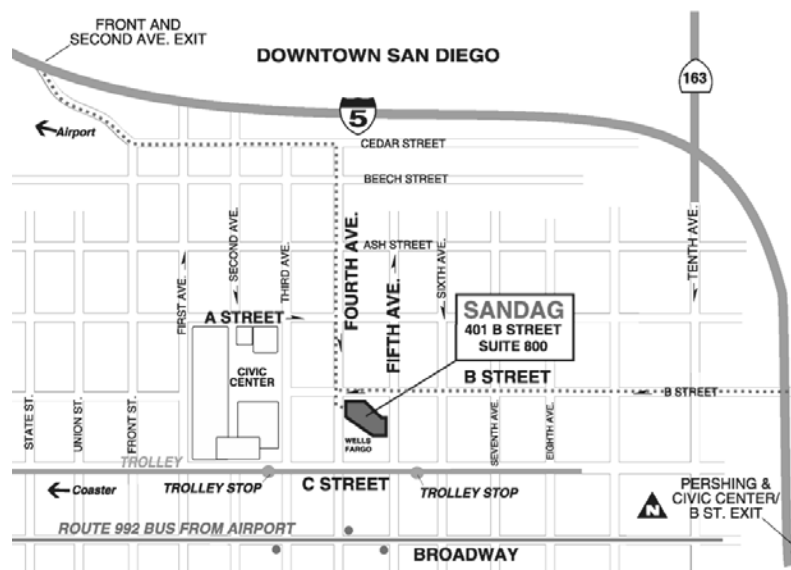
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请在会议前至少 72 小时打电话 (619) 699-1900 提出请求.

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SHORELINE PRESERVATION WORKING GROUP

Thursday, June 7, 2018

ITEM NO.		RECOMMENDATION
1.	WELCOME AND INTRODUCTIONS	
2.	PUBLIC COMMENTS/COMMUNICATIONS Members of the public shall have the opportunity to address the Shoreline Preservation Working Group (Working Group) on any issue within the jurisdiction of SANDAG that is not on this agenda. Anyone desiring to speak shall reserve time by completing a "Request to Speak" form and giving it to the meeting coordinator prior to speaking. Public speakers should notify the meeting coordinator if they have a handout for distribution to Working Group members. Public speakers are limited to three minutes or less per person. Working Group members also may provide information and announcements under this agenda item.	
+3.	APPROVAL OF MEETING MINUTES The Working Group is asked to review and approve the minutes from its two most recent meetings. +3A. December 7, 2017, meeting minutes +3B. March 15, 2018, meeting minutes	APPROVE
REPORTS		
4.	SENATE BILL 1 GRANT FUNDING: SEA LEVEL RISE GUIDANCE FOR TRANSPORTATION INFRASTRUCTURE (Sarah Pierce) In December 2017, SANDAG was awarded \$180,000 from the Caltrans Adaptation Planning Grant Program to study the potential impacts that sea level rise will have on regional transportation infrastructure. Staff will provide an overview of the project, timeline, and opportunities for Working Group involvement.	INFORMATION
5.	REGIONAL SHORELINE MONITORING PROGRAM ANNUAL REPORT (Greg Hearon, Coastal Frontiers Corporation) Greg Hearon will provide information on the 2017 results from the Regional Shoreline Monitoring Program.	INFORMATION
6.	CITY OF DEL MAR COASTAL SEDIMENT MANAGEMENT PLAN (Lindsay Sheehan, Environmental Science Associates) The City of Del Mar recently prepared a sediment management plan. Data from the Regional Shoreline Monitoring Program was key to its development. Lindsay Sheehan will provide an overview of the plan and explain how it ties into the City of Del Mar's sea level rise planning efforts.	INFORMATION

7. UPCOMING MEETINGS

INFORMATION

The next Working Group meeting is scheduled for Thursday, September 6, 2018, at 11:30 a.m. This meeting is tentatively planned to be a scoping meeting for a Senate Bill 1 grant.

8. ADJOURNMENT

+ next to an item indicates an attachment

San Diego Association of Governments
SHORELINE PRESERVATION WORKING GROUP

June 7, 2018

AGENDA ITEM NO.: **3A**

Action Requested: APPROVE

DECEMBER 7, 2017, MEETING MINUTES

File Number 3200200

Chair Serge Dedina (City of Imperial Beach) called the meeting of the Shoreline Preservation Working Group (Working Group) to order at 11:31 a.m.

1. WELCOME AND INTRODUCTIONS

The attendance sheet for the meeting is included.

2. PUBLIC COMMENTS/COMMUNICATIONS

Chair Dedina shared that he recently returned from the North American Climate Summit in Chicago, where he and other mayors throughout North America signed their commitment to work with the Paris Climate Treaty.

Sarah Pierce, Regional Environmental Planner, shared three announcements:

- The Ocean Protection Council has released a sea level rise guidance document based on recent science that came out in April 2017. Comments on the draft document are due December 15, 2017.
- The California Department of Parks and Recreation Division of Boating and Waterways is accepting applications for shoreline erosion control projects. Applications are due February 1, 2018.
- SANDAG applied for funding under a Caltrans Adaptation Planning Grant, Senate Bill 1 (Beall 2017), and has been awarded \$180,000 to prepare a sea level rise planning guidance document for regional transportation infrastructure. The City of San Diego has been awarded funding as well.

Julia Chunn-Heer, Surfrider, and Councilmember Cori Schumacher, City of Carlsbad, discussed a recent coastal survey that was flown from San Onofre to the U.S.-Mexico Border. The survey video will be released soon.

3. APPROVAL OF MEETING MINUTES (APPROVE)

The Working Group was asked to review and approve the minutes from its September 7, 2017, meeting.

Action: Upon a motion by Commissioner Garry Bonelli (San Diego Unified Port District) and a second by Councilmember Bill Sandke (City of Coronado), the minutes were approved without opposition. Yes: Chair Dedina, Councilmember Schumacher, Councilmember Sandke, Mayor Dwight Worden

(City of Del Mar), Councilmember Tasha Boerner Horvath (City of Encinitas), Councilmember David Zito (City of Solana Beach), and Commissioner Bonelli (San Diego Unified Port District). No: None. Absent: City of Oceanside, City of San Diego, County of San Diego, and United States Navy.

REPORTS

4. SHORELINE PRESERVATION WORKING GROUP CHARTER UPDATE (DISCUSSION/POSSIBLE ACTION)

The Working Group was asked to review the proposed changes to its Charter and provided a recommendation to the Regional Planning Committee (RPC).

Action: Upon a motion by Commissioner Bonelli and a second by Councilmember Boerner Horvath, the Working Group recommended that the RPC accept the proposed changes to the Working Group's Charter. Yes: Chair Dedina, Councilmember Schumacher, Councilmember Sandke, Mayor Worden, Councilmember Boerner Horvath, Councilmember Zito, and Commissioner Bonelli. No: None. Absent: City of Oceanside, City of San Diego, County of San Diego, and United States Navy.

5. SAN DIEGO OCEAN PLANNING PARTNERSHIP (INFORMATION)

Eileen Maher and Lily Tsukayama, Port of San Diego ("Port"), provided the Working Group with an update on the San Diego Ocean Planning Partnership. The San Diego Ocean Planning Partnership is a collaborative pilot between the California State Lands Commission ("Commission") and the Port. Through this pilot project, the Commission and Port are identifying current and emerging uses in the ocean space offshore San Diego County and are assessing the relationships between them. The goal of the San Diego Ocean Planning Partnership is to develop a pilot-scale marine decision-support framework and spatial analysis tool for coastal waters off San Diego County via a scientifically rigorous and collaborative process to achieve ecological, social, and economic co-management objectives.

6. BATIQUITOS LAGOON RESILIENCY PLAN (INFORMATION)

The Working Group was provided with a brief update on the Batiquitos Lagoon Resiliency Plan (BLRP). Mike Grim, City of Carlsbad, explained that the BLRP will increase ecosystem resiliency by providing jointly developed recommendations to coastal decision-makers on how to consider climate change in managing natural resources at the Batiquitos Lagoon Ecological Reserve.

7. SHORELINE MANAGEMENT: LEGISLATIVE, LEGAL, AND FUNDING UPDATE (INFORMATION)

Due to a last-minute cancellation from the presenter, this agenda item was not presented. Staff will attempt to reschedule for a future meeting.

8. UPCOMING MEETINGS (INFORMATION)

The next meeting of the Working Group is tentatively scheduled for Thursday, March 1, 2018, at 11:30 a.m.

9. ADJOURNMENT

Chair Dedina adjourned the meeting at 12:31 p.m.

**SHORELINE PRESERVATION WORKING GROUP
MEETING ATTENDANCE FOR DECEMBER 7, 2017**

JURISDICTION/ORGANIZATION	NAME	ATTENDING	COMMENTS
City of Imperial Beach	Mayor Serge Dedina, Chair	Yes	
	Mayor Pro Tem Edward Spriggs, Alternate	Yes	
City of San Diego	Councilmember Lorie Zapf, Vice Chair	No	
	Councilmember Barbara Bry, Alternate	No	
City of Carlsbad	Councilmember Cori Schumacher	Yes	
	Vacant, Alternate	N/A	
City of Coronado	Councilmember Bill Sandke	Yes	
	Councilmember Mike Donovan, Alternate	Yes	
City of Del Mar	Mayor Dwight Worden	Yes	
	Vacant, Alternate	N/A	
City of Encinitas	Councilmember Tasha Boerner Horvath	Yes	
	Mayor Catherine Blakespear, Alternate	No	
City of Oceanside	Councilmember Esther Sanchez	No	
	Deputy Mayor Chuck Lowery, Alternate	No	
City of Solana Beach	Councilmember David Zito, Primary	Yes	
	Councilmember Judy Hegenauer, Alternate	No	
County of San Diego	Supervisor Kristin Gaspar	No	
	Vacant, Alternate	N/A	
San Diego Unified Port District	Commissioner Garry Bonelli	Yes	
	Eileen Maher, Alternate	Yes	
United States Navy	Walter Wilson	No	
	Deborah McKay, Alternate	No	
ADVISORY MEMBERS (ATTENDANCE NOT COUNTED FOR QUORUM PURPOSES)			
California Coastal Commission	Gabe Buhr	Yes	
National Marine Fisheries Service	Bryant Chesney	No	
State Department of Boating and Waterways	Steve Watanabe	No	
State Department of Fish and Wildlife	Loni Adams	No	
State Department of Parks and Recreation	Darren Smith	No	
State Lands Commission	Kenneth Foster	No	
U.S. Army Corps of Engineers	Heather Schlosser	No	

JURISDICTION/ORGANIZATION	NAME	ATTENDING	COMMENTS
California Coastal Coalition	Steve Aceti	No	
California Lobster and Trap Fishermen's Association	August Felando	No	
Coastal Environmental Rights Foundation	Marco Gonzalez	No	
Scripps Institution of Oceanography	Michele Okihiro	No	
Southern California Tribal Chairmen's Association	Vacant	N/A	
Surfrider Foundation	Julia Chunn-Heer	Yes	
OTHER ATTENDEES		SANDAG STAFF MEMBERS	
Teri Fenner, AECOM Jordanna Rubin, ATPIM Aeryn Donnelly-Terrey, City of Carlsbad Mike Grim, City of Carlsbad Jim Nakagawa, City of Imperial Beach Dan Monroe, City of San Diego Nick Buhbe, Mission Environmental Heather Kramp, Port of San Diego Lily Tsukayama, Port of San Diego		Katie Hentrich Keith Greer Kim Smith Sarah Pierce Temur Imam	

San Diego Association of Governments
SHORELINE PRESERVATION WORKING GROUP

June 7, 2018

AGENDA ITEM NO.: **3B**

Action Requested: APPROVE

MARCH 15, 2018, MEETING MINUTES

File Number 3200200

Chair Serge Dedina, City of Imperial Beach, called the meeting of the Shoreline Preservation Working Group (Working Group) to order at 11:07 a.m.

1. WELCOME AND INTRODUCTIONS

The attendance sheet for the meeting is included.

2. PUBLIC COMMENTS/COMMUNICATIONS

Katheryn Rhodes, a member of the public, asked SANDAG staff to take over all capital infrastructure projects from the airport and the Port of San Diego and bring them to SANDAG to increase regional transportation efforts.

3. APPROVAL OF MEETING MINUTES (APPROVE)

Approval of the minutes from the December 7, 2017, Working Group meeting was postponed due to lack of quorum.

REPORTS

4. SOUTH SAN DIEGO COUNTY – CLIMATE ADAPTATION OVERVIEW (INFORMATION)

Four short presentations on habitat restoration and climate resiliency were given, followed by a bus tour of restored Salt Ponds 10 and 11 and Silver Strand dune restoration work completed by California State Parks.

A. Project Presentations

1. Tijuana River National Estuarine Research Reserve – River mouth management and salt marsh restoration

In 2012, the National Oceanic and Atmospheric Administration (NOAA) funded the Climate Understanding and Resilience in the River Valley Project. The project was originally designed to conduct a vulnerability assessment for sea level rise that would inform the development of adaptation strategies for the Tijuana River National Estuarine Reserve. However, the project quickly shifted to assessing sea level rise in conjunction with riverine flooding. Due to this shift, scenario planning was utilized to conduct the vulnerability assessment. Four scenarios were based around two distinct parameters: tidal prism and river flow. The information

gained from this research project may expand regionally and also is being used to assess future impacts to the Batiquitos Lagoon.

2. Port of San Diego – Restoration of Salt Ponds 10 and 11 and future restoration of Pond 20

To provide a habitat for endangered species, 230 acres of wetlands have been restored in the San Diego Bay. An additional 140,000 cubic yards of sediment was dredged as part of the restoration project to create tidal channels and raise elevation levels to create a supporting habitat for Ridgway's rail and cordgrass. The future restoration of Pond 20 will create about 85 acres of restored wetlands. The project currently is under environmental review and is slated to be under construction by 2020. Once restored, this site will be used as a mitigation bank. The Port of San Diego also is working on plans for the restoration of a native oyster reef along the City of Chula Vista's shoreline within the San Diego Bay.

3. California State Parks – Silver Strand dune restoration (bay side)

California State Parks has completed a Coastal Dune Ecosystem Management Study and Enhancement Project on the bay side of Silver Strand State Beach. The purpose of the project was to experimentally evaluate how rare dune plants respond to human disturbance and other habitat conditions in order to inform a new management strategy that will support Brand's phacelia (*Phacelia stellaris*).

4. Navy – Silver Strand dune restoration (ocean side) and other Navy initiatives

The Navy is utilizing existing data sources to develop sea level rise scenarios for coastal installations. The Strategic Environmental Research and Development Program (SERDP) involves the Department of Defense, the Army Corps of Engineers, NOAA, and the Navy Oceanography Department. SERDP created a database that looks at sea level rise and storm surge scenarios to perform vulnerability assessments of their coastal installations to establish short- and long-range planning strategies. Using this database, a vulnerability assessment of the Coronado Coastal Campus Naval Base has been conducted wherein Geographic Information System maps were used to illustrate and compare various sea level rise and storm surge scenarios.

No information was shared on the Silver Strand Dune Restoration, as the presenter was unable to attend the meeting.

B. Bus Tour

The Working Group and members of the public were invited to board a bus to tour restored Ponds 10 and 11 and the bayside dune restoration work completed by California State Parks along the Silver Strand.

Ponds 10 and 11

The Working Group arrived at Ponds 10 and 11 at approximately 12:30 p.m. Brian Collins, United States Fish and Wildlife Service, provided an overview of the Ponds 10 and 11 Restoration Project. The project included rechanneling of the lagoon in certain areas, grading of the lagoon to achieve proper tidal flows and for salt marsh stratification, and the movement of over 700,000 cubic yards of material.

A member of the public asked how the marsh will be managed in the future to accommodate sea level rise and what the level of the marsh plain is. Mr. Collins explained that he did not know the elevation level of the marsh plain; however, he estimated it to be approximately 5.5 feet. Mr. Collins added that he has a narrow focus on the habitat-restoration component of the project to ensure a certain type of habitat and ecotone. The restoration site will be an asset for fishery production for a long time and currently contains 6 species of Terns, 137 threatened Western Snowy Plover nests, Black Skimmers, Black Neck Stilts, American Avocets, et cetera. Eileen Maher, San Diego Unified Port District, added that there are 60 to 80 Pacific Green Sea Turtles in San Diego Bay.

Mayor Dwight Worden, City of Del Mar, asked what the bulk of the future restoration work in the San Diego Bay will consist of (e.g., dredging, planting). Mr. Collins explained that material currently is being dredged out of the Otay River flood plain and that the project had to be adapted because of the extremely high levels of dichlorodiphenyltrichloroethane (DDT) and cultural resources in the former farm fields around the ponds. As such, the United States Fish and Wildlife Service is continually building relationships with local tribes to ensure appropriate project monitoring.

A member of the public asked if there was concern about the quality of sediment used in restoration efforts given the presence of DDT in surrounding areas. Mr. Collins explained that a contaminants investigation was conducted on the sediment used in the restoration efforts and showed that the sediment is relatively clean and there is no DDT in the restoration sites. The original design of the project included construction of a 72-acre wetland in the Nestor Creek area where farming had historically taken place. However, as soon as the contaminants and cultural resources were found, the project was adapted accordingly. No DDT-filled soils have been used in marsh-restoration projects in the San Diego Bay.

Chair Dedina added that there are 20 units of market-rate housing located adjacent to the restoration sites that were built above the 100-year sea level rise zone. With this development, a bioswale was created adjacent to Pond 10A as well as a new access point to the Bayshore Bikeway. Design and approval of the project was a coordinated effort between the City of Imperial Beach, the Port of San Diego, the California Coastal Commission, and the United States Fish and Wildlife Service. Residents of the area have embraced the open-space habitat, and these projects have done a great job incorporating the cultural landscape of the restoration sites.

Abby Newman, State Lands Commission, asked if vector control was considered in the restoration project. Mr. Collins answered that yes, the United States Fish and Wildlife Service works closely with the San Diego County Vector Control Program for human health protection.

Silver Strand Dune Restoration

The Working Group arrived at the Silver Strand dune restoration site at approximately 1:15 p.m.

Darren Smith, California State Parks, discussed the California State Parks' involvement in the dune restoration project and some of the opportunities the project provides. The information gained from the project's monitoring program will be valuable for neighboring coastal communities as they develop resiliency strategies.

Chair Dedina stated that California State Parks has completed this restoration work with very limited resources, and asked if there was a longer-term vision for the project and if there was a plan for more restoration. Mr. Smith informed Chair Dedina that California State Parks received a grant from the United States Fish and Wildlife Service and a Proposition 84 bond, but that those funds have run out. California State Parks currently is conducting maintenance weeding. They also have been developing a Parks Champion Program and currently are recruiting volunteers. Mr. Smith added that California State Parks hopes to pass the monitoring off to a nonprofit or community group. California State Parks may begin working to restore an adjacent 40-acre site. In the future, there may be an opportunity to add sands to the existing dunes to increase potentially adjacent roadway projection and to see if plants can thrive under changing conditions.

Following the question period, Chair Dedina thanked the speakers for presenting and SANDAG staff for organizing the event.

5. UPCOMING MEETINGS (INFORMATION)

The next Working Group meeting is scheduled for Thursday, June 7, 2018, at 11:30 a.m.

6. ADJOURNMENT

Chair Dedina adjourned the meeting at 2 p.m.

**SHORELINE PRESERVATION WORKING GROUP
 MEETING ATTENDANCE FOR MARCH 15, 2018**

JURISDICTION/ORGANIZATION	NAME	ATTENDING	COMMENTS
City of Imperial Beach	Mayor Serge Dedina, Chair	Yes	
	Mayor Pro Tem Edward Spriggs, Alternate	Yes	
City of San Diego	Councilmember Lorie Zapf, Vice Chair	No	
	Councilmember Barbara Bry, Alternate	No	
County of San Diego	Supervisor Kristin Gaspar	No	
City of Carlsbad	Councilmember Mark Packard	No	
City of Coronado	Councilmember Bill Sandke	Yes	
	Councilmember Mike Donovan, Alternate	Yes	
City of Del Mar	Mayor Dwight Worden	Yes	
City of Encinitas	Councilmember Tasha Boerner Horvath	Yes	
	Councilmember Tony Kranz, Alternate	No	
City of Oceanside	Councilmember Esther Sanchez	No	
	Deputy Mayor Chuck Lowery, Alternate	No	
City of Solana Beach	Councilmember David Zito	No	
	Councilmember Judy Hegenauer, Alternate	No	
San Diego Unified Port District	Commissioner Dan Malcom	No	
	Eileen Maher, Alternate	Yes	
United States Navy	Walter Wilson	Yes	
	Deborah McKay, Alternate	Yes	
ADVISORY MEMBERS (ATTENDANCE NOT COUNTED FOR QUORUM PURPOSES)			
California Coastal Commission	Gabe Buhr	No	
National Marine Fisheries Service	Bryant Chesney	No	
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State Department of Fish and Wildlife	Loni Adams	No	
State Department of Parks and Recreation	Darren Smith	Yes	
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California Coastal Coalition	Steve Aceti	No	
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Scripps Institution of Oceanography	Michele Okihiro	No	
Southern California Tribal Chairmen's Association	Vacant	N/A	
Surfrider Foundation	Julia Chunn-Heer	No	

OTHER ATTENDEES	SANDAG STAFF MEMBERS
<p>Cindy Kinkade, AECOM Darryl Hatheway, AECOM Teri Fenner, AECOM Simona Altman, California Department of Fish and Wildlife Kathy Weldon, City of Encinitas Jim Nakagawa, City of Imperial Beach James Peeler, Coastal Environments Matt Stewart, County Department of Parks and Recreation Greg Hampton, ECORP Consulting Lindsey Sheehan, Environmental Science Associates Katheryn Rhodes, member of the public Whitney Wemett, member of the public Garth Nagel, Navy Heather Kramp, Port of San Diego Laura Shwekel, Port of San Diego Stephanie Gad, Port of San Diego Everette Au, San Diego Foundation Abby Newman, State Lands Conservancy Dani Boudreau, Tijuana River National Estuarine Research Reserve</p>	<p>Andrew Hall Keith Greer Kim Smith Sarah Pierce Temur Imam</p>