

AGENDA
NEWPORT BAY WATERSHED EXECUTIVE COMMITTEE

December 18, 2019
1:30 – 3:30 p.m.

Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618

Peer Swan, Chair
Irvine Ranch Water District

Michelle Steel, Vice Chair
County of Orange

Farrah N. Khan
City of Irvine

Dr. Allan Bernstein
City of Tustin

William von Blasingame
Santa Ana Regional Water Quality Control Board

Duffy Duffield
City of Newport Beach

Fuad Sweiss
City of Santa Ana

Katrina Foley
City of Costa Mesa

Scott Voigts
City of Lake Forest

Dean Kirk
The Irvine Company

Tim Dillingham
California Department of Fish and Wildlife

Meeting information available at
<http://ocwatersheds.com/programs/ourws/wmaareas/wmacentraloc/nbexecomm>

The Newport Bay Watershed Executive Committee welcomes you to this meeting and encourages your participation. This agenda contains a brief general description of each item to be considered. No action shall be taken on any items not appearing in the following agenda except as otherwise provided by law. Any member of the public may ask the Executive Committee to be heard on the following items, as those items are called. To speak on an agenda item, please provide a speaker request card to the Committee Staff. To speak on a matter not appearing in the agenda, please provide a speaker request card to the Committee Staff indicating Public Comments.

Welcome and Pledge of Allegiance

- ITEM # 1. ACTION MINUTES OF THE SEPTEMBER 18, 2019 MEETING**
Recommended Action: Approve the action minutes of the September 18, 2019 meeting
- ITEM # 2. 2020 PROPOSED MEETING SCHEDULE**
Presented by: Amanda Carr, County of Orange
Recommended Action: Approve the proposed 2020 meeting dates
- ITEM # 3. 2019 YEAR-END SUMMARY AND TOPICS FOR 2020**
Presented by: Amanda Carr, County of Orange
Recommended Action: Receive and provide direction on 2020 topics
- ITEM # 4. OVERVIEW OF SAN DIEGO CREEK CAUSAL ASSESSMENT REPORT**
Presented by: Raphael Mazor, Southern California Coastal Waters Research Project (SCCWRP)
Recommended Action: Receive and file
- ITEM # 5. UCI/SCCWRP SEDRISE GRANT PROGRESS**
Presented by: Eric Stein, SCCWRP, and Brett Sanders, UCI
Recommended Action: Receive and file
- ITEM # 6. EXECUTIVE OFFICER REPORT**
- ITEM # 7. EXECUTIVE COMMITTEE MEMBER COMMENTS**
- ITEM # 8. PUBLIC COMMENTS**
- ITEM # 9. ADJOURNMENT**

Meeting information, including presentations, is available upon request.

To obtain copies, contact Maria Tamez at (714) 955-0635 or Maria.Tamez@ocpw.ocgov.com

AGENDA STAFF REPORTS
NEWPORT BAY WATERSHED EXECUTIVE COMMITTEE
DECEMBER 18, 2019

ITEM # 1. MINUTES OF THE SEPTEMBER 18, 2019 MEETING

ACTION MINUTES
NEWPORT BAY WATERSHED EXECUTIVE COMMITTEE

Date and Location: September 18, 2019; 1:35 - 2:53 p.m.
Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618

Audio recording for the September 18th meeting will be available [here](#). Recording times noted in the minutes correspond to that item on the recording

Roll Call/ Self-Introductions (Recording: 00:12)

Peer Swan, Chair	Irvine Ranch Water District
Natalie Medvedev for Supervisor Michele Steele	County of Orange
Thomas Lo for Farrah N. Khan	City of Irvine
Dr. Allan Bernstein	City of Tustin
William von Blasingame	Santa Ana Regional Water Quality Control Board
Duffy Duffield	City of Newport Beach
Andrea Marr for Katrina Foley	City of Costa Mesa
Scott Voigts	City of Lake Forest
Nabil Saba for Fuad Sweiss	City of Santa Ana
Dean Kirk	The Irvine Company
Amanda Carr, Executive Officer	County of Orange

Welcome and Pledge of Allegiance (Recording: 00:02:17)

ITEM # 1 Approval of Minutes (Recording: 00:02:38)

The minutes of the June 19, 2019 meeting were presented to the Executive Committee.

Recommended Action: Approve the minutes of the June 19, 2019 meeting

Motion: Approve minutes
First/Second: Allan Bernstein/Nabil Saba
Outcome: Approved unanimously

ITEM # 2 Updates on Selenium, Organochlorine Compounds, and Fecal Coliform TMDLs (Recording: 00:02:53)

Dr. Jian Peng, County of Orange

Dr. Peng, County of Orange, provided a background summary and update of the Organochlorine Compounds TMDL, Selenium TMDL, and Fecal Coliform TMDL. The Selenium TMDL will be incorporated into the operative dewatering permits for the watershed with an expected completion date of December 2019. Organochlorine Compounds TMDL monitoring is ongoing and will support a TMDL revision effort. A Time Schedule Order for the Fecal Coliform TMDL is being considered. The TMDL is very difficult to achieve and significantly outdated based on EPA 2012 criteria. Efforts are being made to have key issues revised such as distinguishing wet from dry weather, human health level of protection, and controllable versus uncontrollable sources. A significant amount of progress has been made in each of the TMDLs, however strict compliance remains a challenge due to lack of regulatory action, outdated TMDLs, and evolving regulations.

Motion: Receive and file
Objections: None
Outcome: Received and filed

ITEM # 3 DWR Feedback on North and Central Orange County Integrated Regional Water Management (IRWM) Projects (Recording: 00:56:37)
Christy Suppes, County of Orange

Ms. Suppes, County of Orange, provided a brief overview of the grant submittal process that has transpired for Proposition 1, Round 1 IRWM Grant Program. The final application will be submitted to DWR on November 1, 2019. Stakeholders will be asked to provide feedback so improvements to the process can be made for Proposition 1, Round 2, IRWM Grant Program that is expected to take place in 2021/2022.

Motion: Receive and file
Objections: None
Outcome: Received and filed

ITEM # 4 Executive Officer Report (Recording: 01:07:15)
Amanda Carr, County of Orange

Ms. Amanda Carr, County of Orange provided a status report of the Executive Action Plan. Substantial progress has been made and many milestones have been met.

ITEM # 5 Executive Committee Member Comments (Recording: 01:16:40)

Dr. Allan Bernstein, City of Tustin, congratulated Ms. Carr and committee staff for their efficiency.

ITEM # 6 Public Comments (Recording: 01:17:30)

Chair Swan opened the floor for public comments, there were no public comments.

ITEM # 7 Adjournments (Recording: 01:17:50)

Non-Committee Attendees:

Alex Waite	City of Tustin
Craig Foster	City of Santa Ana
Dave Webb	City of Newport Beach
Hope Smythe	Santa Ana Regional Water Board
Nancy Gardiner	Haley & Aldrich
Terri Reeder	Santa Ana Regional Water Board

Committee Staff: Amanda Carr, Christy Suppes, Jian Peng, Maria Tamez

ITEM # 2. 2020 PROPOSED MEETING SCHEDULE

Presentation by: Amanda Carr, County of Orange

Recommended Action: Approve the proposed 2020 meeting dates of March 18, June 17, September 16, and December 16

ITEM # 3. 2019 YEAR-END SUMMARY AND TOPICS FOR 2020

Presentation by: Amanda Carr, County of Orange

Recommended Action: Receive, Comment, and Provide Direction

Topics presented in 2019 included:

- 2017-18 Nutrient TMDL Annual Report findings
- 2017-18 Sediment TMDL Annual Report findings
- Updates on the progress of the two sediment removal projects in San Diego Creek
- IRWM governance and project updates for North and Central Orange County
- Proposed Time Schedule Order for Fecal Coliform TMDL
- Proposed Copper TMDL and Action Plans for Zinc, Mercury, Arsenic, and Chromium for Newport Bay
- Updates on Selenium, Organochlorine Compounds and Fecal Coliform TMDLs

The following meeting topics are proposed for presentation at one of the four meetings in 2020. Executive Committee members are encouraged to provide the Executive Director with any additional meeting topics. Additional topics/issues that arise during the year will be proposed and vetted through the Management Committee.

- 2018-19 Sediment TMDL Annual Report findings
- 2018-19 Nutrient TMDL Annual Report findings
- Update on Trash Amendments implementation by County and cities
- Proposition 1 Stormwater Grant Program Round 2 project solicitation
- IRWM updates for North and Central Orange County
- Santa Ana-Delhi Channel Diversion Project overview and tour
- Fecal Coliform TMDL regulatory update and report on shellfish study results

- Organochlorine Compounds TMDL regulatory update
- Municipal stormwater permit status and progress

ITEM #4. OVERVIEW OF SAN DIEGO CREEK CAUSAL ASSESSMENT REPORT

Presentation by: Raphael Mazor, SCCWRP

Recommended Action: Receive and File

Dr. Raphael Mazor, Southern California Coastal Water Research Project (SCCWRP), will provide a brief overview of bioassessment science, and details about the San Diego Creek Causal Assessment Project final report, which was completed November, 2019. Causal assessment is a key element of the State Board's biostimulatory/biointegrity policy. The primary objectives of the project, funded by the Santa Ana Regional Water Quality Control Board, were to: (1) assess the cause of poor biological condition within a 1.4-mile subreach of San Diego Creek; (2) develop and pilot-test new causal assessment tools that may form part of statewide policy; and, (3) develop causal assessment knowledge and expertise among Santa Ana Regional Water Quality Control Board staff and watershed stakeholders.

ITEM # 5. UCI/SCCWRP SEDRISE GRANT PROGRESS

Presentation by: Eric Stein, SCCWRP, and Brett Sanders, University of California, Irvine (UCI)

Recommended Action: Receive and File

Dr. Eric Stein and Dr. Brett Sanders will provide a progress update on the UCI/SCCWRP Sedrise Grant Project, which was awarded to the two agencies in 2016 by the National Oceanic and Atmospheric Administration's (NOAA) National Centers for Coastal Science through the competitive Ecological Effects of Sea Level Rise (EESLR) program. The project was first introduced to the Newport Bay Watershed Executive Committee at its March 15, 2017 meeting.

Sediment serves as a critical building block for vibrant and sustainable coastal systems, acting as the foundation for healthy wetlands, sustainable beaches, and flood-protected shorelines. Ensuring the optimum amount and location of sediment now and into the future is an enormous management challenge facing southern California. The forthcoming era of accelerating sea level rise will precipitate heightened demand for sediment to support economic development, ecosystem restoration and protection, public and environmental health, flood risk management, recreation, and enhanced urban amenities. What are the opportunities to meet this demand? What sediment management policies and practices should be developed to meet demands posed by sea level rise? What tradeoffs can we anticipate from managing sediment differently? And how can we best use state-of-the-art modeling tools and data to promote cost effective and fair management decisions?

The SedRISE project brings together an interdisciplinary team of researchers in climate, hydrology, hydraulics, ecology, planning, policy and political science to partner with a Management and Technical Advisory Group (MTAG) made of up personnel working on the front lines of coastal management in California to address these questions. Their goal is to coproduce actionable knowledge about managing sediment as a resource, including the identification of promising interventions and optimal timescales of implementation.

The project is focused on two coastal systems in southern California where sediment poses numerous ongoing challenges: Newport Bay Watershed/Estuary and Tijuana River Watershed/Estuary. What is learned through these two systems will offer support for innovative sediment management across the southern California coastal region.

Project Duration: September 1, 2016 – August 31, 2020

UCI Contact: Brett Sanders, bsanders@uci.edu

SCCWRP Contact: Eric Stein, erics@sccwrp.org

NOAA Contact: David Kidwell, david.kidwell@noaa.gov

ITEM # 6. EXECUTIVE OFFICER REPORT

ITEM # 7. EXECUTIVE COMMITTEE MEMBER COMMENTS

ITEM # 8. PUBLIC COMMENTS

ITEM # 9. ADJOURNMENT

Next Meeting Date: March 18, 2020