

AGENDA
NEWPORT BAY WATERSHED EXECUTIVE COMMITTEE

June 20, 2018
1:30 – 3:30 p.m.

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

Peer Swan, Chair
Irvine Ranch Water District

Andrew Do, Vice Chair
County of Orange

Melissa Fox
City of Irvine

Dr. Allan Bernstein
City of Tustin

William von Blasingame
Santa Ana Regional Water Quality Control Board

Marshall Duffield
City of Newport Beach

William Galvez
City of Santa Ana

Allan Mansoor
City of Costa Mesa

Scott Voigts
City of Lake Forest

Dean Kirk
The Irvine Company

Carla Navarro
California Department of Fish and Wildlife

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

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 MARCH 21, 2018 MEETING**
Recommended Action: Approve the action minutes of the March 21, 2018 meeting
Public comment on Action Item #1
- ITEM # 2. CITY OF NEWPORT BEACH REQUEST: EXECUTIVE COMMITTEE LETTER OF SUPPORT FOR LOWER NEWPORT BAY DREDGING**
Amanda Carr, County of Orange
Recommended Action: Review, comment and provide direction
Public comment on Action Item #2
- ITEM # 3. REVIEW OF THE 2016-17 SEDIMENT TMDL ANNUAL REPORT FINDINGS AND UPDATES ON THE PROGRESS OF THE 405 TO 405 FREEWAY SEDIMENT REMOVAL PROJECT IN SAN DIEGO CREEK**
Presented by: Jamie Habben, County of Orange
Recommended Action: Receive and file
- ITEM # 4. REVIEW OF THE FIRST FULL YEAR PERFORMANCE OF THE PETERS CANYON CHANNEL WATER CAPTURE AND REUSE PIPELINE PROJECT**
Presented by: Ian Swift, Irvine Ranch Water District
Recommended Action: Receive and file
- ITEM # 5. EXECUTIVE OFFICER REPORT**
- ITEM # 6. EXECUTIVE COMMITTEE MEMBER COMMENTS**
- ITEM # 7. PUBLIC COMMENTS**
- ITEM # 8. ADJOURNMENT**

Meeting information, including presentations, is available upon request.

To obtain copies, contact Maria Tamez at (714) 955-0603 or Maria.Tamez@ocpw.ocgov.com

AGENDA STAFF REPORTS
NEWPORT BAY WATERSHED EXECUTIVE COMMITTEE
JUNE 20, 2018

DISCUSSION CALENDAR, ITEMS # 1 - 2

ITEM # 1. MINUTES OF THE MARCH 21, 2018 MEETING

Date and Location: March 21, 2018; 1:34- 2:17p.m.
Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618

Audio recording for the March 21st meeting will be available [here](#). Recording times noted in the minutes correspond to that item on the recording

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

Roll Call/ Self-Introductions (Recording: 00:00:17)

Peer Swan, Chair	Irvine Ranch Water District
Matt Haines, <i>Alternate for Andrew Do, Vice Chair</i>	County of Orange
Dr. Allan Bernstein	City of Tustin
William von Blasingame	Santa Ana Regional Water Quality Control Board
Duffy Duffield	City of Newport Beach
Tyrone Chesanek, <i>Alternate for William Galvez</i>	City of Santa Ana
Dean Kirk	The Irvine Company
Carla Navarro	California Department of Fish and Wildlife
Scott Voigts	City of Lake Forest
Amanda Carr, Executive Officer	County of Orange

1) Approval of Minutes (Recording: 00:01:30)

The minutes of the December 13, 2017 meeting were presented to the Executive Committee.

Recommended Action: Approve the minutes of the December 13, 2017 meeting

Motion: Approve minutes
First/Second: Allan Bernstein/Dean Kirk
Abstained: Duffy Duffield/Tyrone Chesanek

2) **The OC Plan – Integrated Regional Water Management (IRWM) Plan for North and Central Orange County (Recording: 00:01:56)**
Christy Suppes, County of Orange

Ms. Christy Suppes, County of Orange provided an update and overview of the draft IRWM Plan for North and Central Orange County. The IRWM is a collaborative effort to manage multiple aspects of water resources in accordance with the statewide IRWM program managed by the Department of Water Resources. The added benefit of having the plan is to identify which projects are a priority for the region and work to strengthen those projects in anticipation of grant funding, when it becomes available later in the year. The project solicitation period was from January 10th through February 21st. A total of 56 projects were received of which 27 expressed interest in seeking Prop 1 IRWM funding. Stakeholders are reviewing each project and developing a portfolio of projects that can be put forth for funding and to be included in the plan. Projects may be submitted on an on-going basis to the list of existing projects. The Plan will be periodically updated to include new projects. Ms. Suppes provided an overview of the website/Data Management System (DMS) which lists the information on the projects that were submitted to date. To access the IRWM Project Data Explorer click [here](#).

Chair Swan provided background information and stated that the North and Central IRWM were previously separate plans. It was decided that the plans would be consolidated and the County of Orange, Orange County Sanitation District, and Orange County Water District were chosen to represent the two watersheds in North and Central Orange County. The Plan is intended to be used for Prop 1 funds and any other grant funding.

Mr. Scott Voigts, City of Lake Forest asked for clarification on the comments submitted for the plan. Ms. Suppes stated that the comments received were solely editorial.

Ms. Carla Navarro asked how often the plan will be updated. Ms. Suppes stated the plan would be updated based on the guidelines received from DWR.

Recommended Action: Recommend approval of the IRWM Plan by the County of Orange, Orange County Sanitation District, and Orange County Water District

Motion: Approve the IRWM Plan
First/Second: Scott Voigts/ William von Blasingame
Outcome: Approved unanimously

3) **Consent Item (Recording: 00:16:21)**
Overview of Meeting Topics for 2018
Amanda Carr, County of Orange

Recommended Action: Executive Committee members to provide any additional topics to the Executive Officer

Ms. Amanda Carr, County of Orange asked members to suggest additional topics for future meetings. The following eight topics were proposed for future meetings:

- Overview of the Santa Ana-Delhi Channel Diversion Project to be completed in summer 2018. A tour will subsequently be offered;
- Review of the 2016-17 sediment TMDL annual report findings and updates on the progress of the 405 to 405 Freeway sediment removal project in San Diego Creek
- Review of first full year performance of the Peters Canyon Channel Water Capture and Reuse Pipeline Project;
- Updates on proposed new statewide recreational water quality standards and summary of the outcomes from the fecal coliform stakeholder process initiated in 2016;
- Preparation for Proposition 1 funding (due later in 2018);
- Update on trash reduction progress;
- Updates, as needed, on new or revised total maximum daily load (TMDL) regulations.

Mr. Duffy Duffield and Mr. David Webb, City of Newport Beach requested that the Newport Bay Watershed Executive Committee endorse the City's planned Lower Bay sediment removal project in the form of a letter of support addressed to the U.S. Army Corps of Engineers. Mr. Webb stated that the City may need funding later on, but for now a letter of support stating that it is a notable project and worthy of doing will suffice. He provided a brief background regarding the project; the City of Newport Beach is undertaking another effort to dredge the lower harbor. There are currently 650 thousand yards of material that have come down from the upper Bay into the lower harbor which impedes navigation, and causes various issues with the shipyards.

Ms. Carr stated that the request to provide a letter of support will be added to the Newport Bay Watershed Management Committee meeting agenda to draft a letter of support to be considered by the Executive Committee. Mr. Voigts recommended that the request for a letter of support be agenzied to formally take action. Chair, Swan indicated the request would be discussed at the next Management Committee meeting. The committee members were in consensus with the proposed recommendation.

Ms. Carla Navarro suggested the following two topics:

1. A presentation regarding the outcome of different selenium projects and how much work still needs to be completed.
2. A presentation regarding fresh water input monitoring that is done in conjunction with the Santa Ana Delhi Channel Diversion projects, specifically in regards to the impact of fresh water input reduction on the marsh habitat.

Chair, Swan, suggested the following two topics:

1. A tour of the Santa Ana Delhi Channel Diversion project. Ms. Carr suggested an Upper Bay tour, as it would be more beneficial. This tour will occur during the Fall or Winter meeting.
2. Chair Swan would like to see how vegetation is being managed in the San Diego Creek, how is it being consistent with the permits and requirements.

Recommended Action:

Motion: Receive and file

Objections: None

Outcome: Received and filed

4) Executive Officer Report (Recording: 00:37:00)

Amanda Carr, County of Orange

- Update on the 405 to 405 sediment removal project. All permits are secured. 172 thousand cubic yards of sediment will be removed. The County of Orange will put out a Request for Proposal (RFP) on April 10th and the award should be announced in late June.
- Ms. Navarro asked where the removed sediment will go; Ms. Carr stated that the contractor would own the material and be responsible for disposing of the sediment. She also indicated that there is a market for the sand material.
- Carmel Brown, Chief of the Department of Water Resources provided the County of Orange a glowing letter following a recent tour of some of the grant funded completed integrated projects in Orange County and the DMS.
- The Bacteria TMDL Stakeholder process is almost complete there are two more meetings left. A full presentation will be given to the committee on the outcome of those efforts.

Recommended Action: Receive and file

Motion: Receive and file

Objections: None

Outcome: Received and filed

5) Executive Committee Members Comments (Recording: 00:41:45)

Chair Swan opened the floor for Executive Committee (EC) comments.

Mr. William von Blasingame introduced himself to the rest of the committee and the public.

6) Public Comments (Recording: 00:42:24)

Chair Swan opened the floor for public comment. There were no public comments.

7) Adjournments (Recording: 00:42:33)

Meeting adjourned at approximately 2:17 p.m. The next regular meeting is scheduled for June 20, 2018.

Non-Committee Attendees:

Alex Waite	City of Tustin
Craig Foster	City of Santa Ana
Dave Webb	City of Newport Beach
Chris Gardner	County of Orange

Judith Marquez Innovare Environmental
Ted Von Bitner Amec Foster Wheeler
Marilyn Thoms East Orange County Water District

Committee Staff: Amanda Carr, Chris Crompton, Christy Suppes, Iris Corpus and Maria Tamez

ITEM # 2. CITY OF NEWPORT BEACH REQUEST: EXECUTIVE COMMITTEE LETTER OF SUPPORT FOR LOWER NEWPORT BAY DREDGING

Presentation by: Amanda Carr, County of Orange

Recommended Action: Review, Comment and Provide Direction

At the March 21, 2018 meeting of the Newport Bay Watershed Executive Committee, Mr. Duffy Duffield and Mr. David Webb, City of Newport Beach requested that the Newport Bay Watershed Executive Committee consider endorsing the City's planned Lower Bay sediment removal project in the form of a letter of support addressed to the U.S. Army Corps of Engineers. City staff provided a draft letter of support that was reviewed and edited by the Newport Bay Watershed Management Committee. The draft letter is included for consideration by the Executive Committee.

CONSENT CALENDAR, ITEM # 3

ITEM # 3. REVIEW OF THE 2016-17 SEDIMENT TMDL ANNUAL REPORT FINDINGS AND UPDATES ON THE PROGRESS OF THE 405 TO 405 FREEWAY SEDIMENT REMOVAL PROJECT IN SAN DIEGO CREEK

Presentation by: Jamie Habben, County of Orange

Recommended Action: Receive and File

Staff submitted the 2016-17 Annual Report to the Regional Board on February 27, 2018. The annual report provides the monitoring data collected during the reporting period and an assessment of compliance with TMDL loading targets. The data from the 2016-17 Annual Report constitute the eighteenth year of monitoring, analysis, and sediment record computation efforts since the TMDL was approved. One of the main quantifiable targets of the TMDL is to reduce the annual average sediment load to Newport Bay to approximately 62,500 tons per year within 10 years. The target represents a 50% reduction and compliance is evaluated as a 10 year running annual average of the suspended sediment load measured in San Diego Creek at Campus Drive. This target was met within the 10 year timeframe of the TMDL and based on the 2016-17 data, the 10 year running average is 29,230 tons per year, well below the 50% reduction requirement of the TMDL. The executive summary from the 2016-17 report is attached.

The San Diego Creek 405 to 405 sediment removal maintenance project is on track to begin construction later this summer (end of July/early August). The following are the latest updates for the project:

- All permits received by end of August 2017
- OC Public Works Project Management overseeing project
- Sediment testing completed and results emailed to interested parties

- Channel stretch resurveyed for up-to-date cut and fill quantities in Jan/Feb 2018.
 - Total cut: 223,600 cy
 - Total fill: 51,900 cy
 - Net: 171,700 cy
- Project scaled back to primarily a removal (cut) work. Contract includes payment for up to 200,000 cy of sediment.
- 100% Plans and specs completed. Reviewed and approved by County Counsel
- Board of Supervisors approval of contract (4/10/18) and subsequently advertised for bid
- Bids opened on 5/9/18
- Low bidder: CJW Construction at \$ 4,220,800. Have met qualifications and contract is being prepared.
- Board of Supervisors approval of contract set for 6/26/18.
- Construction estimated to begin end of July/early August after Notice to Proceed issued
- Duration will be 6-8 months; the contract has set 120 working days.

ITEM # 4. REVIEW OF THE FIRST FULL YEAR PERFORMANCE OF THE PETERS CANYON CHANNEL WATER CAPTURE AND REUSE PIPELINE PROJECT

Presentation by: Ian Swift, Irvine Ranch Water District

Recommended Action: Receive and File

The Peters Canyon Water Capture and Reuse Pipeline project was completed in late 2016, and began full operation in January 2017. The project collects and diverts high selenium and nitrate dry weather urban runoff from three points along Peters Canyon Wash; Como Channel, Edinger Drain, and the Valencia Drain. In addition, the pipeline is used by CalTrans to divert their groundwater dewatering flows, which are also high in selenium and nitrates, out of the watershed. Flows from the project pipeline are routed to OCSD's Main Street trunk sewer and eventually treated at their plant, followed by treatment by OCWD, and then included as part of OCWD's flows to the Groundwater Replenishment System (GWRS), which supplements the potable water supply to 19 cities and districts throughout Orange County. The Peters Canyon Pipeline project is a partnership between the County of Orange, City of Irvine, City of Tustin, CalTrans, and the Irvine Ranch Water District.

From January 2017 to April 2018, the Peters Canyon Pipeline Project has pumped 328,402,130 gallons to OCSD. This flow has averaged 68.38 ug/L of selenium and 15.03 mg/L of total nitrogen, resulting in a total mass removal of 80.83 lbs. of selenium and 26,400 lbs. of total nitrogen. Since the pipeline initiated operation, selenium flows have decreased at a minimum of 17% in San Diego at the San Joaquin Marsh intake. The project has seen lower than expected flows from dry weather due to declining groundwater levels, and clogging of the intake screens at each urban runoff station at the beginning of the project's operation. The project partners have developed an online flow and selenium mass removal-tracking tool, which is updated monthly and viewable to all interested parties.

ITEM # 5. EXECUTIVE OFFICER REPORT

ITEM # 6. EXECUTIVE COMMITTEE MEMBER COMMENTS

ITEM # 7. PUBLIC COMMENTS

ITEM # 8. ADJOURNMENT

Next Meeting date: September 19, 2018