

**AGENDA**  
**NEWPORT BAY WATERSHED EXECUTIVE COMMITTEE**

December 7, 2016

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

**Beth Krom**  
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

**Michele Martinez**  
City of Santa Ana

**Sandra Genis**  
City of Costa Mesa

**Andrew Hamilton**  
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/nbexeccomm>

*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. MINUTES OF THE OCTOBER 19, 2016 MEETING**

Recommended Action: Approve the minutes of the October 19, 2016 meeting

### **ITEM # 2. FECAL COLIFORM TMDL**

#### **A) COASTKEEPER'S PERSPECTIVE ON THE BACTERIA TMDL FOR NEWPORT HARBOR**

Presenter: Garry Brown, founder and President, Orange County Coastkeeper

#### **B) OC PUBLIC WORKS PRESENTATION ON FECAL COLIFORM STAKEHOLDER PROCESS**

Presenter: Amanda Carr, County of Orange

Recommended Action: None, information items only

### **ITEM # 3. SEDIMENT TMDL BASIN CAPACITY REPORT AND PLANNED SEDIMENT REMOVAL**

Presenter: Jamie Habben, County of Orange

Recommended Action: Receive and file

### **ITEM # 4. PROPOSED 2017 MEETING SCHEDULE**

- a. March 15, 2017
- b. June 21, 2017
- c. September 20, 2017
- d. December 20, 2017

Recommended Action: Approve 2017 meeting schedule

### **ITEM # 5. EXECUTIVE OFFICER REPORT**

### **ITEM # 6. EXECUTIVE COMMITTEE MEMBER COMMENTS**

### **ITEM # 7. PUBLIC COMMENTS**

### **ITEM # 8. ADJOURNMENT**

Next meeting is March 15, 2017

Meeting information, including presentations, is available upon request.

To obtain copies, contact Elaine Miller at (714) 955-0603 or [elaine.miller@ocpw.ocgov.com](mailto:elaine.miller@ocpw.ocgov.com)

**AGENDA STAFF REPORTS**  
**NEWPORT BAY WATERSHED EXECUTIVE COMMITTEE**  
**DECEMBER 7, 2016**

**DISCUSSION CALENDAR, ITEMS # 1 - 4**

**ITEM # 1. MINUTES OF THE OCTOBER 19, 2016, MEETING**

**Agenda Item 1 – Minutes of the June 15, 2016 Meeting**

The minutes of the June 15, 2016 meeting were presented to the Executive Committee.

*Motion: Approve the minutes of the June 15, 2016 meeting*  
*First/Second: Dr. Bernstein/ Peer Swan*  
*Outcome: Unanimously Approved*

**Agenda Item 2 – Anticipated Upcoming Santa Ana Regional Board Basin Plan Amendments**

Presenter: Terri Reeder, PG, CEG, CHG, Santa Ana Regional Water Quality Control Board, Chief of the Coastal Waters Planning Section

Ms. Reeder gave a presentation to the Executive Committee on several proposed updates to the Basin Plan that the Regional Board will consider for approval and adoption this year and early next year. The proposed amendments include:

- o TMDL for Copper and non-TMDL Action Plans for Zinc, Mercury, Arsenic and Chromium for Newport Bay;
- o Removing Fecal Coliform Objectives for the Recreational Water Contact beneficial use for Bays and Estuaries and establishing an averaging period for the enterococcus objective;
- o Revising the compliance schedule for the Fecal Coliform TMDL for the shellfish harvesting beneficial use;
- o Revising the definition of the shellfish harvesting beneficial use;
- o Adding anti-degradation targets for waters with the REC-2 beneficial use;
- o Adding eleven water bodies and associated beneficial uses; and
- o Revised selenium TMDL.

Duffy Duffield, City of Newport Beach, expressed the City's concerns with the proposed Copper TMDL in the Bay and mentioned the City of Newport Beach sent a letter to the Regional Board that noted there were improvements in the water quality in the Bay made thus far. He expressed a preference for a plan to address the problem in a collaborative process rather than a TMDL. Ms. Reeder indicated the Regional Board was reviewing the City's letter. Ms. Reeder clarified the difference between the EPA's requirements and the Regional Board's requirements for TMDL compliance. Mr. Kurt Berchtold, Executive Officer of the Santa Ana Regional Board, added that the Board had received extensive comments and would be

considering a revised approach with no action being taken at the October Regional Board meeting.

With respect to the selenium TMDL, Ms. Reeder noted the peer review process would not be completed until early 2017.

*Motion: Receive and file*  
*First/Second: Peer Swan/ Allan Bernstein*  
*Outcome: Unanimously Approved*

### **Agenda Item 3 – Update on Improving the Integrated Water Management Program in Orange County**

Presenter: Marsha Westropp, Orange County Water District (OCWD), Senior Planner in the Department of Planning and Watershed Management

Ms. Westropp provided a brief update on improving the Integrated Regional Water Management (IRWM) Program in Orange County, giving both a brief history of the process to date and upcoming funding opportunities. The Santa Ana Funding Area includes both North OC Watershed Management Area and Central OC Watershed Management Area. This funding area is managed by the Santa Ana Watershed Project Authority (SAWPA) under the One Water One Watershed (OWOW) IRWM Program. Proposition 1 funds, about \$46 million, will be available in 2018 to the Santa Ana Region Funding Area. OCWD has proposed two options to improve funding to the Orange County projects through the IRWM process. The first is to create a new region (Orange County Region) within the Santa Ana Region Funding Area and the second is to refine the OWOW Plan process for project selection for Prop. 1 funds. Ms. Westropp outlined the requirements and benefits for combining the North and Central watershed management areas into one region as well as a summary of the meetings with SAWPA staff to discuss requested changes/improvements to the existing OWOW plan.

County staff is currently managing the updates of the North and Central Watershed Management Area Plans, with consultant assistance. Stakeholders will discuss if they want to create their own OC Region while continuing to meet with SAWPA to improve the existing OWOW project selection processes.

Comments:

Peer Swan stated that he is part of the stakeholder committee that is meeting with SAWPA to address Orange County concerns with OWOW. The committee recommended adding language to clarify that water supply improvements in one area of the watershed would not come at the expense of another area.

Andrew Hamilton asked if anyone considered what is happening in the San Diego Region, which contains South Orange County. Would there ever be a chance that they are willing to combine all of Orange County with the San Diego region, including the Santa Ana Region?

Mr. Swan explained that south County negotiated a split of the funds within the San Diego Region and came to an agreement based on population and area where they get a certain portion of the money. He

stated the stakeholder committee is asking that if projects are funded none of the major entities in the SAWPA region are worse off than they were before the projects were approved and constructed. Everyone should share in the benefit whether the funds are spent in the upper watershed or not.

Beth Krom explained that she sits on both the OWOW Steering Committee (representing Orange County) and the Executive Committee (representing the City of Irvine) and stated that OWOW is dealing with a limited budget in a dynamic environment and that the OWOW plan was designed to not harm any part of the watershed. Ms. Krom commented that while it has been framed that OWOW is not showing respect to Orange County, she does not think that is true; Orange County has received significant project funding from OWOW. Selecting projects, as suggested, will make OWOW's decisions of allocating funds a challenge as the funds are for projects across a wide watershed. She noted that OWOW has constraints on choosing the projects under consideration; the funding is out of balance with the requests for funding. OWOW receives billions of dollars in requests and has only \$46 million to allocate to projects; additionally the State has mandated drought measures with which we must comply. She believes the language of "cannot be achieved at the expense of another" is a subjective statement; other parts of the watershed could argue that giving money to Orange County's interests that don't directly benefit people in the upper watershed doesn't help them. OWOW was created by a mandate of the state and must work to the benefit the entire watershed. Ms. Krom stated that if we create our own region and are not successful, Orange County will not be seen as an effective partner and future negotiations may be impacted. She said that she can speak on behalf of OWOW that there has been an effort to meet the interests of all the Stakeholders across the watershed, including Orange County.

Mr. Swan commented that over the last few years, Orange County has seen a reduction of 50,000-acre feet of water a year coming down the Santa Ana River due to OWOW funded projects; Orange County has had to buy replacement water at a cost greater than the OWOW grant funds. Projects were funded using money allocated to the region that shifted water supply, under the guise that it was creating new water. All of the propositions have in their language to increase the reliable water supply of the state, not to reallocate it from one area to another. That is the basic concern that OCWD has articulated and one that he agrees with. He stated that we should reallocate water in a fair and equitable manner.

Mr. Hamilton stated that the 40,000-acre feet guaranteed flow is about 10% of what the County's demands are. We get our groundwater from our basin, not from the groundwater basin up the river, outside of the County. Even though we are a donor county, there is a crisis in our groundwater supply; it is almost at an all-time low. He encouraged Beth to continue to look out for Orange County's interests.

Ms. Krom stated that she only wanted to add perspective to the conversation and she has advocated for Orange County at OWOW.

Mr. Swan stated that while he looks to Beth Krom, Orange County Coastkeeper, the Regional Board and Supervisor Nelson, to speak up for our interests, we should keep our alternatives open and update the plans we have in place.

*Motion:            Receive and file*

*First/Second: Beth Krom/ Andrew Hamilton*

*Outcome: Unanimously Approved*

**Agenda Item 4 – 2016 Update to the Central Orange County Watershed Management Area Executive Action Plan**

Amanda Carr, Deputy Director, OC Environmental Resources, County of Orange

Chris Crompton, Manager Water Quality Compliance, OC Environmental Resources, County of Orange

Mr. Crompton gave a brief overview of the updates to the 2016 Executive Action Plan, noting that it contained current information and improved organization. The Plan details the origin, history, goals, roles and responsibilities of the Executive Committee, as well as the Plan's governance structure, agreements, watershed issues, costs and financial implications. Additionally, the Executive Action Plan serves as educational material for future new committee members. This presentation is the first update since the Plan's inception in 2010. Mr. Crompton requested direction from the Executive Committee regarding any potential changes to the Action Plan. Mr. Crompton highlighted items to consider for discussion and potential change.

Carla Navarro commented that the Executive Committee membership may change with the upcoming election and questioned if this is the best time to make meaningful comments to the document.

Ms. Carr stated that updating the Action Plan will be a multi-meeting process and the Management Committee is requesting guidance from the Executive Committee for general or specific direction for moving forward.

Mr. Swan requested that the Management Committee make their recommendations to the Action Plan and present those recommendations to the Executive Committee. The Orange County Water District sent a letter to him requesting membership and participation in the NBWEC; the Mesa Water District was also drafting a similar letter. Mr. Swan stated that he is open to increasing membership as long as there was a role the new members can provide and that they will share in the burden for the problems and costs.

Ms. Navarro questioned if any resource agencies participate in the Management Committee.

Ms. Carr replied that everyone on the Executive Committee has a seat on the Management Committee as well as an environmental representative and requested each Executive Committee member to encourage their representative to attend the Management Committee meetings.

Allan Bernstein expressed that he would like to be made aware of the Management Committee meetings and agreed that the Management Committee make their recommendations to the Executive Committee.

Ms. Carr stated that the Executive Committee will be informed of Management Committee meeting dates going forward.

Mr. Hamilton requested options, environmental benefits, and cost analysis to the recommendations from the Management Committee. He also requested clarification as to the correct term for "Fecal Coliform". Ms. Carr indicated the term may be changed to "Enterococcus" if the basin plan changes are formalized. Until then, fecal coliform is the proper term for the bacterial objective.

Mr. Duffield was glad to hear that the Management Committee will make recommendations to the Executive Committee.

Mr. Swan stated that if the Executive Committee accepts new members, that the Management Committee outline the responsibilities to the new Executive Committee members; so that everyone on the team is contributing and the new members are informed that they will financially and managerially participate in problem solving.

It was questioned which entities were currently represented on the Executive Committee. Mr. Swan replied that Tustin, Costa Mesa, Santa Ana, Irvine, Lake Forest, Newport Beach, The Irvine Company, Irvine Ranch Water District, the Santa Ana Regional Water Board, the County, and the California Dept. of Fish and Wildlife.

Ms. Carr stated that Laguna Woods, Laguna Hills and Orange participate in funding the TMDL work, but were not invited to be on the Executive Committee in 2010 because their individual drainage areas to the watershed are 1% or less of the total watershed.

*Motion: Received and direction provided to the Management Committee to review the updated plan and deliver a draft report to the Executive Committee at a joint session meeting, that will have timelines for actions, details on who is responsible, what are we doing, when will it be completed, how much will it cost and whether additional agencies will participate.*

*First/Second: Allan Bernstein/ Andrew Hamilton*

*Outcome: Unanimously Approved*

#### **Agenda Item 5 –Executive Office Report**

Amanda Carr introduced herself to the Executive Committee, gave a brief history of her work in the watershed and detailed her current responsibilities as the new Deputy Director of OC Environmental Resources.

#### **Agenda Item 6 –Executive Committee Member Comments**

None

#### **Agenda Item 7 – Public Comments**

None

#### **Agenda Item 8 – Adjournment**

**Attendees:**

- Kurt Berchtold, Santa Ana Regional Water Quality Control Board**
- Billy Dutton, Help Your Harbor**
- Jason Freshwater, Santa Ana Regional Water Quality Control Board**
- Nardy Khan, OC Infrastructure**
- Thomas Lo, City of Santa Ana**
- Susan Paulsen, Exponent**
- Jian Peng, OC Environmental Resources**
- Terry Reeder, Santa Ana Regional Water Quality Control Board**
- Mark Tetteimer, Irvine Ranch Water District**
- Marilyn Thoms, OC Environmental Resources**
- Alex Waite, City of Tustin**
- David Webb, City of Newport Beach**
- Marsha Westropp, Orange County Water District**
- Thomas Wheeler, City of Lake Forest**
- Michael Yang, City of Irvine**

**Committee Staff, County of Orange: Amanda Carr, Chris Crompton and Elaine Miller**

Meeting information, including presentations, is available upon request. To obtain copies, contact Elaine Miller at (714) 955-0603 or [elaine.miller@ocpw.ocgov.com](mailto:elaine.miller@ocpw.ocgov.com)

**ITEM # 2. FECAL COLIFORM TMDL**

**Recommended Action:** None, information items only

**A) COASTKEEPER'S PERSPECTIVE ON THE BACTERIA TMDL FOR NEWPORT HARBOR**

Presenter: Garry Brown, founder and President, Orange County Coastkeeper

**B) OC PUBLIC WORKS PRESENTATION ON FECAL COLIFORM STAKEHOLDER PROCESS**

Presenter: Amanda Carr, County of Orange

**Recommended Action:** None.

Orange County Coastkeeper (OCCK) on April 26, 2016, served the County with a Notice of Violation and Intent to Sue under the Clean Water Act ("NOI"). The NOI alleged that the County unlawfully discharges bacteria into Newport Bay in violation of the municipal separate storm sewer system permit ("MS4 Permit") issued by the Santa Ana Regional Water Quality Control Board ("Regional Board") to the County, Orange County Flood Control District (collectively "County") and north Orange County cities. The NOI is a statutory prerequisite to filing a "citizen suit" under section 505(a) of the Clean Water Act (CWA) 33. U.S.C. § 1365(a).

On October 18, 2016, the County and OCCK reached a settlement of the threatened Clean Water Act citizen suit. The terms of settlement include:

- County participation in a two-year stakeholder meeting process to address bacterial water quality issues in Newport Bay;
- County payment of OCCK attorney's fees and costs related to the NOI and for OCCK's participation in the two-year stakeholder meeting process; and
- OCCK waiver and release of the County and all Co-permittees under the MS4 Permit from all current and future claims under the CWA or any other applicable law related to the allegations in the NOI.

The Newport Bay Fecal Coliform TMDL Stakeholder Process will entail a series of 8-11 facilitated meetings over a two-year period to address bacterial water quality regulation in Newport Bay.

The meetings will include representatives of OCCK, the County and up to 11 additional members representing the following categories/constituencies:

- NPDES Co-permittees (2)
- Development/Business Community (3)
- Non-Governmental Organizations/Environmental Community (2)

- Regional Board Staff (3)
- U.S. EPA (1)
- Southern California Coastal Water Research Project (advisory capacity only) (1)

Although the stakeholder group is formally capped at 13 members, the stakeholder meetings will be open to the public, and thus, other stakeholders, elected officials, and/or members of the public will be able to attend and provide comment at set times. The purpose of the stakeholder meetings is to address bacterial water quality regulation in Newport Bay, with the objective of developing and presenting recommendations for new and/or revised water quality regulations to the Regional Board. The meetings will be run by Lewis Michaelson of Katz & Associates, who will act as a neutral third party to facilitate discussion and set forth the points upon which the Stakeholder Group has reached consensus, and the points on which the Stakeholder Group has not reached consensus. Technical water quality support to the stakeholder process will be provided by Larry Walker and Associates.

A mission statement and principles of participation for the stakeholder have been developed and are attached to this report. Potential stakeholder representatives will be selected based on several criteria and qualities, including:

- Willingness to work cooperatively with other Stakeholder Group representatives
- Commitment to consistently attend 8-11 Stakeholder Group meetings held approximately every two months
- Demonstrated relationship to the Newport Bay watershed
- Knowledge of conditions affecting bacterial water quality in the Newport Bay
- History of involvement in Newport Bay watershed water quality issues
- Support from other stakeholders to serve as a representative

Each Stakeholder Group representative is expected to report back to his or her respective constituency to keep them aware of the Stakeholder Group's ongoing discussions, issues and conclusions that have been identified and to seek feedback as appropriate. Representative applications are to be submitted through the Regional Board web page and will be evaluated by Regional Board, County and OCCCK staff. Selected representatives will be notified in early January and the anticipated first meeting will be in late January.



## **Mission Statement**

The mission of the Newport Bay Fecal Coliform TMDL Stakeholder Group is to help fulfill the terms of the Settlement Agreement between Orange County Coastkeeper, the County of Orange and the Orange County Flood Control District to address bacterial water quality regulations in Newport Bay with respect to Recreational Water Contact (“REC-1”) and Shellfish Harvesting (“SHEL”) beneficial uses. The Stakeholder Group’s primary role is to develop “recommendations for submission to the Regional Water Board, setting forth the points upon which the Stakeholder Group has reached consensus, and the points on which the Stakeholder Group has not reached consensus.”



# Principles of Participation

## Representation

Participants in the Stakeholder Group are being sought based upon their demonstrated ability to represent the perspective of an organization or constituency as defined in the Settlement Agreement, with the maximum number of representatives for each category identified in parentheses:

- Orange County/Flood Control District (1)
- Orange County Coastkeeper (1)
- NPDES Co-permittees (2)
- Development/Business Community (3)
- NGO Environmental Community (2)
- Regional Board Staff (3)
- U.S. EPA (1)
- So. Cal. Coastal Water Research Project [advisory capacity only] (1)

Participants are being selected based on several criteria and qualities, including:

- Willingness to work cooperatively with other Stakeholder Group representatives
- Commitment to consistently attend 8-11 Stakeholder Group meetings held approximately every two month
- Demonstrated relationship to the Newport Bay watershed
- Knowledge of conditions affecting bacterial water quality in the Newport Bay
- History of involvement in Newport Bay watershed water quality issues
- Acceptance by other members of the stakeholder group category to serve as a representative

Every Stakeholder Group representative is expected to report back to his or her respective constituency to keep them aware of the Stakeholder Group's ongoing discussions, issues and conclusions that have been identified and to seek feedback as appropriate.

## Discussion Process

Stakeholder Group representatives agree to abide by the following discussion process:

- All perspectives are valued.
- One person speaks at a time.
- Every representative will have an equal opportunity to participate.
- The preferred deliberation process is collaborative problem solving.
- In cases of non-consensus, alternative perspectives will be documented.
- Stakeholder Group representatives will endeavor to understand each other's concerns and interests.
- A neutral third-party will facilitate the meetings.

## Meeting Attendance

In order for the process to work effectively, full participation of representatives will be essential.

Stakeholder Group representatives are asked to commit to attend meetings consistently. If a Stakeholder Group representative wishes to temporarily cede his or her seat at the discussion table or is unavailable to attend a meeting, he or she may designate an alternate to participate in the representative's place. The alternate should be up to speed regarding the status of prior discussions and decisions in order to not impede the progress of the Stakeholder Group.

## Support

A neutral third-party facilitator will conduct all Stakeholder Group meetings. The role of the facilitator is to ensure all perspectives are heard through a collaborative discussion process and to help develop consensus whenever possible. The facilitator is also responsible for drafting and circulating an agenda in advance of each Stakeholder Group meeting, preparing a summary of each meeting and circulating the meeting summary to Stakeholder Group representatives. Meeting discussions may be audio taped to aid in the preparation of meeting summaries.

## Meeting Agendas

Stakeholder Group participation in development of agendas will be encouraged. At the conclusion of each meeting, Stakeholder Group representatives will recommend items for inclusion in the next agenda and suggest any action items requiring additional research or further discussion.

## Observers

Meetings of the Stakeholder Group are open to the public. However, meetings are intended for the benefit of the Stakeholder Group representatives to promote balanced, constructive interaction. Observers will be asked to refrain from commenting during the proceedings. There will be an opportunity for public comment at the end of each meeting.

## Information Sharing

In order to ensure that all representatives have the same information available to them, all documents will be distributed directly by the facilitator to the Stakeholder Group or by placement on an established electronic repository to which all representatives will have access.

## Technical Assistance

Ongoing technical assistance will be provided by the Southern California Coastal Water Research Project, which will maintain one representative in an advisory capacity on the Stakeholder Group. Should additional technical assistance be deemed desirable by the Stakeholder Group, Larry Walker and Associates has been identified in the Settlement Agreement to serve in this capacity, under contract to the County of Orange. While the county will be responsible for contractually authorizing the use and payment for services of this technical consultant, the county will not direct their work. As outlined in the Settlement Agreement, the technical consultant will be directed to perform its tasks “on behalf of and under the direction of the Stakeholder Group collectively, or the facilitator.” Further, all work products of the technical consultant will be shared equally and simultaneously with all Stakeholder Group representatives.

## Dispute Resolution Process

The expectation is that all Stakeholder Group representatives and their alternates will participate collaboratively and in good faith to achieve the intended goal of developing consensus recommendations for submission to the Regional Water Board. To achieve this outcome, representatives will be transparent in their intentions and work to maintain a fair, objective and mutually respectful atmosphere. During the course of the process, however, an individual Stakeholder Group representative or subset of representatives may become concerned about the good faith actions of other representatives or the actions of the facilitator in performing his neutral responsibilities. A graduated response to such concerns will be undertaken, raising such concerns with the facilitator first, then with the parties to the Settlement Agreement and finally with the Stakeholder Group collectively until resolution is achieved. The intent of this dispute resolution process is to resolve process disputes at the earliest and most informal level possible, in order to avoid reaching a possible impasse in the Stakeholder Group recommendation development process. However, if such efforts fail to reach resolution, the parties to the Settlement Agreement will reach a decision on how to proceed, engaging the services of a mutually agreeable mediator or reverting to the court with jurisdiction over the Settlement Agreement as a last resort.

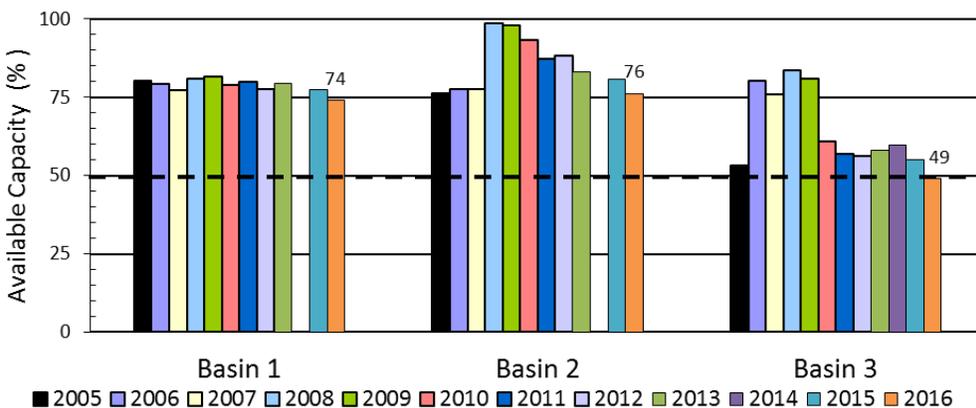
**ITEM # 3. SEDIMENT TMDL BASIN CAPACITY REPORT AND PLANNED SEDIMENT REMOVAL**

**Recommended Action:** Receive and File

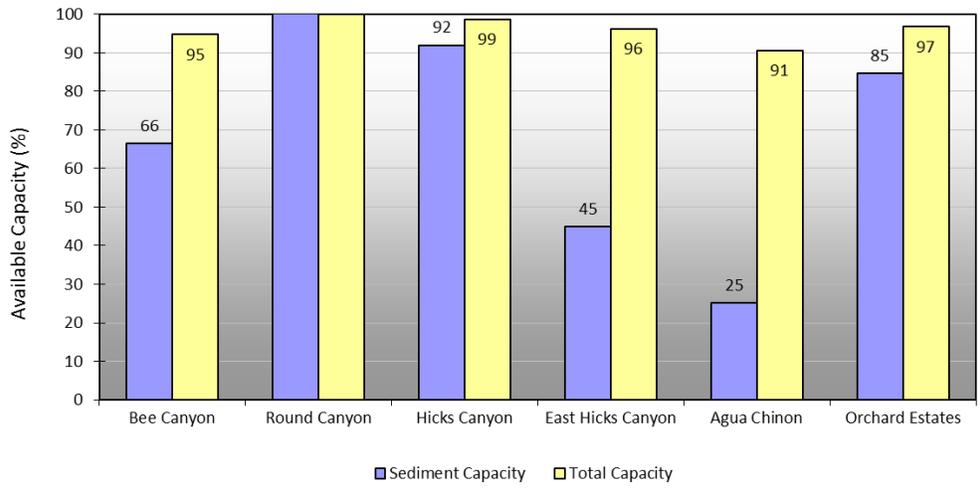
On November 15, 2016, the County of Orange, in cooperation with the watershed cities, submitted a report to the Santa Ana Regional Water Quality Control Board on the available capacities of the in-channel and foothill retarding basins in the Newport Bay watershed. In accordance with the Total Maximum Daily Load (TMDL) for sediment in the Newport Bay watershed and the amended Monitoring and Reporting Program (MRP), scour studies of the in-channel basins and foothill retarding basins are necessary in order to determine whether the sediment basins have at least 50% capacity. Maintaining available basin capacity allows for sediment deposition during the rainy season.

The capacity information presented in the 2016 report was derived from surveys conducted by OC Survey. The available capacities for In-channel Basins 1 and 2 and the foothill retarding basins were greater than 50% and meet the available capacity targets established by the sediment TMDL. In-channel Basin 3, however, showed an available capacity of 49%, falling just under the 50% capacity target. Sediment removal activities to restore available capacity above 50% have been scheduled and will coincide with planned vegetation removal this winter by OC Operations and Maintenance.

Sediment removal activities were performed during the 2015-16 reporting period in Hicks, East Hicks, and Bee Retarding Basins. Sediment removal within Agua Chinon and East Hicks Retarding Basins is scheduled for the current year. The following Figures 1 and 2 show the current available capacities of the in-channel basins and the foothill retarding basins.



**Figure 1.** San Diego Creek In-Channel Basins – Available Capacity (2005-2016). Sediment removal activities were conducted in Basin 2 in Reporting Period 2005 and in 2008. Sediment removal activities were conducted in Basin 3 in Reporting Periods 2005, 2006 and 2008. Surveys were not conducted in Basins 1 or 2 for 2014.



**Figure 2.** Foothill Retarding Basins - Sediment and Total Available Capacities, (2016)

**ITEM # 4. PROPOSED 2017 MEETING SCHEDULE**

**Recommended Action:** Approve 2017 meeting schedule

- a. March 15, 2017
- b. June 21, 2017
- c. September 20, 2017
- d. December 20, 2017

**ITEM # 5. EXECUTIVE OFFICER REPORT**

**ITEM # 6. EXECUTIVE COMMITTEE MEMBER COMMENTS**

**ITEM # 7. PUBLIC COMMENTS**

**ITEM # 8. ADJOURNMENT**

Next Meeting date: March 15, 2017