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Danita Hirsh, Assistant Secretary
SOCWA and the Board of Directors thereof

*Regular Meeting of The
South Orange County Wastewater Authority
Board of Directors*

September 7, 2023
8:30 a.m.

PHYSICAL MEETING LOCATION:
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

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AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE BOARD OF DIRECTORS AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

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1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ORAL COMMUNICATIONS

Members of the public may address the board regarding an item on the agenda or may reserve this opportunity during the meeting at the time the item is discussed by the board. There will be a three-minute limit for public comments.

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

ACTION Board Discussion/Direction and Action.

PAGE NO

5. CONSENT CALENDAR

A. Minutes of Board of Directors 1

- Board of Directors Meeting of July 27, 2023
(Facilitated Discussion Meeting Summary)
- Board of Directors Meeting of August 3, 2023

ACTION The Board will be requested to approve the subject Minutes.

B. Minutes of Engineering Committee65

1. Engineering Committee Meeting of April 13, 2023
2. Engineering Committee Meeting of May 11, 2023
3. Engineering Committee Meeting of June 8, 2023

ACTION The Board will be requested to receive and file the subject Minutes.

C. Operations Report (July)75

1. Monthly Operational Report
2. SOCWA Ocean Outfall Discharges by Agency
3. Quarterly Report on Key Operational Expenses
4. Beach Ocean Monitoring Report
5. Recycled Water Report
6. Pretreatment Report (August)

ACTION The Board will be requested to receive and file subject reports as submitted.

D. Capital Improvement Program Status Report (August) 118

ACTION Information item.

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E. Capital Improvement Construction Projects Progress and Change Order Report (<i>August</i>) [Project Committees 2, 15, 17, & 24]	121
ACTION Information Item.	
F. 2023-2025 Region IX Kelp Survey Consortium [Project Committees 5 & 24]	136
ACTION Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to enter into the Region IX Kelp Survey Consortium 2023-2025 contract with MBC Aquatic Sciences in the amount of \$20,779.34.	
G. Annual Renewal of IBM MaaS360 – Mobile Device Management Subscription	146
ACTION Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to renew the annual IBM MaaS360 Premier Suite (SaaS) subscription via Bird Rock for \$7,351.00.	
H. ADS Flow Monitoring Services Contract Award [Project Committee 2]	147
ACTION Staff recommends that the PC 2 Board authorize the Acting General Manager/Director of Operations to execute a two-year contract with ADS Environmental Services in the amount not to exceed \$100,000.	
I. Annual Renewal of Planet Bids Procurement Hosting Services Subscription	148
ACTION Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to renew the annual hosted services subscription with Planet Bids for \$13,378.00.	
J. Pacific West Patrol Contract Renewal for Security Services [Project Committees 2 & 17]	149
ACTION Staff recommends that the PC 2 and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a 1-year contract not to exceed \$18,000 with Pacific West Patrol for security patrol services.	
K. Contract Renewal to Mariposa Landscapes Inc. for Landscaping Services [Project Committees 2, 15, & 17]	151
ACTION Staff recommends that the PC 2, PC 15, and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a one-year contract extension with Mariposa Landscapes Inc.	

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L.	Aptean Tabware Software Renewal for \$46,004.56 [Project Committees 2, 15, & 17]	153
ACTION	Staff recommends that the PC 2, PC 15, and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a contract amendment for \$46,004.56, for a total contract amount not to exceed \$181,080.86.	
M.	Sodium Hydroxide Contract Renewal [Project Committees 2, 15, & 17]	155
ACTION	Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to exercise the second of three (3) 6-month renewals with North Star Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) at the current pricing.	
N.	Janitorial Contract Amendment Services [Project Committees 2, 15, and 17].....	158
ACTION	Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to execute an amendment to the Janitorial Contract with Crown Facility Solutions for an additional \$966.00 per month to \$68,818.82 per year.	
O.	General Manager's Status Report	160
ACTION	Information Item.	
6.	<u>ENGINEERING MATTERS</u>	
A.	Contract Award for As-Needed Project Management Support Services	197
ACTION	Staff recommends that the Board of Directors approve the contract to Project Partners for a total of \$168,000 for As-Needed Project Management Support Services.	
B.	Contract Amendment for Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance [Project Committee 15]	199
ACTION	The Engineering Committee recommends that the PC 15 Board of Directors approve the amendment to Dudek for a total of \$81,400 for the Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance.	

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- C. Contract Award for J.B. Latham Treatment Plant (JBL) Plant 1 Standby Generator
Pre-Purchasing [Project Committee 2] 201
- ACTION The Engineering Committee recommends that the PC 2 Board of
Directors approve the contract to Quinn/Caterpillar for a total not to
exceed \$532,070 to pre-purchase the Plant 1 standby generator.
7. GENERAL MANAGER'S REPORT
- A. RESOLUTION NO. 2023-08: A Resolution of the Board of Directors of South
Orange County Wastewater Authority Amending Its Conflict of Interest Code 203
- ACTION Staff recommends that the Board approve Resolution No. 2023-08,
A Resolution of the Board of Directors of the South Orange County
Wastewater Authority Adopting A Conflict of Interest Code which
supersedes all prior Conflict of Interest Codes and Amendments
previously adopted.
- B. Presentation from SMWD and SCWD regarding PC 2.....
- ACTION PC 2 Board Discussion/Direction and Action.
- C. Consideration of Proposals to Modify SOCWA.....
- ACTION
1. Report from SOCWA Directors on their agencies' input on the various
plans for discussion and the potential next steps or action(s).
2. Approve SMWD proposal to operate the J.B. Latham Treatment Plant and
direct PC 2 members to finalize the terms of the operation;
3. Approve MNWD proposal to operate the Regional Treatment Plant and
direct PC 17 members to finalize the terms of the operation;
4. Approve the "OUR" Plan and determine the next steps.
- D. Amendment No. 4 – Agreement for Acquisition, Use, Operation Maintenance, and
Expansion of Sewage Treatment Plant of City of San Juan Capistrano by South East
Regional Reclamation Authority for and on behalf of Project Committee 2..... 211
- ACTION PC 2 Board Discussion/Direction and Action.

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- E. Approval of the Q2 through Q4 Project Committee 2 (PC2) Operations and Maintenance Budget and Capital Expenditures Budget [Project Committee 2]..... 214

ACTION Staff recommends that the PC2 Board approve the Q2 through Q4 Project Committee 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL, and OPEB) as proposed and PC2 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering, and small capital).

- F. Approval of the FY 2023-24 General Fund Budget Q2 through Q4 Uneven Allocations..... 215

ACTION Board Discussion/Direction and Action.

- G. General Counsel's Updates.....

- JPA Revision Process (Standing item)

ACTION Information Item

- H. Upcoming Meetings Schedule:

- September 7, 2023 – Board of Directors Regular Meeting
- September 14, 2023 – Engineering Committee Meeting
- September 19, 2023 – Finance Committee Meeting
- October 3, 2023 – Board of Directors Regular Meeting

ACTION Information Item.

8. OTHER MATTERS

Determine the need to take action on the following item(s) introduced by Acting General Manager/Director of Operations, which arose subsequent to the agenda being posted. [Adoption of this action requires a two-thirds vote of the Board, or if less than two-thirds are present a unanimous vote.]

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING
OCTOBER 3, 2023

**South Orange County Wastewater Authority (SOCWA)
Working Group on SOCWA Future Direction**

Date and Time: July 27, 2023, 12:30 PM – 3:30 PM

Location: Dana Hills Tennis Club
24911 Calle de Tennis, Dana Point, CA 92629

SOCWA Board Members Present

Bob Whalen	City of Laguna Beach
Dave Rebensdorf	City of San Clemente
Kathryn Freshley	El Toro Water District
Mike Dunbar	Emerald Bay Service District
Matt Collings	Moulton Niguel Water District
Frank Ury	Santa Margarita Water District
Scott Goldman	South Coast Water District

Supporting Roles

Jim Burror	SOCWA
Adriana Ochoa	Procopio Law
Lewis Michaelson	Participation by Design
Hannah Blome	Katz & Associates

Welcome and Overview

Matt Collings began the meeting and introduced Lewis Michaelson, facilitator. L. Michaelson welcomed attendees and board members prior to introducing the proposal drafted by Mike Dunbar and Jim Burror.

L. Michaelson explained that after taking a preliminary look at the proposal, it might not be possible to get through all of the slides during the meeting, and there is a good chance members will need an opportunity to think about what is being presented today before they can react to it in a fulsome light. The majority of this meeting is going to be focused on that presentation, and what would be the next steps forward. One particular feature of this presentation is that Mike did try to tackle the governance issues, because by the end of the last meeting, there was consensus the time was right to bring that discussion forward in order to have a more comprehensive evaluation of what the best options are going forward.

O.U.R. Plan Proposal

The proposal presentation was introduced by M. Dunbar.

- The O.U.R. acronym represents the “Organizational, Unification and Renewal” Plan for SOCWA.

- M. Dunbar began his presentation by reminding the board of the previously identified list of needs compiled by the entire board, then listing the key concerns identified in proposals presented by Moulton Niguel Water District, South Coast Water District, and Santa Margarita Water District.
- M. Dunbar continued by identifying the ways in which the O.U.R. Plan proposal simplifies the current SOCWA governance structure under the Joint Powers Agreement:

SOCWA – JPA Governance (cont'd)

CURRENT GOVERNANCE STRUCTURE	PROPOSED FIXES TO JOINT POWERS AGREEMENT
<ul style="list-style-type: none"> • Currently, JPA contains: <ul style="list-style-type: none"> • Twenty-five majority provisions • Three 2/3 provisions • Eleven unanimous provisions 	<ul style="list-style-type: none"> • Revise JPA to state every action requires a 2/3 vote (5/7 agencies), except for seven provisions which would continue to require a unanimous vote: <ol style="list-style-type: none"> 1. Unanimous vote required to change the methodology for allocating O&M Costs/Capital Component. (6.3.1. REMAINS) 2. Acquisition or construction of a new project. (8.2 REMAINS) 3. Terminating SOCWA. (12.2 REMAINS) 4. Withdrawal from SOCWA unless certain terms satisfied (see slide 5). (12.3 REMAINS, BUT MODIFIED) 5. Adding new Member Agency to SOCWA. (13.1 REMAINS) 6. Amending Joint Powers Agreement. (13.3 REMAINS) 7. Unanimous consent of Participating Agencies required to change Project operators, irrespective of whether third-party operator, or Member Agency. (9.1 REMAINS, BUT MODIFIED)

SOCWA – JPA Governance (cont'd)

FOUR UNANIMOUS PROVISIONS BEING ELIMINATED	PROPOSED FIXES TO JOINT POWERS AGREEMENT
<p>6.1 – If the General Budget is allocated on a basis other than equal amounts, the General Budget must be approved by the unanimous consent of all Member Agencies.</p> <p>6.5 – Unanimous consent required by Board (if General Budget) or by PC members (if Project Budget) if there are expenditures that are over budget.</p> <p>11.1 – Capacity rights may not be sold, leased or assigned to parties or entities other than Member Agencies, or between and among Member Agencies, without the written consent of all Participating Member Agencies in a Project.</p> <p>11.1 – The cost and depreciation of Project facilities accrue to Participating Member Agencies in proportion to capacity rights, cannot be changed unless agreed to in writing by all Participating Member Agencies.</p>	<ul style="list-style-type: none"> • Approval by 2/3 vote required to approve budgets, change methodology, approve expenditures over budget (General or Project Budgets), sell, lease, or assign capacity rights to Member Agency or non-member agency. • Combine General and Admin Budgets into one budget, and use Project Committee O&M Methodology to eliminate withdrawal language, eliminate Dopujda method. Approval by 2/3 vote. • Eliminate language in 6.4 saying that a refusal to approve a budget may be treated as a request for withdrawal from the agency. Instead, replace with language that states that if a budget was not approved, the prior year's budget rolls over until a new budget is approved, subject to a reasonable CPI increase.

- M. Dunbar's next few slides identified the proposal's amendments to:
 - Renewing the vision and leadership
 - Elected and appointed officials
 - Board improvements
 - General Manager's accountability
- M. Dunbar described SOCWA's history and examples of cooperation throughout the past few decades and encouraged SOCWA to build on that history of cooperation in South Orange County.

M. Dunbar then turned to the board members for questions and comments.

- F. Ury: I want to understand the rationale behind changing the unanimous voting down to the two-thirds. What was the thought process behind that beyond just making it easier?
- M. Dunbar explained that with a unanimous voting structure on all actions, smaller agencies, like his own, could stonewall decisions. M. Dunbar explained that he does not want to hold up the process, therefore, his agency is comfortable with transitioning to a two-thirds majority vote on some action items. Other voting items, for example changing project operators, should still require a unanimous vote. The unanimous voting provisions that we kept were the ones that really make a difference. I think everything else we are comfortable being two-thirds.
- F. Ury: Let's talk specifically about #7. What was the rationale behind changing #7 (under the "Proposed Fixes to Joint Powers Agreement")
- Item 7 reads: *"Revise JPA to state every action requires a 2/3 vote (5/7 agencies), except for seven provisions which would continue to require a unanimous vote: Unanimous consent of Participating Agencies required to change Project operators, irrespective of whether third-party operator, or Member Agency. (9.1 REMAINS, BUT MODIFIED)"*
- M. Dunbar: It is a significant step to change an operator. We felt that all the agencies had to be on board for that. Having a two-thirds vote or a majority vote to do that is not in our best interests. We believe that if you really want to change the operator, you need to get the approval of all the members to do that. It is kind of like saying you want to withdraw from SOCWA.
- M. Collings: Who is "we" when you refer to "we" in this proposal?
- M. Dunbar: Jim and I put this together
- M. Collings: So SOCWA staff weighed in and thought that that was appropriate in this analysis here?
- M. Dunbar: We talked about that, and they said they were comfortable with that.
- M. Collings: I am trying to get some clarity here as to whether this is a board discussion on policy and governance or is SOCWA staff weighing in on how this should be governed.
- M. Dunbar: I was running ideas by them to see how staff felt about it, but ultimately it was my decision as a board member as to what was included in the proposal.
- F. Ury: And just to follow on with that, I guess part of the challenge then is that making the change of an operator unanimous is actually increasing the criteria for making a change. So now every PC 17 agency has to weigh in on if it is going to be assigned a third party, is that correct?

- M. Dunbar: That is correct.
- F. Ury: So now you said the goal was to make it easier, but that actually seems to be a higher level of restriction to the point where a smaller agency can stop everything.
- M. Dunbar explained that his proposal aims to simplify everything altogether, but that changing operators should still require a unanimous vote.
- L. Michaelson: Can I clarify something? This is a proposal. And what you are talking about now seems to me something that people might want to modify or make it better from their point of view. As we go through this presentation, you are open to modification and change (asking M. Dunbar) – this is not a take it or leave it proposal, right?
- M. Dunbar: That is correct. We are trying to get input. If agencies do not like what is on here, please, this is here to get clarification.
- S. Goldman: Following on Mike’s comment, specifically on #7, the way I took it is we are trying to simplify things. To change an operator, whether it is an agency or someone else, requires a unanimous vote because that is a fairly significant change. So, I understand the reasoning behind that. Same thing – changing the voting process for the budget. That has been a frustration for me, that we get to a time to vote on a budget every year, and you have to have a unanimous vote. At that point the agency ceases to exist – which is not an option. I appreciate the effort Mike Dunbar put into this. I think it is a great starting point.
- M. Collings: Two clarifying things. One, you actually do not need a unanimous vote to move the budget forward, it just needs to be allocated equally, and it does not require a unanimous vote. It is not being held up because of a unanimous vote, it is how it’s allocated is what holds up the movement of the budget going forward. The second thing is, Mike, you mentioned five out of seven agencies, is that for every decision that is not on the unanimous side?
- M. Dunbar: That is correct.
- M. Collings: So, a capital project to update a regional treatment plant requires five agencies to agree to move that forward? Does this eliminate PC votes now?
- M. Dunbar: No. To clarify, these are SOCWA, or Joint Powers votes. So, project committees would govern their own destiny.

J. Burror continued the presentation of the O.U.R. Plan proposal. L. Michaelson reminded the board that the proposal’s title reflects the acronym, “Organizational, Unification and Renewal” Plan, not “our.”

- J. Burror outlined the proposal’s plan for SOCWA services:
 - Cost efficiencies
 - Organizational improvements
 - Budget modernizations
 - Assessment on operations and financial optimizations
 - Findings
 - Building on our successes
 - Recommended increased environmental compliance services

[This part of the presentation was based closely on the slides that J. Burror presented and is best captured due to its length by referring to the slides themselves as referenced in the bullets above.]

L. Michaelson turned to the board for questions and comments.

- M. Collings clarified with M. Dunbar whether the O.U.R. Plan proposal was M. Dunbar's suggestions or J. Burror's suggestions.
- L. Michaelson rephrased M. Collings' question to ask M. Dunbar if there were any points on the O.U.R. Plan proposal in which M. Dunbar disagreed with.
- M. Dunbar: This is a negotiation. These are my recommendations on the governance, and Jim's recommendations on the operations. These are subject to further negotiations until we get to a final plan.
- F. Ury questioned the need for increased environmental compliance services.
- F. Ury: First question I always ask before adding new staff is, "are we currently deficient in addressing part of our organization due to staffing? Are we not doing something right now that you can point to specifically that we should be doing, and we are deficient in?"
- J. Burror: We are stretching Amber pretty thin. She needs help. Especially some of the things that are going on in the regulatory community. We need some senior level regulatory specialist services. From a laboratory point of view, it is more of an expansion of services. It would be nice to have that resource available to us when we are going back to some of these agencies and saying, "hey, wait a minute, that's not what the data actually says." We can collect our own data and be our own advocate.
- F. Ury questioned the O.U.R. Plan proposal to hire engineers for CIP support.
- J. Burror: Today, one of our issues is that we have a vacant position that has been very difficult to fill. My proposal is essentially to not do additional contract services in the existing projects. Bring that in house instead of hiring project partners to manage a project.
- F. Ury: If an improvement was going to be done at Latham, for example, and was going to be funded by one of the agencies, you would not be looking to the agencies to hire the support staff or engineers? You would expect to have that in-house? Whichever agency is doing the improvement would not have to pay those costs? It would be paid for by the entire SOCWA board, not by the agency funding the project?
- J. Burror: No, those expenses would be funded within the CIP project itself. And that is where the costs are at today. Capital Improvement Program projects have funds in their budgets for staff.
- J. Burror explained that with the O.U.R. Plan proposal, CIP projects would rely less on staff hired specifically for CIP projects and rely more on in-house staff.
- In further response to F. Ury's question, M. Dunbar explained that SOCWA would not be involved in sole-agency projects.
- M. Dunbar: SOCWA is only involved in actual treatment plants, secondary, primary, and the outfalls. Not any additional DPR or AWT.
- J. Burror explained that this proposed change is already budgeted for. The budget is currently allocated for outside staff, but the O.U.R. Plan proposal seeks to transition those allocated funds towards hiring in-house SOCWA project staff and engineers.

- J. Burror: The funds are not additive. It is already in the Capital Improvement Program.
- B. Whalen: Where would we be after the cost savings and the improvement options? What is the overall net impact?
- J. Burror: The \$300,000 for CIP program is already in the CIP budget. It is a staffing issue but not necessarily a budget issue. If the board were to elect to move forward with the administrative options and the environmental compliance at full freight, the savings would be at about \$200,000 per year.
- S. Goldman: The environmental compliance enhancement. The environmental aspects of what SOCWA does – the regulatory permitting, under all the proposals, that stays with SOCWA. So, the \$300,000 that you are recommending would be under any of the proposals, is that correct? It is not just specific to this proposal?
- K. Freshley agreed with the need for expanded environmental compliance staffing.

J. Burror continued the presentation with an explanation of how the O.U.R. Plan builds on SOCWA's success. [Please refer to the slides from the presentation on this topic.]

L. Michaelson then called for comments and questions so far on the presentation.

- M. Collings: Who is going to financially guarantee delivery of service?
- M. Collings recalled that last fall, Moulton Niguel had to shut down AWT. His own agency was financially liable for their facility. M. Collings questioned why under the O.U.R. Plan proposal, SOCWA member agencies would be liable for agency-specific service failures.
- D. Rebensdorf: Are you saying just within a JPA or all of SOCWA?
- M. Collings: From what I am hearing, this is an all for one conversation, so I imagine that would be all of SOCWA that would have to financially guarantee service deliveries.
- D. Rebensdorf: No, I do not want to pay for your outage at your plant.
- M. Collings: There is no accountability if we carve it out by project committees. Why is the whole board not accountable for delivering its services?
- M. Dunbar: We are trying to push the operation down to the various PCs.
- F. Ury confirmed that under the O.U.R. Plan proposal, SOCWA owns the treatment plants.
- M. Dunbar: However, the operation is with individual PCs.
- F. Ury and M. Collings expressed concerns over liability distribution under the O.U.R. Plan proposal.
- M. Collings: The question is, are the individual PCs going to financially guarantee delivery of service?
- S. Goldman: I think you are getting beyond what is being presented. You are raising a specific issue.
- M. Collings: If we are continuing to expand reuse, and the only way to accomplish that is through a SOCWA driven operator, because that is the only choice we are being given – not being able to choose our own destiny with our operation, why wouldn't the other agencies guarantee that delivery of service?

- S. Goldman: Regional is a little different. You own the tertiary, SOCWA doesn't own the tertiary. I do not know why we are mixing PC with all of JPA. I think we are just complicating things. No one has any ownership in the coastal treatment plant besides the four of us. I do not know why we are bringing anyone else into that discussion.
- M. Collings: It comes down to allocation of liability and guarantee of delivery of service, which is fundamental to what is being presented here. How do you hold a JPA accountable if it is going to be specific to some elements but not these elements? If operation fails, who will be financially accountable? That sounds like a specific governance question.
- F. Ury: It comes down to, if the imposition of an operator, like SOCWA, why isn't that the agency that is liable for deficiencies? That is the whole challenge. It is the distributed liabilities discussion. Whoever is making the decision, they get to own that decision. You break it, you buy it.
- A. Ochoa provided a key distinction to clarify: The proposal on the unanimous vote for the operation of facilities is not unanimous for all SOCWA, just unanimous per PC.
- M. Dunbar confirmed this was correct under the O.U.R. Plan proposal.
- F. Ury: So, if the PC that you are in messes up, it appears that liability is supposed to be shared by the entire PC.

M. Dunbar concluded the O.U.R. Plan proposal presentation with the proposal's summary and recommendations, along with an explanation of how the proposal meets the previously identified list of needs.

OUR Plan Summary and Recommendations

- ✓ SOCWA Board to renew its vision and leadership role
- ✓ SOCWA Board to update the JPA Agreement
- ✓ SOCWA to modernize the Budget
- ✓ SOCWA to pursue Administration outsourcing efficiencies
- ✓ SOCWA to add staffing to Compliance and Engineering
- ✓ SOCWA to maintain ownership of all the existing facilities
- ✓ SOCWA to operate CTP and JBL and the outfalls
- ✓ SOCWA's PC15 and PC17 to jointly initiate a solids feasibility study to investigate options to optimize solids processing for PC15 and PC17
- ✓ Initiate negotiations with MNWD to operate RTP in conjunction with the feasibility study effort

OUR Plan meets the “List of Needs”

- ✓ Voting fairness – Proposed JPA updates: clarify and simplify voting requirements and maintains protections for all member agencies
- ✓ Liability-allocation – Board collectively to hold the SOCWA General Manager accountable for operator errors
- ✓ Regulatory compliance – Continues to maintain SOCWA (the General Manager and Director of Environmental Compliance) as an independent regulatory entity in South Orange County (as requested by the RWQCB) and expand needed services
- ✓ Cost allocation – Continues to allow the SOCWA Board to directly review, update, and manage costs for the collective group



OUR Plan meets the “List of Needs”

- ✓ IPR-DPR Plants – The current regulations and the JPA agreement maintains members ability to pursue IPR-DPR projects with SOCWA and/or a contract with member agencies operating the treatment facilities without modification to the plants
- ✓ IPR-DPR Enhanced Source Control Program(s) Requirements – SOCWA would continue to maintain an independent source control program and can support the implementation and oversight of any new requirements for an Enhanced Source Control Program within, and outside, any of the local jurisdiction boundary's implementing IPR-DPR

OUR Plan meets the “List of Needs”

- ✓ Rights to effluent and plant capacity – Updates to the JPA agreement can allow agencies to continue their rights in perpetuity
- ✓ Capital financing – Maintains the ability for the SOCWA Board to direct staff to implement specific financing and grant application efforts using third parties without hiring and maintaining dedicated SOCWA employees
- ✓ Capital financing – Maintains the ability of the member agencies to issue debt against their capacity rights in SOCWA-owned facilities
- ✓ Regulatory advocacy – Maintains the ability for the SOCWA Board to direct staff to implement specific efforts and for SOCWA to partner with the member agencies’ staff and lobbyist, or for SOCWA to retain additional staff and consultants to directly perform additional regulatory advocacy to support and promote the collective region’s needs

OUR Plan meets the “List of Needs”

- ✓ New and emerging issues – Maintains the ability and flexibility for the SOCWA Board to actively manage new regional emerging issues
- ✓ Regional collaboration – Maintains the SOCWA Board’s unique position to support regional collaboration, strategic planning implementation, and leadership through the annual budget process
- ✓ Performance standards – Allows the SOCWA Board of Directors to continue to monitor SOCWA’s excellent performance and include operational performance measures in the General Manager’s performance evaluation for direct accountability

OUR Plan meets the “List of Needs”

- ✓ Cost-effectiveness – Continues to maintain SOCWA's regional collective cost efficiencies and economies of scale for regional services
- ✓ Bulk purchasing – Allows for the continuation of SOCWA's efforts to procure chemicals and Biosolids contracts for the member agencies, as has been done for 20+ years
- ✓ Lab services – Allows for the continuation of SOCWA's services to the member agencies, as has been done for 20+ years

M. Dunbar: Next steps, I am requesting that the Chair call a special meeting, probably at the end of August or early September, to determine a path forward for SOCWA, which will look at the four blueprints or proposals: 1) No change (status quo), 2) Moulton Niguel Water District's proposal to own and operate the regional plant, 3) Santa Margarita Water District's proposal to operate the JBL treatment plant, or 4) SOCWA O.U.R. Plan. I am requesting that each one of our agencies' representatives on the board here discuss this with their respective boards or council and be prepared to make a decision at that meeting.

[The SOCWA board returned after a 15-minute break.]

- F. Ury suggested adding the vote to the agenda for their following board meeting a week away.
- M. Dunbar reminded that some of the other agencies need some more time to discuss with their board members before casting a vote, hence his recommendation to schedule a special meeting to focus specifically on the proposal decision.

Going back to the last part of the presentation, L. Michaelson asked the board to first identify aspects of the overall O.U.R. Plan proposal which they approved of.

- F. Ury: I appreciate the clarity and positioning. I prefer clarity over agreement, and this proposal is very clear.
- F. Ury explained that he does not have an issue with hiring additional support but would rather discuss staffing issues in a different venue.
- B. Whalen: I like the proposed simplification of the governance structure and the voting. I think the existing structure is way too complicated and confusing. I am interested in the proposal to have a feasibility analysis done to determine what can be done for solids at coastal. Jim, what's the time frame if the board were to support something like that?
- J. Burror: We could move as quickly as possible. I would envision that that information would be needed by the end of the fiscal year. We'd have a consultant that we could go back to who has done a lot of evaluations at that site.

- B. Whalen: I am actually surprised to hear the discussion that was occurring with respect to liability. Whether at the SOCWA level or the PC level, this thing has been around for 50 years. So, our interests from the Laguna Beach side, under the current agreement, we would have no liability for Latham. I am not interested in having liability for facilities that we have no part of. In terms of liability, in facilities we are a part of, that is certainly something we are willing to address.
- S. Goldman: I like the simplification of the voting. I liked the history on how we got to the general and administrative budgets. I thought that was useful to see where we can streamline and make things better and more efficient. I think it is a good start in the right direction.

Additional discussion ensued about distribution of liability according to the JPA versus individual facility agreements. A. Ochoa provided information about the exact wording found in agreements but pointed out that in some cases, language in one section appears to contradict language in different sections, particularly with regard to joint and several responsibilities for all agencies in the JPA versus allocated liability to specific agencies within contracts. F. Ury asked A. Ochoa for her written opinion on the SOCWA JPA in terms of distribution of liabilities, which she indicated had been prepared previously by her and agreed to recirculate it to the board.

- K. Freshley indicated she was comfortable with Moulton Niguel moving forward more quickly with its proposal to assume operational responsibility for the regional treatment plant. She observed that the O.U.R. Plan proposal aligned with Moulton Niguel's proposal to turn operation of the regional plant over to MNWD but that it is more of a question of how long that would take.
- M. Dunbar indicated that from his point of view, the timing was open to negotiation.
- F. Ury argued that the O.U.R. Plan proposal was a step backwards for Santa Margarita Water District from the governance standpoint.

The board then discussed the potential to alter contracts in the future to address concerns and clarify contractual ambiguities, but there was disagreement about how quickly that could be accomplished, with some stressing urgency and others believing more analysis of cost implication would be needed to make a good decision. J. Burror presented a scenario in which such an analysis could potentially demonstrate that if the coastal agencies were better off processing their solids at the coastal facility and El Toro was better off processing their solids at their facility, there would be the opportunity to right-size all the facilities and allow Moulton Niguel to become the sole user and operator at the regional treatment plant. M. Collings indicated that the timeframe for conducting the study and all the agencies analyzing the results would not address his agency's concern for timely action.

L. Michaelson then reframed the discussion of proposals in terms of what the workshops were intended to achieve, i.e., a path forward for SOCWA as a whole, and asked where that discussion now stood irrespective of individual facility discussions.

- F. Ury returned to the discussion of governance and indicated that from his agency's perspective, the O.U.R. Plan proposal is a step backwards in terms of some decisions that were previously not unanimous that would now be unanimous, including the one he considers the

most critical. In addition, the budget results shown in the O.U.R. Plan presentation appear to increase costs for his agency with no attendant benefit. His agency's proposal was predicated on the willingness to pay more if it gave his agency the control over the Latham facility to where it would be holding itself accountable for operations. The O.U.R. Plan proposal does not resolve SMWD's issues with the current status of control versus accountability that would be sufficient for his agency to make the investments related to IPR/DPR that they seek to make.

- S. Goldman: What I heard is a need to simplify and reduce the number of unanimous votes. And I think this proposal does – from 25 to 7. I think this proposal was trying to listen to your concerns. As to the other concerns, my understanding is that Mike offered up a proposal and that there is ample opportunity to refine it.
- L. Michaelson noted that MNWD and SMWD had the opportunity to listen to the needs and concerns of SOCWA member agencies, present those challenges to their individual agency boards, and return with an amended proposal to the SOCWA board. L. Michaelson noted that the O.U.R. Plan proposal has not been given that opportunity yet.
- L. Michaelson asked M. Dunbar if it would make sense to him to have the opportunity to refine the proposal he put forward to try and address the concerns and issues he heard today to put the O.U.R. Plan proposal on an equal footing with the other proposals?
- M. Dunbar: I heard from both Frank and Matt that there are some concerns, and I can address some of them. However, I am going to go back to something Frank said before: the time for rhetoric is over, it is time to do something. If Santa Margarita wants to do AWT, IPR, DPR at the Latham plant, what we are proposing is they can do that. They do not need SOCWA to be involved. As a board member, I am fine with that.
- M. Collings: Why does SOCWA have to do secondary, especially if we are trying to minimize oversight by this board?
- M. Dunbar: SOCWA is the one with the permits. Until that changes, SOCWA has to be involved.
- K. Freshley: The challenge we have is, following up with Frank's concerns about liability, the nature of a JPA is that it makes everybody who is in the JPA responsible when it comes down to liabilities. The only way you can easily separate the responsibility from the JPA is removing JPA from any operations. Maybe the current nature of ownership and operational responsibility has outlived its usefulness.
- M. Dunbar clarified that the O.U.R. Plan proposal is a starting point. He urged the board to make a decision on a proposal and then amend the chosen proposal.
- M. Collings asked the board to motion for adding the vote on the agenda for the following week's board meeting.
- B. Whalen requested to speak to his board first prior to casting his vote. His board meets on August 22, so he requested a meeting date after August 22.
- S. Goldman indicated he needed that time for his board as well and suggested adding the vote to the agenda during the September board meeting.
- M. Collings indicated that his preference would be for next week but that if more time is what others need, he understands.

The board agreed to add the vote to the agenda for the September board meeting.

L. Michaelson concluded the workshop portion of the meeting by stating that the original design for the workshops was intended to create a hybrid/consensus proposal for SOCWA's future, but that over four workshops it had become necessary and obvious that the board would only consider competing proposals. While the proposed vote as outlined appears to set up a win-lose dynamic, he stated his belief that there were several areas of SOCWA's future where the agencies were in agreement, or at least not far apart, that were in danger of being lost in the process despite being potentially beneficial to all parties. He encouraged them to identify what those areas are and to capture them in a way that could resolve a portion of the issues brought to the table.

Public Comment

A member of the public asked the SOCWA board to identify the four different proposal options to be voted on at the September board meeting. After an ensued discussion, there was a consensus of the Board that the four proposals to be voted on at the SOCWA Board Meeting on September 7, 2023, are: no action, MNWD Blueprint, SMWD Blueprint, and O.U.R. Plan proposal.

Organizational, Unification and Renewal Plan (OUR Plan) for SOCWA

Facilitated Discussion #4
July 27, 2023



OUR Plan worked to incorporate and address Board and agency concerns

- ✓ List of Needs and Governance (Word cloud)
- ✓ MNWD's concerns
 - ✓ There are present and future needs of its member agencies
 - ✓ Ratepayers relations
 - ✓ There is a need to integrate complex projects into South OC's interconnected infrastructure systems
- ✓ SCWD concerns
 - ✓ Financial impacts of service scenarios are needed
- ✓ SMWD's concerns
 - ✓ Control of facilities concerns
 - ✓ Operational concerns
 - ✓ Financial concerns



SOCWA – JPA Governance

- ▶ Current problem with governance articulated by the SOCWA Board of Directors at Workshops #1 and #2
 - Too many different voting provisions (majority, 2/3, unanimous) that make governance difficult

SOCWA – JPA Governance (cont'd)

CURRENT GOVERNANCE STRUCTURE

- Currently, JPA contains:
 - Twenty-five majority provisions
 - Three 2/3 provisions
 - Eleven unanimous provisions

PROPOSED FIXES TO JOINT POWERS AGREEMENT

- Revise JPA to state **every action requires a 2/3 vote** (5/7 agencies), except for **seven** provisions which would continue to require a **unanimous** vote:
 1. Unanimous vote required to change the methodology for allocating O&M Costs/Capital Component. (6.3.1. **REMAINS**)
 2. Acquisition or construction of a new project. (8.2 **REMAINS**)
 3. Terminating SOCWA. (12.2 **REMAINS**)
 4. Withdrawal from SOCWA unless certain terms satisfied (see slide 5). (12.3 **REMAINS, BUT MODIFIED**)
 5. Adding new Member Agency to SOCWA. (13.1 **REMAINS**)
 6. Amending Joint Powers Agreement. (13.3 **REMAINS**)
 7. Unanimous consent of Participating Agencies required to change Project operators, irrespective of whether third-party operator, or Member Agency. (9.1 **REMAINS, BUT MODIFIED**)

SOCWA – JPA Governance (cont'd)

FOUR UNANIMOUS PROVISIONS BEING ELIMINATED

6.1 – If the General Budget is allocated on a basis other than equal amounts, the General Budget must be approved by the unanimous consent of all Member Agencies.

6.5 – Unanimous consent required by Board (if General Budget) or by PC members (if Project Budget) if there are expenditures that are over budget.

11.1 – Capacity rights may not be sold, leased or assigned to parties or entities other than Member Agencies, or between and among Member Agencies, without the written consent of all Participating Member Agencies in a Project.

11.1 – The cost and depreciation of Project facilities accrue to Participating Member Agencies in proportion to capacity rights, cannot be changed unless agreed to in writing by all Participating Member Agencies.

PROPOSED FIXES TO JOINT POWERS AGREEMENT

- Approval by 2/3 vote required to approve budgets, change methodology, approve expenditures over budget (General or Project Budgets), sell, lease, or assign capacity rights to Member Agency or non-member agency.
- Combine General and Admin Budgets into one budget, and use Project Committee O&M Methodology for allocation (eliminate unanimous language, eliminate withdrawal language, eliminate Dopujda method). Approval by 2/3 vote.
- Eliminate language in 6.4 saying that a refusal to approve a budget may be treated as a request for withdrawal from the agency. Instead, replace with language that states that if a budget was not approved, the prior year's budget rolls over until a new budget is approved, subject to a reasonable CPI increase.

OUR Plan options considered

- 1) Status Quo (keep SOCWA as is – nothing is broken)
- 2) Renewing the organizational “vision and leadership,” implementing efficiencies, and improving services for the member agencies (“OUR Plan”)

- Focus more on providing leadership in South OC on regional regulatory and business-related issues affecting wastewater treatment and recycling
- Focus more on big-picture issues for South OC and less on day-to-day agency reporting and operations
- Maintain SOCWA as an independent regulatory body directly accountable to the SOCWA Board and the RWQCB
- Modernize and improve SOCWA and its business practices
- Streamline accounting and budgeting
- Support the member agencies planning to implement recycled water and IPR/DPR projects (after SOCWA’s secondary treatment)

Renewing the vision and leadership

- ▶ Local agencies exercise leadership for themselves, the region, and their neighboring communities
- ▶ The SOCWA Board to provide leadership for wastewater in South Orange County

MNWD-SMWD Original Blueprint	VS.	OUR Plan
Vision controlled by one local agency with limited opportunity for all impacted constituents' input going forward	VS.	SOCWA's elected and appointed Officials control Vision for the region
Accountability established via contracted relationships with legally binding provisions (inc. liability)	VS.	SOCWA's elected and appointed Board Members maintain accountability to their respective electorates and Boards
General Manager directly accountable for services within the local agency service area, but indirectly accountable for services outside the local agency's service area	VS.	A General Manager directly accountable to SOCWA Board for "Vision" implementation
Local agencies gain efficiencies by providing regional services and can share benefits via contracted services pricing	VS.	Efficiency of operation and improved shared services maintained at regional economies of scale
New/emerging issues and future regulations will likely require renegotiating contracts	VS.	Collective SOCWA Board to manage new/emerging issues and future regulations ongoing

OUR Plan for Elected and Appointed Officials

- ▶ Update and maintain a Vision for SOCWA (annual review/retreat by Executive Committee or full Board)
- ▶ Board to work towards balancing the needs of the region and the individual member agencies
- ▶ Implement programs and services that benefit the collective group (fairly funded)
- ▶ Provide a dedicated open forum to discuss new/emerging issues, legislation, and future regulations
- ▶ Utilize and enhance SOCWA's collective power to influence County, State, and Federal regulations, legislation, and research programs
- ▶ Continue to participate in State and Federal funding programs to benefit all South OC
- ▶ Provide opportunities for SOCWA and the member agencies to share their communities' "Vision" to enhance business opportunities, increase property values, and encourage travel and recreation in South Orange County

OUR Plan Board Improvements

- ▶ Focus meetings on South OC leadership issues
 - Move from day-to-day operational oversight to General Manager's Goals/KPIs
 - Modernize the monthly operations report to follow GM's KPI's
- ▶ Finance and Engineering Committees to quarterly meetings
 - Special meetings, if needed
 - Only quarterly financials (with cash roll forwards and CIP reports)
- ▶ New Committee for Environmental Compliance
 - Bi-monthly meetings
 - Quarterly all GMs Forum with RWQCB meetings (off month)
- ▶ Board meetings
 - Permanently cancel January and July meetings
 - More Adhoc committees for larger study efforts
 - Special meetings as necessary
- ▶ Minutes
 - Action minutes and retain the Audio and Video files ("for the record" statement to be noted with the action minutes)

OUR SOCWA General Manager's Accountability

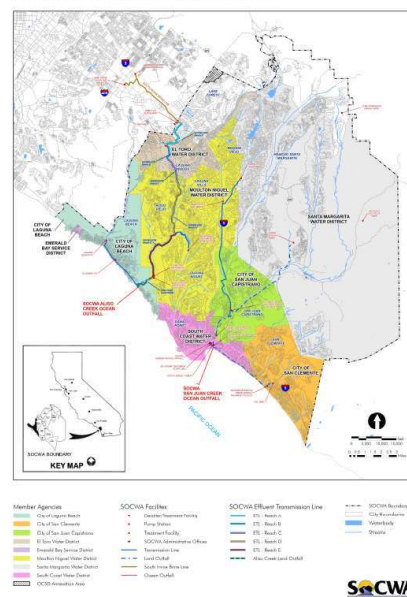
- ▶ Board to continue to directly oversee and manage the General Manager
- ▶ Board to set agency goals and priorities
- ▶ Board to set service Key Performance Indicators (KPI)
- ▶ Performance of the General Manager to be tied to the performance of KPI's and Board goals
- ▶ General Manager to direct staff to support the Board and member agencies:
 - Permitting and compliance activities
 - Advocating and lobbying (supporting the SOCWA Chair and Vice Chair)
 - Participating in regional memberships and industry organizations
 - Co-hosting regional symposiums on select topics for regional cooperation and collaboration
 - Attaining grants and other funding
 - Researching activities to support evidence-based regulatory policy development
 - Supporting the protection of coastal areas and environmental resources
- ▶ Efforts will be made to spin off single agency-operated PCs

Break

OUR Plan for SOCWA Services

- ✓ Cost efficiencies
- ✓ Organizational improvements
- ✓ Budget modernizations
- ✓ Assessment on operations and financial optimizations
- ✓ Findings
- ✓ Building on our successes

SOCWA SERVICE AREA MAP



OUR Plan Cost Efficiencies

- ▶ Focus efforts on outsourcing administrative services and functions with attrition (est. future annual saving \$300k)
 - Human Resources – third-party contractor
 - Finance/Accounting and Auditing – two (2) third parties (similar to Encina)
 - Secretarial office support – 1 part-time
 - Automate AP receiving and bill filing processes via third-party service
 - Maintain one (1) CPA-level staff for oversight, management, and support for other Departments (Finance Manager)
- ▶ Combine GM and DOO positions (\$300k savings)
- ▶ Simplify JPA & PC agreements to reduce the need legal support (\$100k to \$150k)
- ▶ Estimated \$700k to \$750k in annual savings

OUR Plan Improvements Options

- ▶ Recommended increased Environmental Compliance Services
 - Add two senior-level compliance (regulatory specialist and lab) staff (\$300,000)
 - Add funding for consulting and outreach (up to \$200,000)
 - New Board Committee for information and communication
 - New forum for GM's with RWQCB
 - New resources for industry, regulatory, and legislative outreach
 - New resources to research evidence-based regulations
- ▶ Recommended increased staff support for CIP
 - Two staff (engineer and inspector) to be included in the CIP projects (\$300,000)
 - Fewer outside resources contracted during design and construction

OUR Plan for Budget Modernization

- ▶ Budget all Administrative costs in a single Budget and eliminate the two budgets (Admin and GF)
 - Original General Fund needs are in the past...
 - Meeting notice costs (newspaper)
 - Meeting room rentals fees
 - Director fees
 - Contracted General Manager
 - GM operating three JPA's with separate billings to each
 - Setup costs for the AWMA/SERRA JPAs
 - Contracted admin support
- ▶ Proportion all Administrative costs based on PC budget %s of the total Budget
- ▶ Include all Administrative costs directly in the PC Budgets
 - Continue to present the Administration Budget details for informational and transparency purposes, not for budget authorization.



OUR Plan Budget Modernization (cont'd)

Move all Administrative costs into a single budget using PC budgets as the basis for cost allocations. The results of moving the General Fund into the Administrative Budget are presented below:

Eliminate Allocations to General Fund					
Agency	FY 2023-24 GF Budget Current	GF Uneven %	Shift to Admin Allocation %	Shift to Admin Allocation \$'s	Delta
City of Laguna Beach	\$59,634	13.800%	9.875%	\$42,672	(\$16,962)
City of San Clemente	\$29,817	6.900%	1.860%	\$8,037	(\$21,780)
City of San Juan Capistrano	\$0	0.000%	0.000%	\$0	\$0
El Toro Water District	\$44,510	10.300%	5.483%	\$23,692	(\$20,818)
Emerald Bay Service District	\$59,634	13.800%	2.651%	\$11,458	(\$48,177)
Irvine Ranch Water District	\$0	0.000%	0.748%	\$3,234	\$3,234
Moulton Niguel Water District	\$89,452	20.700%	37.526%	\$162,163	\$72,712
Santa Margarita Water District	\$59,634	13.800%	22.580%	\$97,574	\$37,940
South Coast Water District	\$89,452	20.700%	19.277%	\$83,302	(\$6,150)
Trabuco Canyon Water District	\$0	0.000%	0.000%	\$0	\$0
Total	\$432,133	100.000%	100.000%	\$432,133	\$0

OUR Plan Budget Modernization (cont'd)

- ▶ Reduce the number of budget number line items by 25%
 - Add 4 smaller items to Contract Services Misc. Budget add \$425k (\$800k total)
 - Include Landscaping
 - Include Janitorial Services
 - Include Uniforms
 - Include Contract Services Generators
 - Combine 11 lines into “Other Consumables and Supplies” total \$285k
 - Other Chemicals – Misc.
 - Small Vehicle Expense
 - Miscellaneous Expense
 - Office Supplies – All
 - Small Vehicle Fuel
 - SCADA Infrastructure
 - IT Direct
 - Office Equipment
 - Equipment rental
 - Public notices
 - Recruitment (in the PC budgets only)

OUR Plan Budget Modernization (cont'd)

- ▶ Building on previous study efforts to move O&M costs to fixed percentages (ownership)
 - Similar recent changes to PC5/24
- ▶ Budget line items that change very little based on actual flow and solids to be converted to fixed ownership (capacity) allocations
 - SOCWA staff will present at least 5 budgeted lines per year
- ▶ Result: Smoothing of financial obligations in the Budgeting and Use Audit processes

OUR Plan for SOCWA's Facilities

- ▶ 54 potential financial scenarios assessed
- ▶ Considered various allocations of Admin costs
- ▶ Incorporated proposed efficiencies for Admin costs
- ▶ Considered member agency operations of SOCWA facilities
- ▶ Included increased services for Environmental Compliance and Engineering
- ▶ Reviewed the draft IPR–DPR regulations for consistency with the existing facilities, planned CIP, and this Plan
- ▶ Investigated potential capital optimizations

OUR Plan for SOCWA Facilities findings

- ▶ Only one scenario financially benefited all seven member agencies, but it does not modernize SOCWA
- ▶ SOCWA's economies of scale efficiencies for the collective group are maintained by operating the region's facilities
- ▶ There is an opportunity to rethink solids processing at CTP and RTP
 - RTP solids capacity utilization is approximately 70% overall
 - There is space at CTP and the ETWD plant for solids processing
 - Rightsizing solids processing opens the opportunity for MNWD to be the sole participant at RTP and operate RTP
- ▶ Recommendations
 - SOCWA continues to operate CTP and JBL and the outfalls
 - SOCWA's PC15 and PC17 to jointly initiate a solids feasibility study to investigate optimizing solids processing for PC15 and PC17
 - Initiate negotiations with MNWD to operate RTP in conjunction with the solids feasibility study effort

**OUR Plan is to build on
SOCWA's success**



OUR Plan is to build on SOCWA's success (cont'd)

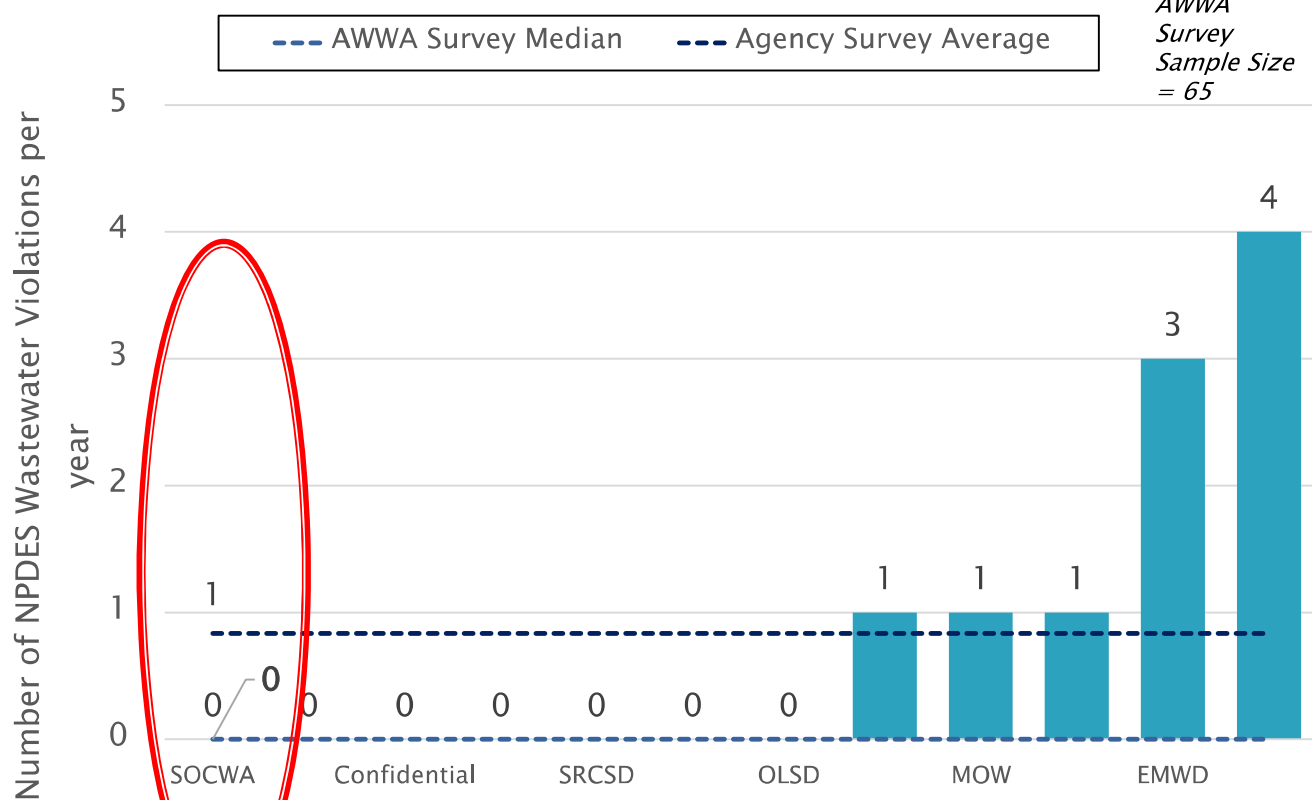
- ▶ Regional support for regulatory compliance
 - Completed many regulatory projects (similar to HF183, PFAS, OAH, etc.)
 - Ongoing work on the Salt and Nutrient Management Plan (SNMP)
 - NPDES and regional recycled water permitting efforts ongoing
 - Regional source control program continuing to management and support agency staff
 - MS4 laboratory monitoring continuing
- ▶ Stormwater already being captured and recycled at CTP
 - 36 connections for urban runoff
 - About 250,000 gallons per day during the summer
- ▶ Effluent from CTP and RTP treatments plant is nearly recyclable
 - 95% of the time the secondary effluent turbidity meets Title 22 requirements for recycled water before the AWTs
 - OCSD-OCWD has successfully negotiated the removal of the Title 22 secondary effluent limits for IPR/DPR projects (Turbidity limits are placed on the microfiltration process that follows the secondary treatment process.)

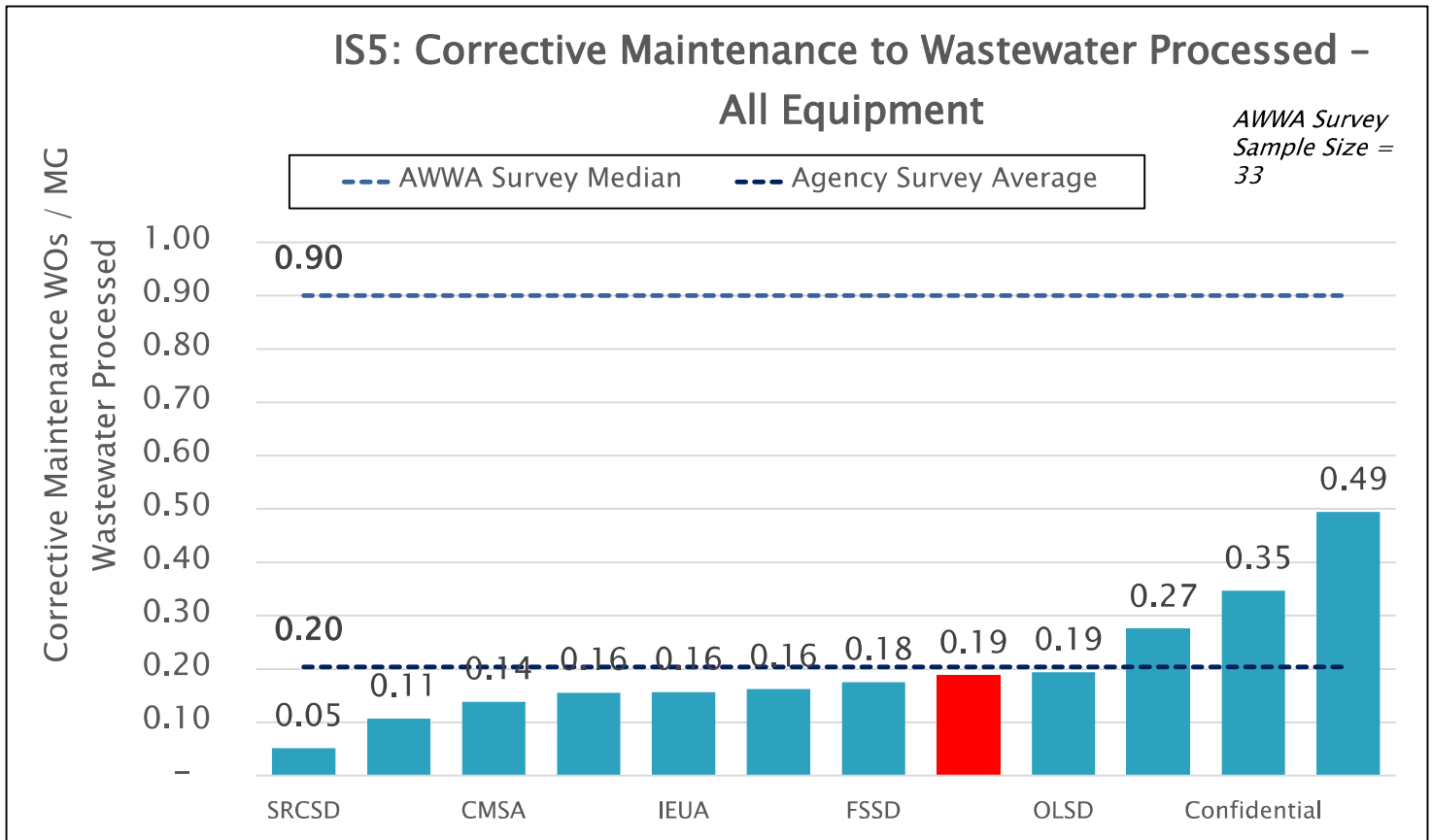
OUR Plan is to build on SOCWA's success (cont'd)

- ▶ Support for member agencies
 - Maintain operational economy of scale for the collective
 - Collective bargaining for chemicals and Biosolids
 - RWQCB trusts SOCWA staff to work through area issues as the responsible authority with agencies
 - Support to members – CASA membership, spill response, WEROC, etc.
 - SOCWA staff is excited and motivated to implement OUR Plan
- ▶ JBL Treatment Plant of the Year 2018 – CWEA and SARBS
- ▶ 2020–2021 KPI Study Results (Carollo Engineers)...

PQ1: NPDES Wastewater Permit Violations

AWWA
Survey
Sample Size
= 65

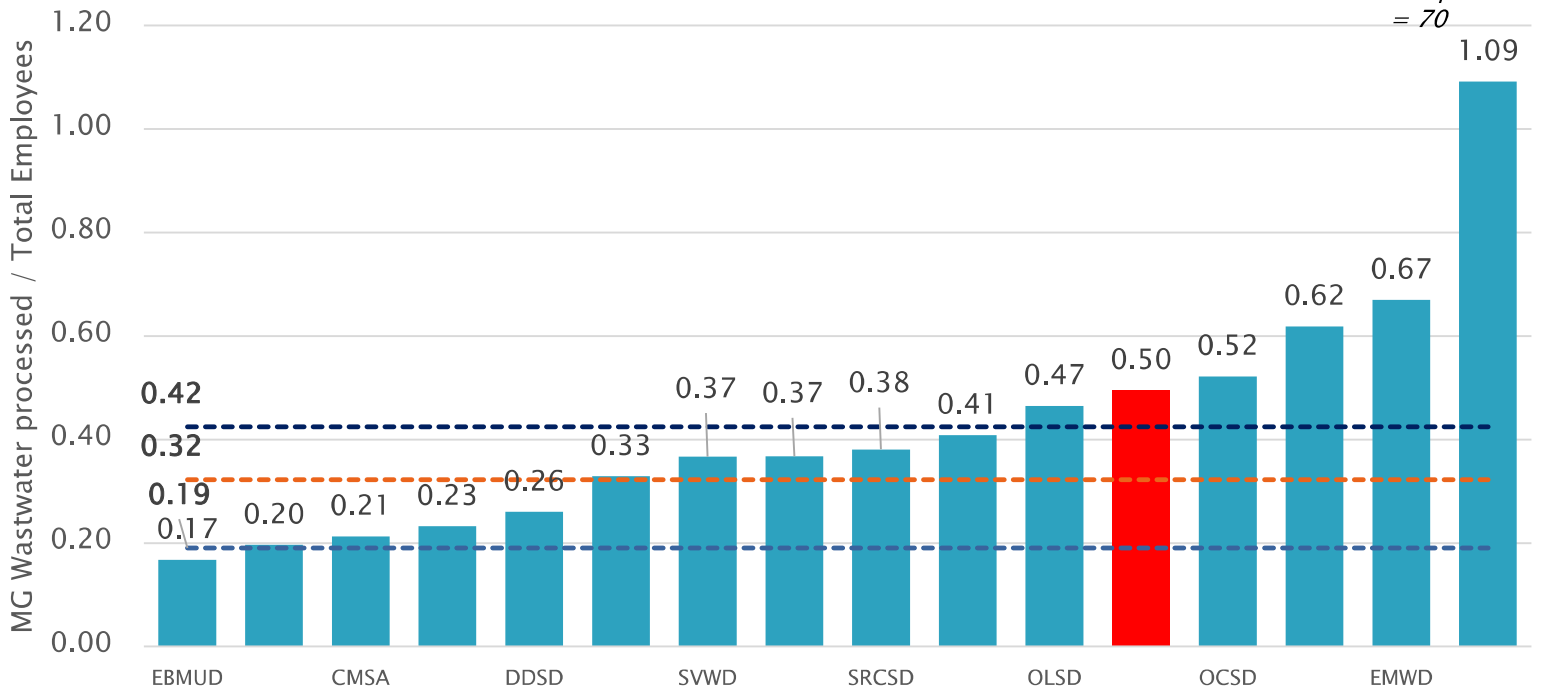


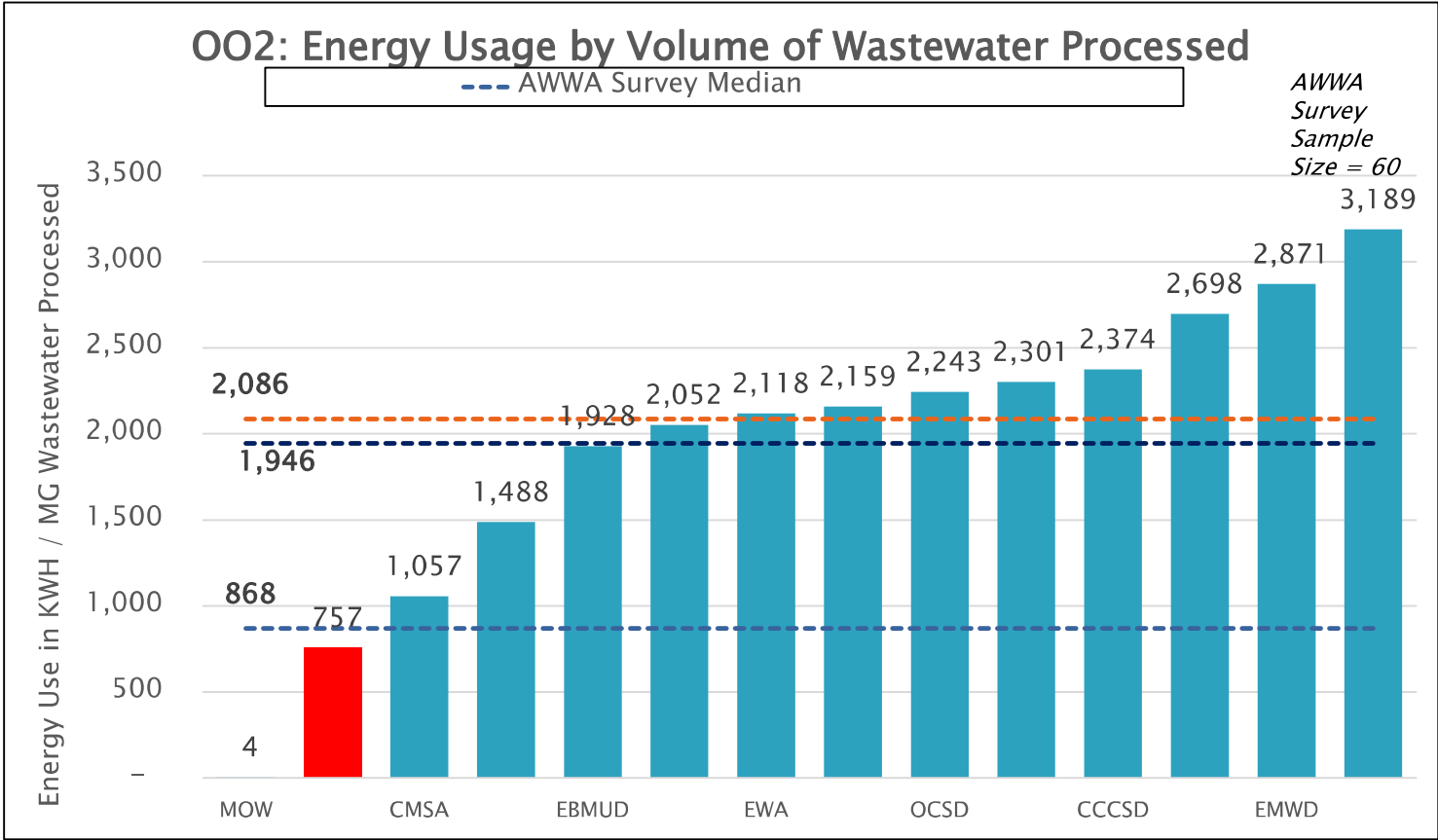


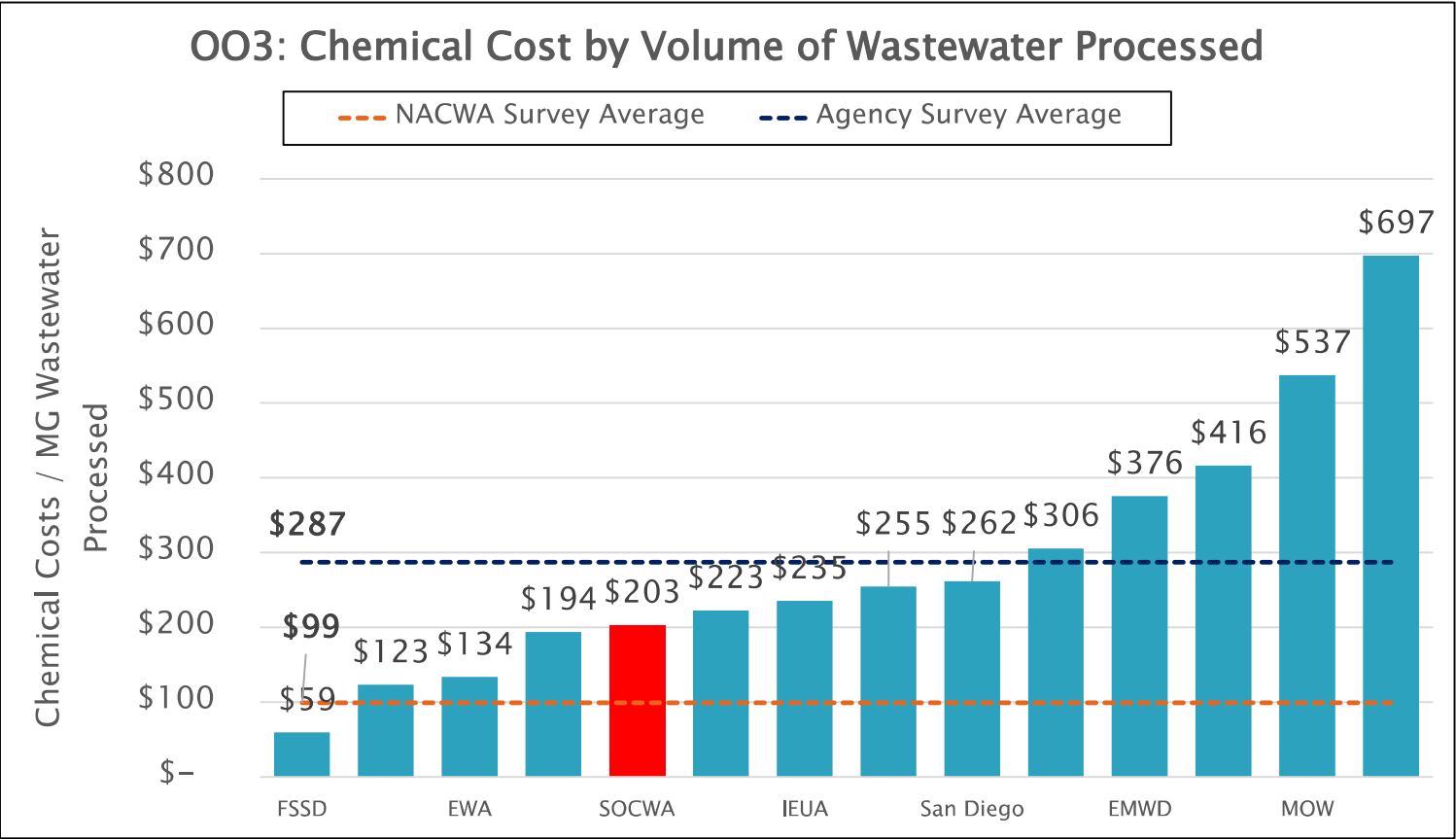
OO1: Wastewater Processed per Employee

-- AWWA Survey Median

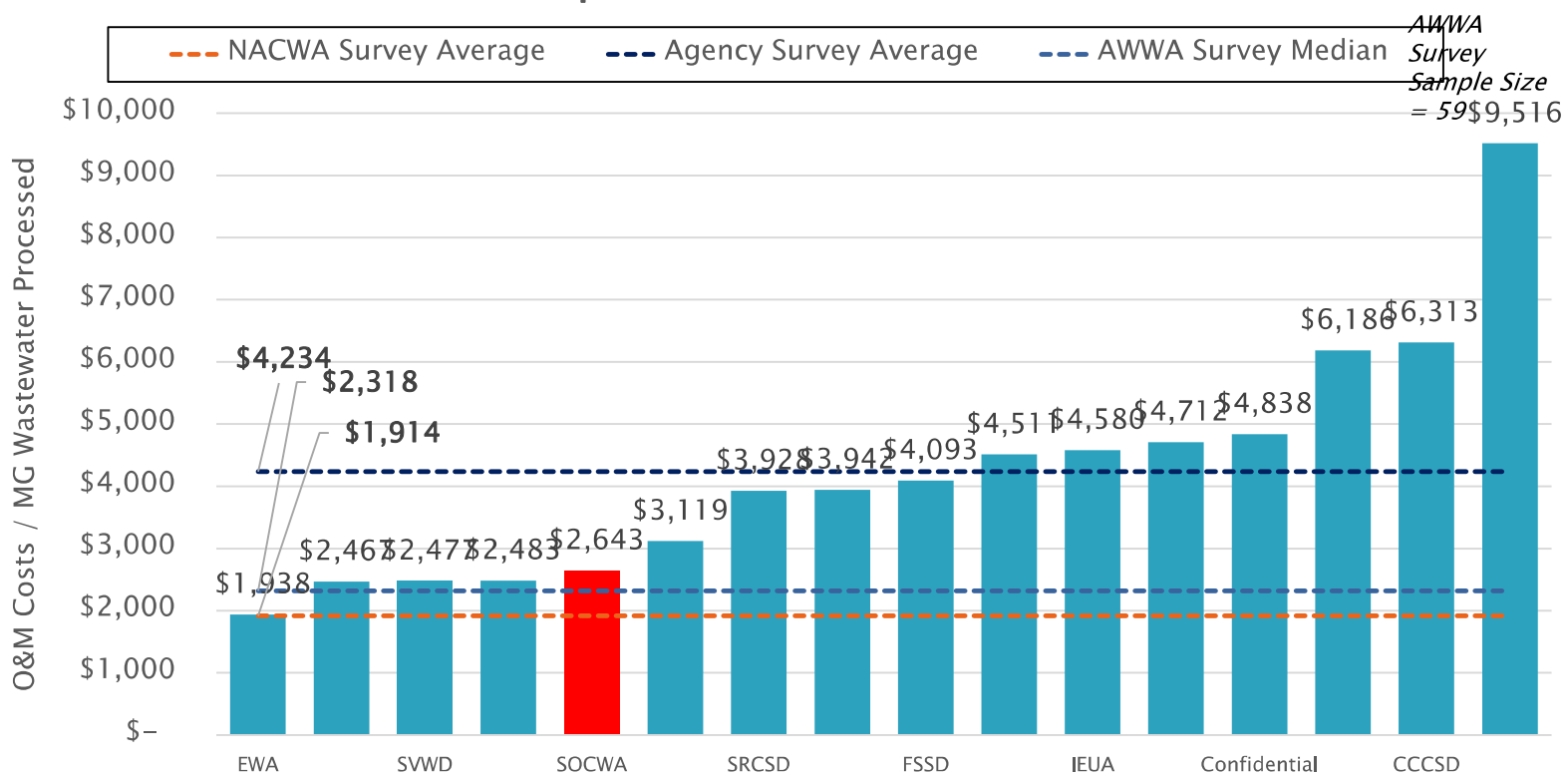
AWWA
Survey
Sample Size
= 70

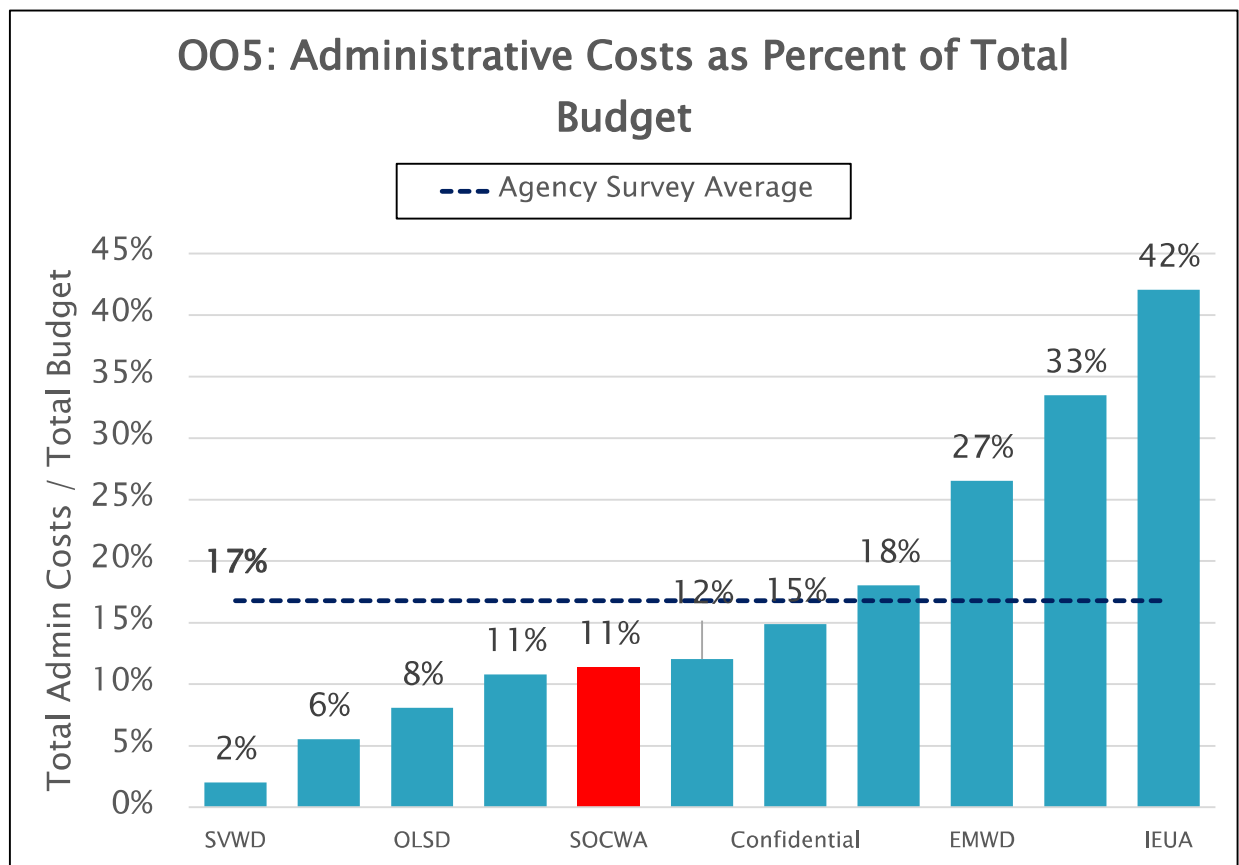


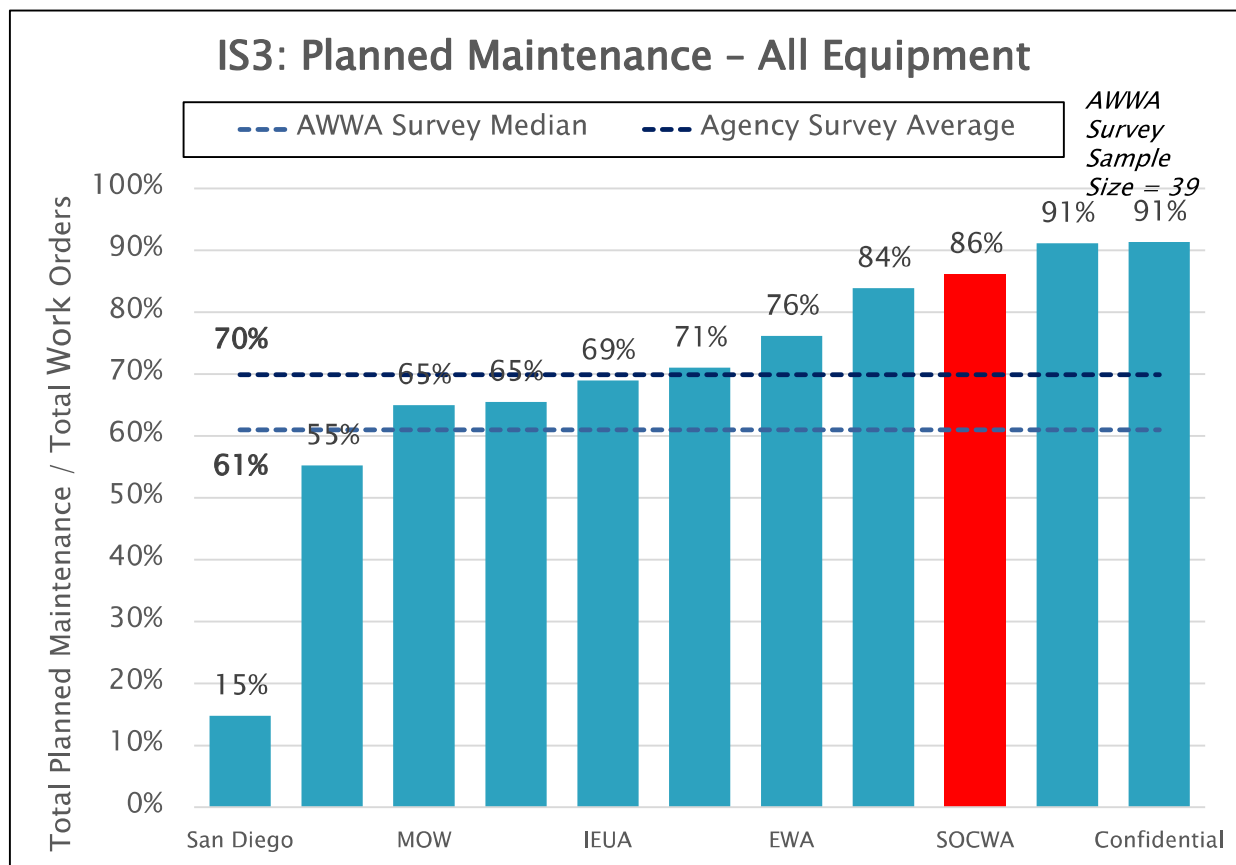


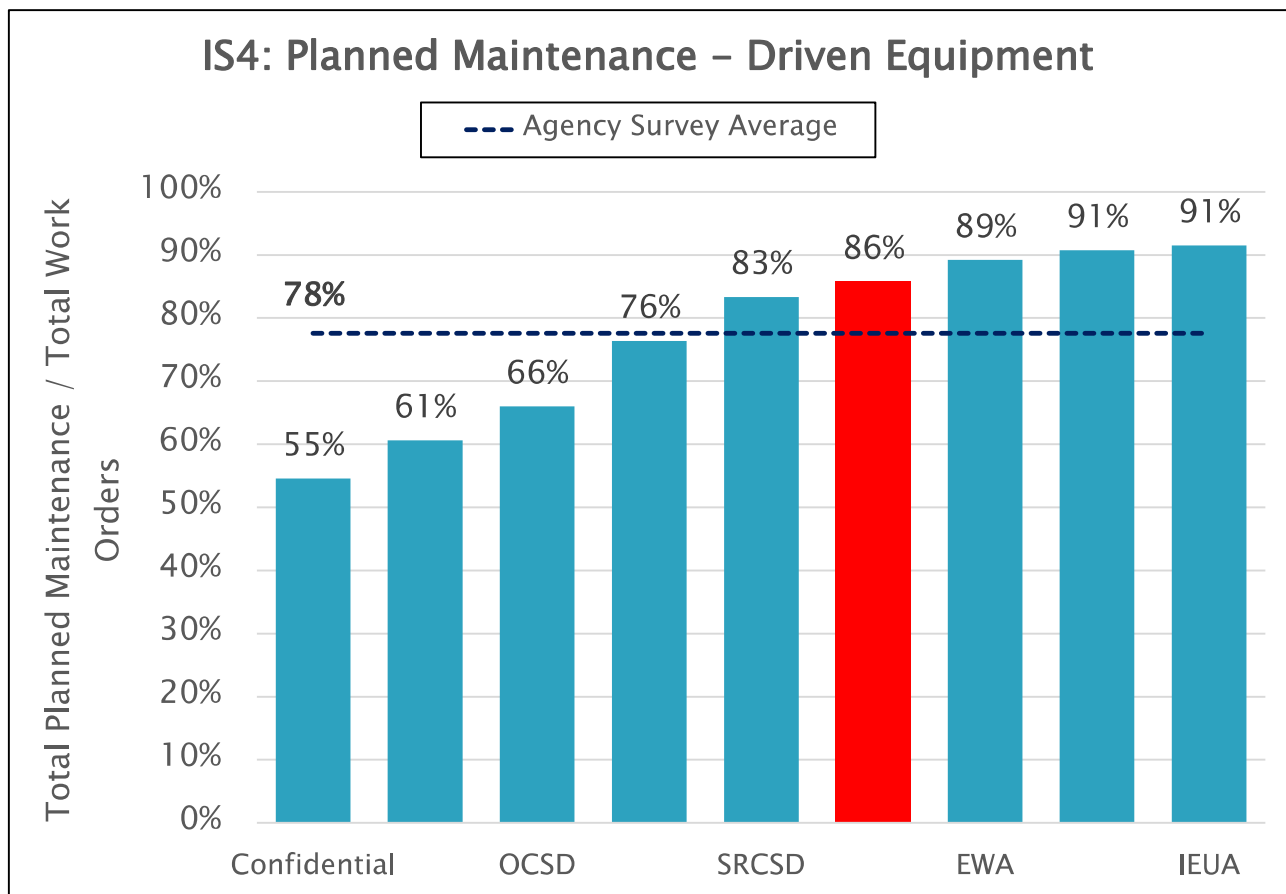


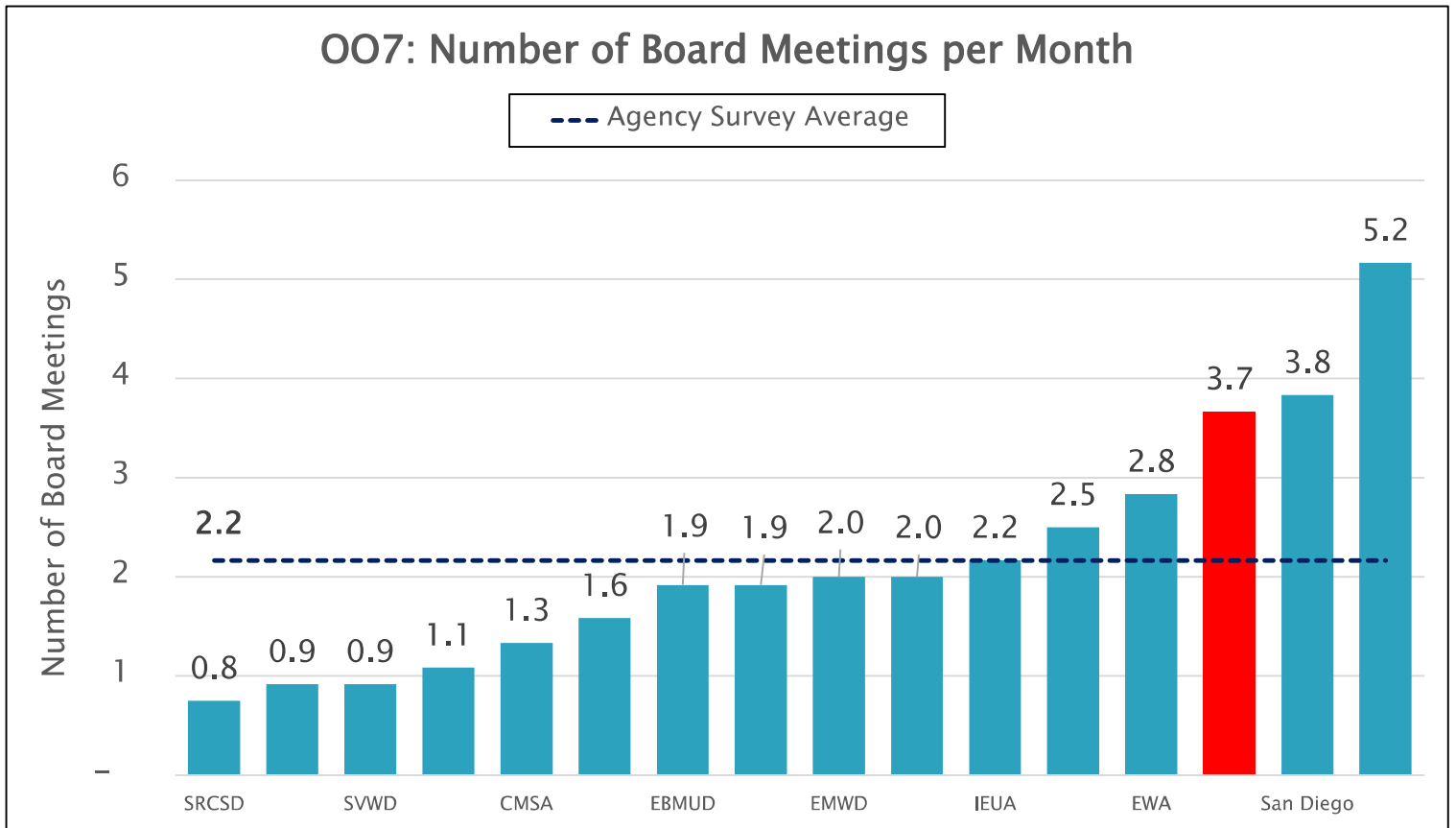
OO4: O&M Cost per Volume of Wastewater Processed

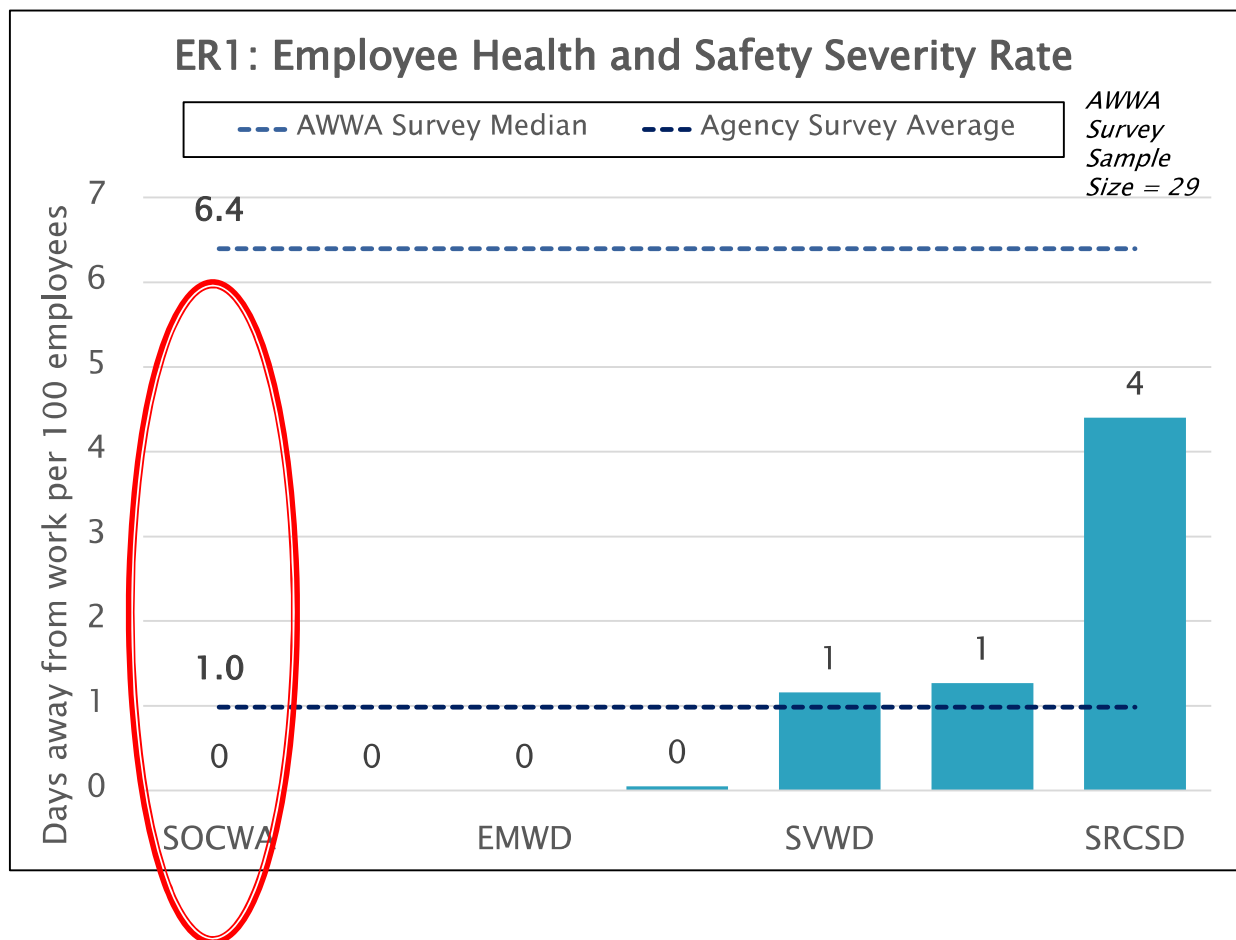










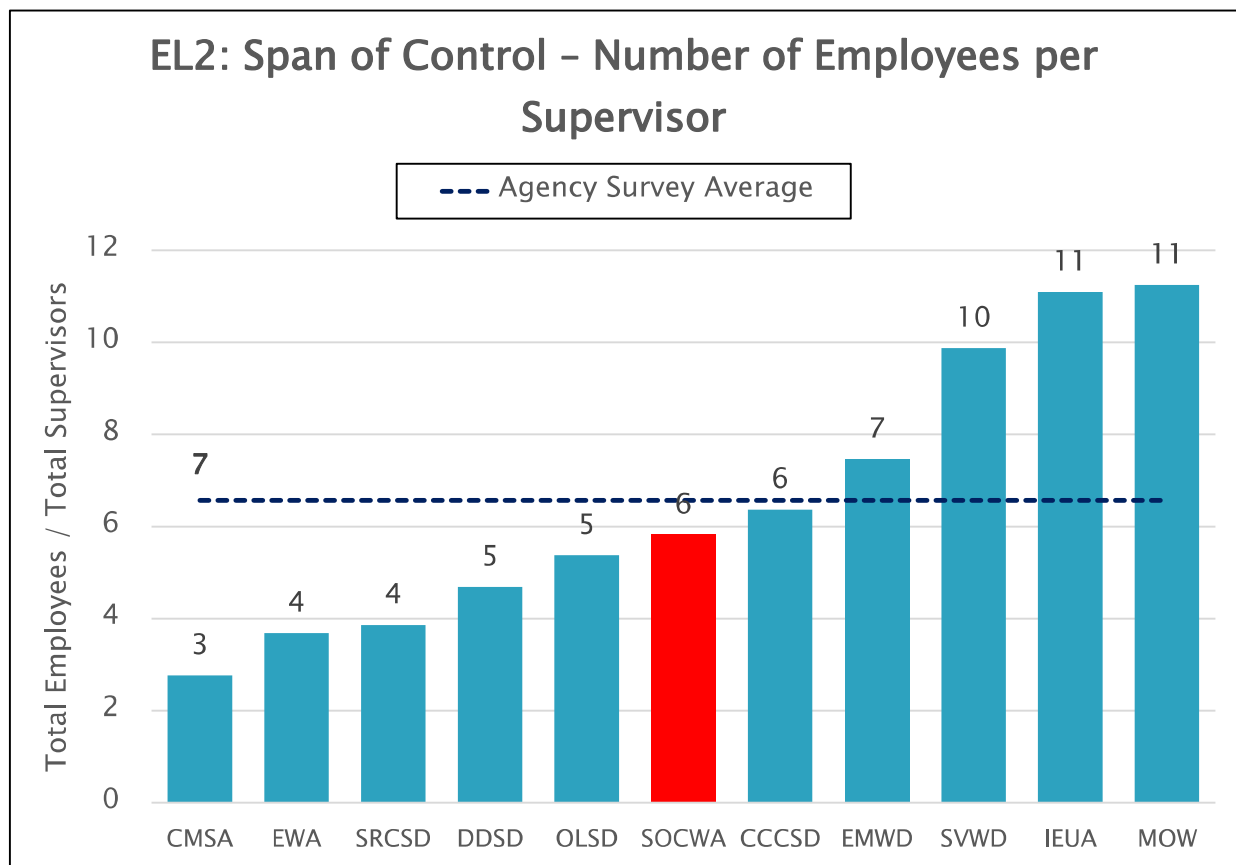


ER2: Recordable Incidents of Injury or Illness

--- AWWA Survey Median --- Agency Survey Average

AWWA Survey
Sample Size = 9





OUR Plan is to build on SOCWA's success (cont'd)

Secondary Plant Effluent's Turbidity 12- month average

Facility	Turbidity
JBL (combined)	3.69
RTP	2.97
CTP	2.89

Effluent Turbidity Regulations

NPDES Limits		
Instantaneous Max	Monthly avg	Weekly Avg
225	75	100

Title 22		
Influent to AWT		Effluent
Instantaneous Max	Polymer addition required over	24-hour Average Effluent
10	5	2

Break

OUR Plan Summary and Recommendations

- ✓ SOCWA Board to renew its vision and leadership role
- ✓ SOCWA Board to update the JPA Agreement
- ✓ SOCWA to modernize the Budget
- ✓ SOCWA to pursue Administration outsourcing efficiencies
- ✓ SOCWA to add staffing to Compliance and Engineering
- ✓ SOCWA to maintain ownership of all the existing facilities
- ✓ SOCWA to operate CTP and JBL and the outfalls
- ✓ SOCWA's PC15 and PC17 to jointly initiate a solids feasibility study to investigate options to optimize solids processing for PC15 and PC17
 - ✓ Initiate negotiations with MNWD to operate RTP in conjunction with the feasibility study effort

OUR Plan meets the “List of Needs”

- ✓ Voting fairness – Proposed JPA updates: clarify and simplify voting requirements and maintains protections for all member agencies
- ✓ Liability–allocation – Board collectively to hold the SOCWA General Manager accountable for operator errors
- ✓ Regulatory compliance – Continues to maintain SOCWA (the General Manager and Director of Environmental Compliance) as an independent regulatory entity in South Orange County (as requested by the RWQCB) and expand needed services
- ✓ Cost allocation – Continues to allow the SOCWA Board to directly review, update, and manage costs for the collective group



OUR Plan meets the “List of Needs”

- ✓ IPR–DPR Plants – The current regulations and the JPA agreement maintains members ability to pursue IPR–DPR projects with SOCWA and/or a contract with member agencies operating the treatment facilities without modification to the plants
- ✓ IPR–DPR Enhanced Source Control Program(s) Requirements – SOCWA would continue to maintain an independent source control program and can support the implementation and oversight of any new requirements for an Enhanced Source Control Program within, and outside, any of the local jurisdiction boundary’s implementing IPR–DPR

OUR Plan meets the “List of Needs”

- ✓ Rights to effluent and plant capacity – Updates to the JPA agreement can allow agencies to continue their rights in perpetuity
- ✓ Capital financing – Maintains the ability for the SOCWA Board to direct staff to implement specific financing and grant application efforts using third parties without hiring and maintaining dedicated SOCWA employees
- ✓ Capital financing – Maintains the ability of the member agencies to issue debt against their capacity rights in SOCWA-owned facilities
- ✓ Regulatory advocacy – Maintains the ability for the SOCWA Board to direct staff to implement specific efforts and for SOCWA to partner with the member agencies’ staff and lobbyist, or for SOCWA to retain additional staff and consultants to directly perform additional regulatory advocacy to support and promote the collective region’s needs

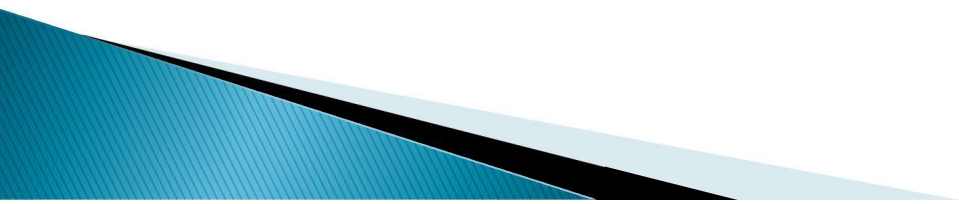
OUR Plan meets the “List of Needs”

- ✓ New and emerging issues – Maintains the ability and flexibility for the SOCWA Board to actively manage new regional emerging issues
- ✓ Regional collaboration – Maintains the SOCWA Board’s unique position to support regional collaboration, strategic planning implementation, and leadership through the annual budget process
- ✓ Performance standards – Allows the SOCWA Board of Directors to continue to monitor SOCWA’s excellent performance and include operational performance measures in the General Manager’s performance evaluation for direct accountability

OUR Plan meets the “List of Needs”

- ✓ Cost-effectiveness – Continues to maintain SOCWA’s regional collective cost efficiencies and economies of scale for regional services
- ✓ Bulk purchasing – Allows for the continuation of SOCWA’s efforts to procure chemicals and Biosolids contracts for the member agencies, as has been done for 20+ years
- ✓ Lab services – Allows for the continuation of SOCWA’s services to the member agencies, as has been done for 20+ years

Next Steps



**MINUTES OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
Board of Directors**

August 3, 2023

DRAFT

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors Meeting was held in-person and via teleconference on August 3, 2023, at 8:30 a.m. at their Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Board of Directors were present:

MIKE DUNBAR	Emerald Bay Service District	Director
KATHRYN FRESHLEY	El Toro Water District	Director
MARK McAVOY	City of Laguna Beach	Alternate Director
FRANK URY	Santa Margarita Water District	Director
MATT COLLINGS	Moulton Niguel Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director
DAVE REBENS DORF	City of San Clemente	Director

Staff Present:

JIM BURROR	Acting General Manager/Director of Operations
AMBER BAYLOR	Director of Environmental Compliance
DAVID BARANOWSKI	Director of Engineering
MARY CAREY	Finance Controller
RONI GRANT	Associate Engineer
DINA ASH	HR Administrator
KONSTANTIN SHILKOV	Senior Accountant
ANNA SUTHERLAND	Accounts Payable
JEANETTE COTINOLA	Procurement/Contracts Manager
MATT CLARK	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law	JENNIFER LOPEZ	South Coast Water District
RICK SHINTAKU	Varner & Brandt, LLP	DAN FERONS	Santa Margarita Water District
DENNIS CAFFERTY	El Toro Water District	MIKE GASKINS	El Toro Water District
DAVID LARSEN	Moulton Niguel Water District	OSMAN MUFTI	Sloan Sakai Yeung & Wong, LLP
ROGER BUTOW	Clean Water Now	DON FROELICH	Moulton Niguel Water District
ROD WOODS	Moulton Niguel Water District	ERICA CASTILLO	Santa Margarita Water District
SAUNDRA JACOBS	Santa Margarita Water District	JODY BRENNAN	South Coast Water District
LISA OHLUND	Ohlund Mgmt. & Tech. Svc	JOONE LOPEZ	Moulton Niguel Water District
DICK FIORE	Moulton Niguel Water District	KARI VOZENILEK	Kidman Gagen Law, LLP
DIANE RIFKIN	Moulton Niguel Water District	JEREMY JUNGREIS	Rutan & Tucker, LLP
DUSTIN BURNSIDE	City of San Clemente	BILL GREEN	South Coast Water District

1. CALL TO ORDER

Chairman Collings called the meeting to order at 8:32 a.m.

2. PLEDGE OF ALLEGIANCE – Director Kathryn Freshley

3. ORAL COMMUNICATIONS

Public Speaker: Roger Butow – Clean Water Now (CWN)

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

No action was taken.

5. CONSENT CALENDAR

ACTION TAKEN

A motion was made by Director Freshley and seconded by Director McAvoy to approve the Consent Calendar as submitted.

Motion carried:	Aye 7, Nay 0, Abstained 0, Absent 0
	Director Dunbar Aye
	Director Freshley Aye
	Director Collings Aye
	Director McAvoy Aye
	Director Ury Aye
	Director Goldman Aye
	Director Rebensdorf Aye

(5A – 5D)

- A. Minutes of Board of Directors Meeting for July 6, 2023
- B. Operations Report (June)
Approved Action: The Board of Directors approved receiving and filing the report as submitted.
- C. Capital Improvement Program Status Report (July)
Approved Action: The Board of Directors approved receiving and filing the report as submitted.
- D. One (1) Year Contract Award to Miles Chemical or Ferric Chloride [Project Committees 2, 15, & 17]
Approved Action: The 2, 15, & 17 Board of Directors authorized the Acting General Manager/Director of Operations to enter into a one (1) year contract with up to four (4) optional annual renewals with Miles Chemical, Inc. for Ferric Chloride at the price as noted in the staff report.

6. GENERAL MANAGER'S REPORT

- A. CASA Climate Change Program Manager Funding Request [Project Committees 2, 15, and 17]

ACTION TAKEN

A motion was made by Director Ury and seconded by Director Dunbar authorizing Project Committee 2 to contribute \$5,000, authorizing Project Committee 15 to contribute \$5,000, and authorizing Project Committee 17 to contribute \$5,00 to the CASA Climate Change Program Manager Fund.

Motion carried:	Aye 6, Nay 0, Abstained 0, Absent 0
	Director Dunbar Aye
	Director Freshley Aye
	Director Collings Aye
	Director McAvoy Aye
	Director Ury Aye
	Director Goldman Aye

Director Collings stated that with the Facilitated Discussion meeting that had occurred last week, it was good to have items 6B, 6C, and 6D on the agenda to allow for Board discussion, if necessary. An open discussion ensued.

Director Ury stated there had been a lot of positive discussions between the South Coast and Santa Margarita Water Districts regarding plan variations that may have potentially good outcomes over the next thirty (30) days. Director Ury recommended agenda items 6B, 6C, 6D, and 6E be tabled until the next Regular meeting in September.

Director Dunbar stated his frustration and disappointment that the items were on the agenda. He stated there was a consensus of the full Board at the Facilitated Discussion meeting to hold off addressing the items until the September meeting and demanded answers for the dispute.

Director Ury responded that he had discussed with Director Collings that he took away from the last meeting that the time for action is now to get going and therefore requested the items to be on the next couple of agendas. He stated that he thought it was good to have the opportunity to discuss and apologized if it was out of line.

Director Collings stated there was no conversation between the Chair, Santa Margarita, and South Coast discussing whether the items should be on the agenda. He noted having the flexibility to discuss the items as opposed to not having flexibility is why it was added. Director Collings also stated that it is up to the Board to decide how to move items forward, but it was merely to allow for flexibility and discussion.

Director Dunbar stated he'd disagreed entirely with the line of reasoning. He noted he'd left the last meeting with the understanding of the consensus that this would be discussed in September and was given no notice that these items would appear on the agenda for discussion and that the Chair, on his own, decided to put them on the agenda. Director Dunbar stated in light of the action, he requested the Board to consider changing the Board Chair to be agendized at the next meeting based on the action that Director Collings took.

Public Speaker: Roger Butow – Clean Water Now (CWN), provided comments.

- B. Consideration of Proposals to Modify SOCWA
- C. Amendment No. 4 – Agreement for Acquisition, Use, Operation Maintenance, and Expansion of Sewage Treatment Plant of City of San Juan Capistrano by South East Regional Reclamation Authority for and on behalf of Project Committee 2
- D. Approval of the Q2 through Q4 Project Committee 2 (PC2) Operations and Maintenance Budget and Capital Expenditures Budget [Project Committee 2]
- E. Approval of the FY 2023-24 General Fund Budget Q2 through Q4 Uneven Allocations

ACTION TAKEN

A motion was made by Director Ury and seconded by Director Goldman to Table agenda items 6B, 6C, 6D, and 6E until the Board meeting in September.

Motion carried:	Aye 7, Nay 0, Abstained 0, Absent 0
Director Dunbar	Aye
Director Freshley	Aye
Director Collings	Aye
Director McAvoy	Aye
Director Ury	Aye
Director Goldman	Aye
Director Rebensdorf	Aye

F. General Counsel's Updates

Ms. Adriana Ochoa, General Counsel, stated she had no updates to report.

This was an information item; no action was taken.

G. General Manager's Status Report

Mr. Jim Burror, Acting General Manager/Director of Operations, stated he had nothing specific to report but thanked Director Dunbar for his time and efforts in working with him on preparing the "Our Plan" presentation that was shown at the Facilitated Discussion meeting. Mr. Burror also reported having a meet and greet with Director Whalen of the City of Laguna Beach to get acquainted and address any issues or concerns he might have.

This was an information item; no action was taken.

H. Upcoming Meetings Schedule:

- July 6, 2023 – Board of Directors Regular Meeting
- July 13, 2023 – Engineering Committee Meeting – *Canceled*
- July 18, 2023 – Finance Committee Meeting – *Canceled*
- July 27, 2023 – Board of Directors Special Facilitated Discussion Meeting
- August 3, 2023 – Board of Directors Regular Meeting

This was an information item; no action was taken.

The Board convened to Closed Session at 8:52 a.m.

The Board reconvened to Open Session at 9:02 a.m.

7. CLOSED SESSION

A. A Closed Session conference was held with legal counsel on the Potential Litigation in one matter Pursuant to Government Code Section § 54956.9(d).

B. Report out of Closed Session.

Ms. Adriana Ochoa, legal counsel (Procopio), reported out of Closed Session the following action:

ACTION TAKEN

A motion was made by Director Ury and seconded by Director Dunbar to reject the government claim represented by Cari McCormick and delivered to SOCWA on June 28, 2023.

Motion carried:	Aye 7, Nay 0, Abstained 0, Absent 0
	Director Dunbar Aye
	Director Freshley Aye
	Director Collings Aye
	Director McAvoy Aye
	Director Ury Aye
	Director Goldman Aye
	Director Rebensdorf Aye

8. OTHER MATTERS

None.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 9:03 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Board of Directors on August 3, 2023, and approved by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**MINUTES OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

Engineering Committee

April 13, 2023

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on April 13, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

DAVID SHISSLER	City of Laguna Beach
MIKE DUNBAR	Emerald Bay Service District
DENNIS CAFFERTY	El Toro Water District
ROD WOODS	Moulton Niguel Water District
DON BUNTS	Santa Margarita Water District
MARC SERNA	South Coast Water District
DAVE REBENDSOLF	City of San Clemente [arrived @ 8:44 a.m.]
LORRIE LAUSTEN	Trabuco Canyon Water District

Absent:

KEVIN BURTON	Irvine Ranch Water District
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Staff Present:

DAVID BARANOWSKI	Director of Engineering
JIM BURROR	Acting General Manager/Director of Operations
AMBER BAYLOR	Director of Environmental Compliance
MARY CAREY	Finance Controller
RONI YOUNG	Associate Engineer
JEANETTE COTINOLA	Procurement / Contracts Manager
ANNA SUTHERLAND	Accounts Payable
DINA ASH	HR Administrator
MATT CLARKE	IT Administrator

Also Present:

ADRIANA OCHOA	Procopio Law
MARK McAVOY	City of Laguna Beach
SHERRY WANNINGER	Moulton Niguel Water District
TARYN KJOLSING	South Coast Water District
DAVE LARSEN	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District
ERICA CASTILLO	Santa Margarita Water District
ROGER BUTOW	Clean Water Now (CWN)
BILL MOORHEAD	Moulton Niguel Water District
JESUS GARIBAY	Moulton Niguel Water District

1. Call Meeting to Order

Mr. David Baranowski, Director of Engineering, called the meeting to order at 8:32 a.m.

1a. Approval of Committee Member Request for Remote Participation

ACTION Board Discussion/Direction and Action.

ACTION TAKEN

Motion was made by Mr. Dunbar and seconded by Mr. Serna to approve Mr. David Shissler to participate by virtual means.

Motion carried:	Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler	Abstain
Director Rebensdorf	Absent
Director Dunbar	Aye
Director Cafferty	Aye
Director Burton	Absent
Director Woods	Aye
Director Serna	Aye
Director Bunts	Aye
Director Lausten	Aye

2. Public Comments

None.

3. Approval of Minutes

a. Engineering Committee Minutes of November 10, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as submitted.

Motion carried:	Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler	Aye
Director Rebensdorf	Absent
Director Dunbar	Aye
Director Cafferty	Abstain
Director Burton	Absent
Director Woods	Aye
Director Serna	Aye
Director Bunts	Aye
Director Lausten	Aye

b. Engineering Committee Minutes of January 12, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as submitted.

Motion carried:	Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler	Aye
Director Rebensdorf	Absent
Director Dunbar	Aye
Director Cafferty	Aye
Director Burton	Absent
Director Woods	Aye
Director Serna	Aye
Director Bunts	Aye
Director Lausten	Abstain

c. Engineering Committee Minutes of February 9, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as corrected.

Motion carried:	Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler	Aye
Director Rebensdorf	Absent
Director Dunbar	Aye
Director Cafferty	Aye
Director Burton	Absent
Director Woods	Aye
Director Serna	Aye
Director Bunts	Aye
Director Lausten	Abstain

d. Engineering Committee Minutes of March 9, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as submitted.

Motion carried:	Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler	Aye
Director Rebensdorf	Absent
Director Dunbar	Aye
Director Cafferty	Aye
Director Burton	Absent
Director Woods	Aye
Director Serna	Aye
Director Bunts	Aye
Director Lausten	Abstain

4. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, gave an update on the power issues at the Coastal Treatment Plant.

Ms. Amber Baylor, Director of Environmental Compliance, gave an update on her attendance at the San Diego Regional Water Quality Control Board meeting that was hosted by the City of Laguna Beach. She reported on the Board's direction of her work on the Southern California Coastal Water Research Project. An open discussion ensued.

This was an information item; no action was taken.

5. Dana Point Harbor Project Update [Project Committee 2]

Ms. Amber Baylor provided a brief update to the committee on PC 2's direction on following through on SOCWA as the lead for evaluating the study for the facility. She stated she had communicated with Carollo Engineering on developing their model with additional detail from a bench-scale bioreactor. Carollo has been consulting with Professor Matt Higgins, the expert in the dynamics of separating liquids from solids and what that means from a cost perspective for these facilities. She also noted that Carollo would create a model using Dr. Higgin's results to make the model more accurate on a \$1 per gallon or \$1 per pound basis. The Harbor Project personnel has been notified that the scope of work is forthcoming from Carollo and will be distributed to the Engineering Committee once received. An open discussion ensued.

Mr. Roger Butow – Clean Water Now provided comments.

This was an information item; no action was taken.

6. Ranch Filtration Plant NPDES Permitting Update [Project Committee 5]

Ms. Baylor reported that staff was requested to assist with permitting discharge to the San Juan Creek Ocean Outfall within a twelve (12) to eighteen (18) month timeframe. An open discussion ensued.

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Serna directing staff to initiate and sign a letter of intent amending the San Juan Creek Ocean Outfall NPDES Permit to include the Ranch Water Filtration Plant as a permitted discharge with shared capacity from the Chiquita Water Reclamation Facility, and report as an information item to the Board at its next regular meeting.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 0
	Director Rebensdorf Aye
	Director Woods Aye
	Director Bunts Aye
	Director Serna Aye

7. Capital Improvement Construction Projects Progress and Change Order Report (April) [Project Committees 2, 15, & 17]

Mr. Baranowski stated there were no change orders to report, and Ms. Roni Young updated the Committee on the Package B Project. An open discussion ensued.

This was an information item; no action was taken.

8. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Proposal [Project Committee 15]

Mr. Baranowski updated the Committee on the revised funding strategy proposal presented by Hazen and Sawyer for the Coastal Treatment Plant. An open discussion ensued.

Mr. Roger Butow – Clean Water Now provided comments.

ACTION TAKEN

Motion was made by Mr. Dunbar and seconded by Mr. Shissler, recommending that the PC 15 Board of Directors engage Hazen and Sawyer to pursue funding strategies for improvements to the Coastal Treatment Plant.

Motion carried:	Aye 3, Nay 0, Abstained 1, Absent 0
	Director Shissler Aye
	Director Dunbar Aye
	Director Woods Abstain
	Director Serna Aye

9. Revised Draft Capital Improvement Program Budget for Fiscal Year 2023/2024

Mr. Baranowski gave an updated presentation on the CIP Budget for Fiscal Year 2023/24 based on feedback from the last meeting. An open discussion ensued.

This was an information item; no action was taken.

Adjournment

There being no further business, Mr. Baranowski adjourned the meeting at 9.42 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee of April 13, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**MINUTES OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

Engineering Committee

May 11, 2023

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on May 11, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

DAVID SHISSLER	City of Laguna Beach
MIKE DUNBAR	Emerald Bay Service District
HANNAH FORD	El Toro Water District
DAVE LARSEN	Moulton Niguel Water District
TARYN KJOLSING	South Coast Water District

Absent:

KEVIN BURTON	Irvine Ranch Water District
DAVE REBENDSOLF	City of San Clemente
DON BUNTS	Santa Margarita Water District

Staff Present:

DAVID BARANOWSKI	Director of Engineering
JIM BURROR	Acting General Manager/Director of Operations
RONI YOUNG	Associate Engineer
JEANETTE COTINOLA	Procurement / Contracts Manager
DINA ASH	HR Administrator
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

MATT COLLINGS	Moulton Niguel Water District
ROGER BUTOW	Clean Water Now (CWN)
JESUS GARIBAY	Moulton Niguel Water District
GREG PENNINGTON	South Coast Water District

1. Call Meeting to Order

Mr. David Baranowski, Director of Engineering, called the meeting to order at 8:32 a.m.

2. Public Comments

None.

3. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, reported on behalf of Amber Baylor that she is diligently working on the Salt and Nutrient Management Plan (SNMP) and will be attending regulatory meetings. He stated that Ms. Baylor received the Carollo updated

scope of work assessing the water quality impacts on the J.B. Latham Plant and that the report would be distributed to the Engineering Committee. An open discussion ensued.

Mr. Burror reported that Operations is still experiencing some impacts of the supply chain issues. He also reported that the EPA Science Advisory Board is meeting to review the biosolids regulations and how to manage constituents' concerns and provide oversight. An open discussion ensued.

Mr. Roger Butow – Clean Water Now provided comments.

Mr. Baranowski reported on meetings he's attended with the Orange County Sanitation District and other agencies related to a regional food waste diversion program. An open discussion ensued.

This was an information item; no action was taken.

4. Upcoming Changes to Engineering Committee Members

Mr. Baranowski reported that starting July 1, the Committee members will be reduced from 10 to 7 members. Effective May 4, Trabuco Canyon Water District officially withdrew from SOCWA, and effective June 30, Irvine Ranch Water District will no longer be a member of SOCWA. An open discussion ensued.

This was an information item; no action was taken.

5. Aliso Creek Ocean Outfall Seal Replacement Project Update [Project Committee 24]

Mr. Baranowski reported that staff held a pre-bid meeting with potential contractors for replacing seals inside the outfall. The process involves sending a diver into the outfall to remove the corroded seals and replace them with new ones. An open discussion ensued.

This was an information item; no action was taken.

6. Capital Improvement Construction Projects Progress and Change Order Report (May) [Project Committees 2, 15, & 17]

Mr. Baranowski stated there were no change orders to report, and Ms. Roni Young updated the Committee on the Package B Project. An open discussion ensued.

This was an information item; no action was taken.

7. Regional Treatment Plant (RTP) Aeration Diffuser Replacement Project Closeout Proposal [Project Committee 17]

Mr. Baranowski gave a PowerPoint presentation on the diffuser replacement project that occurred in 2022 and the performance of the new aeration system. An open discussion ensued.

This was an information item; no action was taken.

8. Regional Treatment Plant (RTP) Consequence of Failure Analysis Project Update
[Project Committee 17]

Mr. Baranowski reported that Dudek had completed the Consequence of Failure Analysis for RTP and gave a PowerPoint presentation on the draft results. An open discussion ensued.

This was an information item; no action was taken.

Adjournment

There being no further business, Mr. Baranowski adjourned the meeting at 9.22 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee of May 11, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**MINUTES OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

Engineering Committee

June 8, 2023

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on June 8, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

HANNAH FORD
KEVIN BURTON
ROD WOODS
DON BUNTS
TARYN KJOLSING

El Toro Water District
Irvine Ranch Water District
Moulton Niguel Water District
Santa Margarita Water District
South Coast Water District

Absent:

MARK McAVOY
MIKE DUNBAR
DAVE REBENS DORF

City of Laguna Beach
Emerald Bay Service District
City of San Clemente

Staff Present:

DAVID BARANOWSKI
JIM BURROR
RONI YOUNG
MARY CAREY
JEANETTE COTINOLA
MATT CLARKE

Director of Engineering
Acting General Manager/Director of Operations
Associate Engineer
Finance Controller
Procurement / Contracts Manager
IT Administrator

Also Present:

ROGER BUTOW
JESUS GARIBAY
SAUNDRA JACOBS
CHRIS NEWTON

Clean Water Now (CWN)
Moulton Niguel Water District
Santa Margarita Water District
South Coast Water District

1. Call Meeting to Order

Ms. Roni Young, Associate Engineer, called the meeting to order at 8:31 a.m.

2. Public Comments

Ms. Roni Young announced she is pulling agenda item 4 due to Butier Engineering being unable to attend the meeting and that the item will be brought back at a future Engineering Committee Meeting.

Mr. Roger Butow – Clean Water Now provided comments on agenda item 6.

3. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, stated most of the budget was approved and that staff is preparing for the next fiscal year and starting to close out the current fiscal year.

This was an information item; no action was taken.

4. Capital Improvement Construction Projects Progress and Change Order Report (May) [Project Committees 2, 15, & 17]

This agenda item was pulled and will be brought back at a future Engineering Committee Meeting. No action was taken.

5. Contract Award for Aliso Creek Ocean Outfall (ACOO) Seal Replacement Project [Project Committee 24]

ACTION TAKEN

Motion was made by Mr. Woods and seconded by Ms. Kjolsing to recommend that the PC 24 Board of Directors award the contract to J.F. Brennan in the amount of \$261,753 for the ACOO Seal Replacement Project with a contingency of \$50,000.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 2
	Director McAvoy Absent
	Director Ford Aye
	Director Dunbar Absent
	Director Woods Aye
	Director Kjolsing Aye
	Director Burton Aye

6. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Revised Proposal [Project Committee 15]

This agenda item was pulled and will be brought back at a future Engineering Committee Meeting when all PC 15 members are present.

Adjournment

There being no further business, Ms. Young adjourned the meeting at 8:51 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee of June 8, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

5.C.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors
FROM: Jim Burror, Acting General Manager/Director of Operations
SUBJECT: July 2023 Operations Report

Summary/Discussion

The following selected operational reports are provided monthly to the Board of Directors. The operational reports included are as follows:

1. Monthly Operational Report

An eight (8) page overview and comparison of owner use of facilities, including influent and recycled water production. The pages include ongoing calculations used by SOCWA for billing the agencies. Other items include important statistics for regulatory compliance, visits by the public to the treatment works, and other vendor interactions. The information is broken down by facility and by Member Agency.

2. SOCWA Ocean Outfall Discharges by Agency

This data shows how much water is being discharged into the ocean each month and for the last 12 months. This data is presented for the agencies planning reuse projects to understand better the potential to expand water reuse in their service area.

3. Beach Ocean Monitoring Report

4. Recycled Water Report

5. Pretreatment Report

Fiscal Impact

No change.

Recommended Action: Receive and file the Operational Reports.

Monthly Operational Report

SOCWA Operational Report July, 2023

Excursion, Complaint, and Violation Events

Events	CTP	RTP	JBL	Totals
Odor	0	0	0	0
Noise	0	0	0	0
Spills	0	0	0	0
Violations	0	0	0	0
Others	0	0	0	0

Plant Wastewater Billing Characteristics

Key Parameters	CTP	RTP	JBL TP1	JBL TP2	Totals
Influent (mgd) (1)	3.13	7.64	6.08	1.06	17.91
Effluent (mgd)	2.55	1.67	6.08	2.46	12.76
Peak Flow (mgd)	6.50	14.70	10.00	6.78	37.98
Influent BOD (mg/l)	288	314	311	458	
Influent TSS (mg/l)	394	384	421	591	
Effluent BOD (mg/l)	4.2	4.4	7.9	7.3	
Effluent TSS (mg/l)	6.5	5.8	9.0	7.0	
Effluent Turbidity (NTU)	3.0	2.7	4.6	3.2	

(1) CTP Influent value does not include AWT backwash in this table.

Recycled Water (AWT) Operations

Key Parameters	CTP	RTP	JBL	Totals
Average Flow (mgd)	0.87	5.97		6.84
Days of Operation (days)	31	31		
Total Flow (million gallons)	27.0	185.2		212.1
Plant Irrigation (million gallons)	0.10	0.16	0.33	
AWT Time Online (%)	100%			

Wastewater Unit Definitions

mgd = million gallons per day

mg/l = milligram per liter also known as parts per million

NTU = Nephelometric Turbidity Units

SOCWA Operational Report July, 2023 (cont'd)

Biosolids Management

Biosolids Management Site	CTP	RTP	JBL	Totals
Synagro Compost (tons)		777.3	0.0	777.3
Nursery Products (tons)		330.8	603.9	934.7
Prima Deshecha (tons)		73.6	184.0	257.6
Other: (tons)		0.0	0.0	0.0
Total Processed (tons)		1,181.7	787.9	1,969.7

Summary of Maintenance Activities

Task Type	CTP	RTP	JBL	Totals
Preventative Maintenance	111	303	250	664
Corrective Maintenance	13	46	61	120

Site Visitors

Visitor Types	CTP	RTP	JBL	Totals
Regulatory	0	0	0	0
Member Agency	0	0	2	2
Residents	0	0	0	0
Others	5	4	6	15
Tours #/Visitors	0	0	0	0

Grit Disposal Management

Grit & Screenings	CTP	RTP	JBL	Totals
Simi Valley Landfill (tons)	6.0	12.6	0.0	18.6

Chemical and Energy Utilization

Chemical/Utility	CTP	RTP	JBL	Totals
Ferric Chloride (tons)	0.0	18.4	0.0	18
Utility Power Purchase (kWh)	222,678	-4,577	204,677	422,778
Cogen Power (kWh)		630,949	479,763	1,110,712
Natural Gas (Dth)	2	NA	1,281	1,282
Digester Gas to Engine (scfm)		9,243,318	5,704,068	14,947,386
Digester Gas to Boiler (scfm)		0		0
Digester Gas to Flares (scfm)		0	239,667	239,667
Digester Gas Power Savings		\$177,978		

NA = Not Available at the time this report was generated.

Wastewater Unit Definitions

kWh = kilowatt hours

Dth = Dekatherms

scfm = standard cubic feet per minute

SOCWA Operational Report July, 2023 (cont'd)

Agency Wastewater Flows to SOCWA by Facility (Including Internal Waste Streams Used for Billing)

Agency	CTP (mgd)	CTP (%)	RTP (mgd)	JBL (mgd)	JBL (%)	Total (mgd)
CLB	1.762	53.95%				1.76
EBSD	0.083	2.54%				0.08
SCWD	1.421	43.51%				3.20
MNWD	0.000	0.00%	7.64	1.400	19.61%	9.04
CSJC				2.276	31.87%	2.28
SMWD				1.688	23.64%	1.69
Total	3.265	100.00%	7.64	7.140	100.00%	18.05

Total Agency Outfall Flows by Outfall System-Billing Flows

Agency	SJCOO (mgd)	SJCOO (%)	SJCOO Meter (mgd)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB				1.76	31.51%	1.76	
EBSD				0.08	1.49%	0.08	
SCWD	1.92	19.37%		0.57	10.22%	2.49	Includes Desalters
MNWD	1.43	14.50%		1.67	29.84%	3.10	
ETWD				1.09	19.49%	1.09	Direct Outfall Only
CSJC	2.56	25.83%				2.56	Includes Desalter
SMWD	1.71	17.24%				1.71	Includes Chiquita
CSC	2.28	23.05%				2.28	Direct Outfall Only
IRWD				0.42	7.46%	0.42	Direct Outfall Only
Total	9.89	100.00%	0.89	5.59	100.00%	15.48	

SOCWA Operational Report July, 2023 (cont'd)

FY Flow/Solids Summary-Billing

Project Committee No. 2 Liquids (JBL)

Agency	Own (mgd)	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)(1)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CSJC	4.00	30.77%	2.210	26.25%	2.276	31.87%	2.28	31.87%
MNWD	3.00	23.08%	1.400	16.63%	1.400	19.61%	1.40	19.61%
SCWD	3.75	28.85%	1.610	19.12%	1.777	24.88%	1.78	24.88%
SMWD	2.25	17.31%	3.200	38.00%	1.688	23.64%	1.69	23.64%
Total	13.00	100.00%	8.420	100.00%	7.140	100.00%	7.14	100.00%

Project Committee No. 2 Solids (JBL)

Agency	Own (lbs/d)	Own (%)	Budget (lbs/d)	Budget (%)	Month (lbs/d)	Month (%)	36 Month Rol. Avg. (lbs/d) (2)	36 Month Rol. Avg. (%)
CSJC	11,572	30.00%	5,884	22.54%	6,151	30.45%	6,460	24.73%
MNWD	8,340	21.62%	6,169	23.63%	4,384	21.70%	5,821	22.29%
SCWD	7,715	20.00%	5,584	21.39%	4,380	21.68%	5,495	21.04%
SMWD	10,946	28.38%	8,473	32.45%	5,286	26.17%	8,344	31.95%
Total	38,573	100.00%	26,110	100.00%	20,201	100.00%	26,120	100.00%

Project Committee No. 5 - San Juan Creek Ocean Outfall (SJCOO)

Agency	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CSC	16.63%	13.300	16.63%	2.281	23.05%	2.281	23.05%
CSJC	11.08%	8.860	11.08%	2.556	25.83%	2.556	25.83%
MNWD(3)	15.51%	12.410	15.51%	1.435	14.50%	1.435	14.50%
SCWD	12.46%	9.970	12.46%	1.917	19.37%	1.917	19.37%
SMWD	44.32%	35.460	44.33%	1.706	17.24%	1.706	17.24%
Total	100.00%	80.000	100.00%	9.893	100.00%	9.893	100.00%

(1) Influent billing meter summary:

- CSJC is metered daily in the collection system. The area-velocity meter has an accuracy of +/- 20%.
- MNWD is assumed to be 1.4 mgd unless Treatment Plant 3A is discharging to the sewer. If other discharges occur, they are estimated.
- SCWD flows are the summation of the DPSD and Victoria PS meters. The two metering systems have an accuracy of +/- 10%.
- The Oso Trabuco sewer is metered daily in the collection system. The flows from MNWD are subtracted from the metering data collected to determine SMWD's flows. The metering system in the collection system has an accuracy of +/- 20%.

(2) The 36-month average is the average of the past 36 months. The Use Audit is based on the last 3 Fiscal Years versus the average of the past 36 months.

(3) All monthly flow data for 3A is reported as part of MNWD's flow to the ocean outfall.

SOCWA Operational Report July, 2023 (cont'd)

FY Flow/Solids Summary-Billing (cont'd)

Project Committee No. 15 (CTP)

Agency	Own (mgd)	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CLB	2.54	37.91%	1.496	55.22%	1.762	53.95%	1.762	53.95%
EBS	0.20	2.99%	0.060	2.21%	0.083	2.54%	0.083	2.54%
SCWD	2.00	29.85%	1.153	42.56%	1.421	43.51%	1.421	43.51%
MNWD	1.96	29.25%	0.000	0.00%	0.000	0.00%	0.000	0.00%
Total	6.70	100.00%	2.709	100.00%	3.265	100.00%	3.265	100.00%

Project Committee No. 17 Liquids (RTP)

Agency	Budget Liquids (mgd)	Budget Liquids (%)	Month Plant Influent (mgd)	Month Centrate (mgd)	Month Total (mgd)(1)	Month Total (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CLB	0.00716	0.0942%	0.0000	0.0152	0.0152	0.1966%	0.0152	0.1966%
EBS	0.00001	0.0001%	0.0000	0.0007	0.0007	0.0093%	0.0007	0.0093%
SCWD	0.00427	0.0562%	0.0000	0.0123	0.0123	0.1585%	0.0123	0.1585%
ETWD	0.01562	0.2055%	0.0000	0.0152	0.0152	0.1964%	0.0152	0.1964%
MNWD	7.57236	99.6439%	7.6416	0.0724	7.7140	99.4393%	7.7140	99.4393%
Total	7.59942	100.0000%	7.6416	0.1159	7.7575	100.0000%	7.7575	100.0000%

(1) Month total does not double count MNWD centrate. It is included in the Monthly Plant Influent too.

SOCWA Operational Report July, 2023 (cont'd)

FY Flow/Solids Summary (cont'd)

Project Committee No. 17 Solids (RTP)

Agency	Own (lbs/d)	Own (%)	Budget (lbs/d)	Budget (%)	Total Month (lbs)	Total Month (%)	FY Avg Total to Date (lbs)	FY Avg Total to Date (%)
CLB	5,605	11.22%	4,406	11.89%	154,588	13.16%	154,588	13.16%
EBSD	295	0.59%	177	0.48%	7,289	0.62%	7,289	0.62%
SCWD	4,480	8.96%	3,392	9.16%	124,665	10.61%	124,665	10.61%
ETWD	10,200	20.41%	5,305	14.32%	154,410	13.15%	154,410	13.15%
MNWD	29,395	58.82%	23,769	64.16%	733,492	62.45%	733,492	62.45%
Total	49,975	100.00%	37,049	100.00%	1,174,445	100.00%	1,174,445	100.00%

Project Committee No. 24 (ACOO)

Agency	Own (%)	Budget (mgd)	Budget (%)	Month Outfall Flow (mgd)	Month Outfall Flow (%)	FY Avg Outfall Flow (mgd)	FY Avg Outfall Flow (%)
CLB	11.00%	5.500	11.00%	1.762	31.51%	1.762	31.51%
EBSD	0.78%	0.390	0.78%	0.083	1.49%	0.083	1.49%
ETWD	16.30%	8.151	16.30%	1.090	19.49%	1.090	19.49%
IRWD	15.76%	7.880	15.76%	0.417	7.46%	0.417	7.46%
MNWD	43.85%	21.924	43.85%	1.668	29.84%	1.668	29.84%
SCWD	12.31%	6.155	12.31%	0.571	10.22%	0.571	10.22%
Total	100.00%	50.000	100.00%	5.591	100.00%	5.591	100.00%

SOCWA Operational Report July, 2023 (cont'd)

Select Critical Equipment Repairs

JBL - PC2

Replaced failed Plant Water Pump #3.
Repaired safety covers at the stormwater pumping station.
Replaced failed screenpress that was ordered 18 months ago.
Troubleshooted the fire eye for the flare.
Replaced failed secondary scum pumps, including replacing the corroded and failing concrete pads.
Replaced failing DAF #2 sludge pump.
Replaced failing TWAS Pump #2 and sent out for overhaul.
Repaired leaking bleach line near secondary basins.
Troubleshooted the Plant #1 sludge grinding pump.
Replaced leaking seal on Plant #2 Raw Sewage Pump #1.
Repaired failing ferric chloride pump.
Troubleshooted the SCJOO pit sump pump that failed.

CTP - PC15

Troubleshooted and repaired the Aeration Blower # 1 Gear Box that was failing on vibration.
Replaced failed controller for the DPS Sump Pump.
Cleaned out the DPS wetwell for a condition inspection under an Engineering Project.
Replaced corroded back panels for flow meters around the Plant.

RTP - PC17

Continued overhaul project for the 3WHP pump system.
Troubleshooted the failing ORT #1 Recirculation Pump #1.
Rebuilt the corroded and failing Nitrate Probe Pump system.
Started the overhaul project for RAS#3.
Started the overhaul project for Plant Drainage Pump 2.
Troubleshooted the Digester Sludge Circulation Pump #4 that was making loud noises.
Started the overhaul project for Centrifuge Feed Pump #3.

Support Services - ALL PC'S

Replaced failed solenoid valve for the Plant #1 washpress at JBL.
Troubleshooted the AB controls system for the RSP system that was not following the PLC logic at JBL.
Troubleshooted Blower #7, which failed to start as programmed at JBL.
Troubleshooted TWAS Pump #2 that failed at JBL.
Installed a new fire eye on the flare at JBL.

SOCWA Operational Report July, 2023 (cont'd)

Select Critical Equipment Repairs (cont'd)

Support Services - ALL PC'S (cont'd)

Replaced failed DO probe cap on the West #1B tank at CTP.
Troubleshoot Blower #2, which was tripping offline at CTP.
Troubleshoot West Grit Pump, which was tripping offline at CTP.
Troubleshoot and repaired Chlorine Mixer #1, which was making a loud noise at CTP.
Replaced failed level sensor for the DPS Sump Pump at RTP.
Troubleshoot the failing Steuler System on the Cogen Engine at RTP.
Replaced failed solenoid valve that controls the sludge hopper loading gates at RTP.
Troubleshoot failed flow meter for Centrifuge #3 at RTP.
Replaced failed flow meter for the Digester Heat Loop at RTP.
Replaced failed level sensor for the Plant Polymer Tank at RTP.
Replaced failed flow meter for the Digester Gas Circulation/Mixing System.
Replaced failed motor on Interstage Pump #4.

Items with a (*) have been identified as preventable repairs.

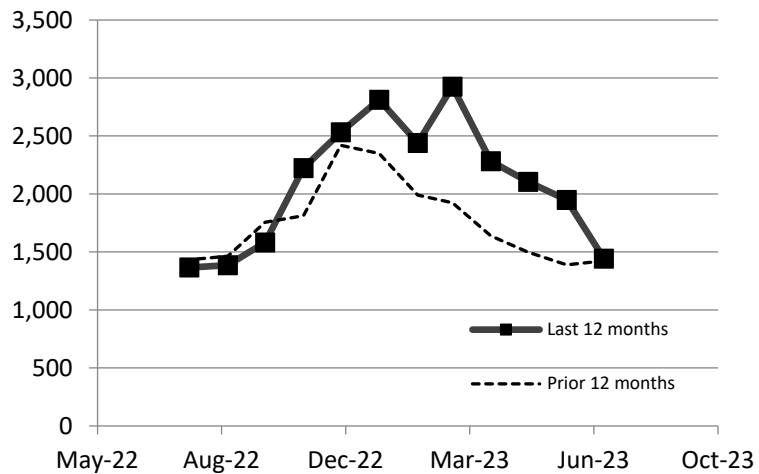
SOCWA Ocean Outfall Discharges by Agency

SOCWA Operational Report July, 2023 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.76	31.51%	1.76
EBSD			0.08	1.49%	0.08
SCWD	1.92	19.37%	0.57	10.22%	2.49
MNWD	1.43	14.50%	1.67	29.84%	3.10
ETWD			1.09	19.49%	1.09
CSJC					2.56
SMWD					1.71
CSC					2.28
IRWD			0.42	7.46%	0.42
Total			9.89	100.00%	5.59
	or Acre-Feet per year equivalent				17,343

12-Month Running Total Discharge to Ocean Outfalls (AF)

Jul-23	1,442
Jun-23	1,949
May-23	2,105
Apr-23	2,282
Mar-23	2,926
Feb-23	2,440
Jan-23	2,812
Dec-22	2,532
Nov-22	2,224
Oct-22	1,582
Sep-22	1,386
Aug-22	1,366
Total	25,046



Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

July 2023

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO	Rain
	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	FLOW	FLOW	FLOW	Fall
	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	MGD	MGD	MGD	inches
07/01/23	No Flow				0.739	8.7	6.6	<0.1	3.480	5.6	8.0	0.1	2.000	11.8	6.0	0.2	0.786	0.000	0.139	7.144	0.00
07/02/23	No Flow				0.914	13.0	6.7	<0.1	2.07	6.2	6.0	<0.1	2.434	4.0	4.0	<0.1	0.787	0.000	0.108	6.313	0.00
07/03/23	No Flow				1.125	9.7		<0.1	3.550	4.8	6.0	<0.1	2.554	1.8	4.0	0.1	0.786	0.000	0.145	8.160	0.00
07/04/23	No Flow				2.185	9.3	5.6	<0.1	1.440	6.6	5.0	0.1	2.896	13.0	5.0	0.3	0.764	0.000	0.129	7.414	0.00
07/05/23	No Flow				1.290	10.7	6.6	<0.1	2.250	5.0	5.0	<0.1	2.799	16.4	8.0	0.1	0.394	0.000	0.124	6.857	0.00
07/06/23	No Flow				1.189	7.1	5.8	<0.1	2.770	5.6	4.0	0.1	2.110	10.6	6.0	<0.1	0.374	0.000	0.148	6.591	0.00
07/07/23	No Flow				0.761	13.4	6.3	<0.1	1.160	5.6	4.0	0.1	2.262	10.0	5.0	<0.1	0.390	0.000	0.140	4.713	0.03
07/08/23	No Flow				0.918	3.3	3.1	<0.1	2.450	4.6	5.0	0.2	2.610	4.8	3.0	0.1	0.390	0.000	0.124	6.492	0.00
07/09/23	No Flow				1.364	7.5	4.7	<0.1	2.290	4.6		<0.1	2.555	4.6		<0.1	0.390	0.000	0.127	6.726	0.00
07/10/23	No Flow				1.688	8.7	5.6	<0.1	3.040	6.2	4.0	<0.1	2.501	1.6	3.0	<0.1	0.391	0.000	0.126	7.746	0.00
07/11/23	No Flow				1.116	6.3	3.5	<0.1	1.490	5.4	5.0	<0.1	2.310	8.2	6.0	0.1	0.390	0.000	0.136	5.442	0.00
07/12/23	No Flow				0.917	8.3	4.5	<0.1	1.780	4.6		0.1	2.329	4.8		<0.1	0.390	0.000	0.133	5.549	0.00
07/13/23	No Flow				1.219	7.5	4.2	0.1	1.030	5.4	7.0	<0.1	2.246	6.4	5.0	0.1	0.356	0.000	0.134	4.985	0.00
07/14/23	No Flow				1.141	9.5	4.1	0.1	1.120	5.8	3.0	<0.1	2.227	5.0	3.0	<0.1	0.390	0.000	0.129	5.007	0.00
07/15/23	No Flow				1.257	15.5	7.4	0.1	0.940	5.2	4.0	0.1	2.287	5.0	4.0	<0.1	0.390	0.000	0.096	4.970	0.00
07/16/23	No Flow				0.794	9.7	5.4	0.1	1.130	4.6	5.0	<0.1	2.368	5.4	4.0	<0.1	0.390	0.000	0.120	4.802	0.00
07/17/23	No Flow				1.395	11.0		0.1	1.690	6.6	4.0	<0.1	2.440	8.8	6.0	0.1	0.390	0.000	0.137	6.052	0.00
07/18/23	No Flow				0.956	9.8	5.4	0.1	1.370	5.0	3.0	<0.1	2.711	7.2	4.0	0.1	0.389	0.000	0.129	5.555	0.00
07/19/23	No Flow				0.827	9.7	4.6	0.1	0.990	6.2	3.0	0.1	2.740	6.4	4.0	<0.1	0.390	0.000	0.133	5.080	0.00
07/20/23	No Flow				0.658	9.6	5.2	0.1	0.800	6.8	7.0	0.1	2.401	5.8	4.0	<0.1	0.390	0.000	0.143	4.392	0.00
07/21/23	No Flow				0.909	12.0	5.7	0.1	0.930	6.4	4.0	0.1	2.133	5.6	4.0	0.1	0.390	0.000	0.142	4.504	0.00
07/22/23	No Flow				1.063	11.2	5.2	0.1	1.080	6.0	4.0	0.1	2.391	4.4	3.0		0.390	0.000	0.138	5.062	0.00
07/23/23	No Flow				0.832	8.2	4.3	0.1	1.100	7.4	4.0	<0.1	2.456	5.6	4.0	<0.1	0.390	0.000	0.120	4.898	0.00
07/24/23	No Flow				1.444	9.4		<0.1	2.440	6.6	2.0	<0.1	2.374	6.0	4.0	<0.1	0.390	0.000	0.130	6.778	0.00
07/25/23	No Flow				1.469			<0.1	1.170	5.8	3.0	0.1	2.340	6.4	4.0	0.1	0.096	0.000	0.132	5.207	0.00
07/26/23	No Flow				0.789	9.0	5.1	<0.1	0.980	6.4	3.0	<0.1	1.998	9.0	3.0	0.1	0.314	0.000	0.132	4.213	0.00
07/27/23	No Flow				0.908	12.5	7.2	<0.1	1.550	5.6	3.0	0.1	2.441	5.2	4.0	0.1	0.387	0.000	0.135	5.421	0.00
07/28/23	No Flow				0.872	17.0	6.6	<0.1	1.710	4.2	2.0	0.2	2.669	5.2	4.0	<0.1	0.209	0.000	0.134	5.594	0.00
07/29/23	No Flow				0.790	15.1	6.9	<0.1	0.930	6.0	4.0	<0.1	2.162	6.6	4.0		0.271	0.000	0.134	4.287	0.00
07/30/23	No Flow				0.962	16.8	7.0	0.1	1.120	7.4	4.0	<0.1	2.366	6.0	3.0		0.388	0.000	0.126	4.962	0.00
07/31/23	No Flow				1.298	14.4	7.2	0.1	1.870	8.8	6.0	<0.1	2.784	0.8	2.0	0.1	0.387	0.000	0.142	6.481	0.00
AVG	No Flow				1.090	10.5	5.6	<0.1	1.668	5.8	4.4	<0.1	2.416	6.5	4.2	<0.1	0.417	0.000	0.131	5.722	
TOTAL	No Flow				33.79				51.72				74.89				12.93	0.00	4.065	177.40	0.03

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1 2023
 SAMPLE SOURCE: Surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 05:39

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage				Water	H2O	Water	Water	
			Coliform	Coliform	coccus	Origin		Oil &	Odor					
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease						
			SM9222B	SM9222D	EPA 1600					Color	Temp(F)	Condition	Outlet	Birds
S3	07/05/23	08:00	30	<10	2	None	None	None	None	Blue	66	Clear	Flowing	
S4	07/05/23	09:40	<10	10	<2	None	None	None	None	Blue		Clear		
S5	07/05/23	09:15	10	<10	<2	None	None	None	None	Blue		Clear		
S6	07/05/23	09:00	<10	<10	<2	None	None	None	None	Blue		Clear		
WEST	07/05/23	08:45	30	10	2	None	None	None	None	Green		Clear		
S7	07/05/23	08:40	<10	<10	<2	None	None	None	None	Green		Clear		
S8	07/05/23	08:36	200	10	100	None	None	None	None	Blue		Clear		
S9	07/05/23	08:32	1000	190	100	None	None	None	None	Blue		Clear		
ACM1	07/05/23	08:30	80	30	10	None	None	None	None	Brown		Slightly Turbid		
S10	07/05/23	08:18	100	<10	46	None	None	None	None	Blue		Clear		
S11	07/05/23	08:12	10	10	2	None	None	None	None	Blue		Clear		
S12	07/05/23	08:10	10	<10	<2	None	None	None	None	Blue		Clear		

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Monitoring

#2

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 09:45

Weather: Overcast

COMMENTS:

STA#	DATE	TIME	Total Coliform	Fecal Coliform	Entero- coccus	Material of Sewage		Oil &	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore	Grease						
S3	07/10/23	08:39	50	<10	<2	None	None	None	None	Green	66	Clear		
S4	07/10/23	10:20	40	10	<2	None	None	None	None	Green		Clear		
S5	07/10/23	10:10	200	10	10	None	None	None	None	Green		Clear		
S6	07/10/23	10:01	10	<10	4	None	None	None	None	Green		Clear		
WEST	07/10/23	09:56	50	<10	<2	None	None	None	None	Green		Clear		
S7	07/10/23	09:50	10	<10	2	None	None	None	None	Green		Clear		
S8	07/10/23	09:37	140	<10	<2	None	None	None	None	Green		Clear		
S9	07/10/23	09:33	100	<10	<2	None	None	None	None	Green		Clear		
ACM1	07/10/23	09:30	30	<10	<2	None	None	None	None	Green		Clear		
S10	07/10/23	09:13	10	<10	<2	None	None	None	None	Green		Clear		
S11	07/10/23	09:06	40	<10	<2	None	None	None	None	Green		Clear		
S12	07/10/23	08:59	60	<10	2	None	None	None	None	Green		Clear		

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100m

Unified Beach Monitoring

#3

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 05:08

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore							
S3	07/19/23	07:05	20	<10	<2	None	None	None	None	Green	63	Clear		
S4	07/19/23	08:55	50	40	6	None	None	None	None	Green		Clear		
S5	07/19/23	08:40	10	<10	<2	None	None	None	None	Green		Clear		
S6	07/19/23	08:25	30	<10	20	None	None	None	None	Green		Clear		
WEST	07/19/23	08:20	<10	<10	4	None	None	None	None	Green		Clear		
S7	07/19/23	08:15	<10	<10	<2	None	None	None	None	Green		Clear		
S8	07/19/23	08:05	<10	<10	2	None	None	None	None	Blue		Clear		
S9	07/19/23	07:55	20	<10	<2	None	None	None	None	Green		Clear		
ACM1	07/19/23	07:50	20	<10	4	None	None	None	None	Green		Clear		
S10	07/19/23	07:35	<10	<10	<2	None	None	None	None	Green		Clear		
S11	07/19/23	07:30	<10	<10	<2	None	None	None	None	Green		Clear		
S12	07/19/23	07:25	<10	<10	<2	None	None	None	None	Green		Clear		

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 8:00

Weather: Overcast

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform	Coliform	coccus	Origin								
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore							
			SM9222B	SM9222D	EPA 1600									
S3	07/25/23	10:30	30	<10	<2	None	None	None	None	Blue	65	Clear		
S4	07/25/23	10:10	<10	<10	<2	None	None	None	None	Blue		Clear		
S5	07/25/23	10:00	<10	<10	<2	None	None	None	None	Blue		Clear		
S6	07/25/23	09:40	10	<10	<2	None	None	None	None	Blue		Clear		
WEST	07/25/23	09:35	<10	<10	<2	None	None	None	None	Blue		Clear		
S7	07/25/23	09:30	<10	<10	<2	None	None	None	None	Blue		Clear		
S8	07/25/23	09:20	<10	<10	2	None	None	None	None	Blue		Clear		
S9	07/25/23	09:16	20	<10	10	None	None	None	None	Blue		Clear		
ACM1	07/25/23	09:02	<10	<10	<2	None	None	None	None	Blue		Clear		
S10	07/25/23	08:59	<10	<10	<2	None	None	None	None	Blue		Clear		
S11	07/25/23	08:52	<10	<10	<2	None	None	None	None	Blue		Clear		
S12	07/25/23	08:45	10	<10	<2	None	None	None	None	Blue		Clear		

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Monitoring

#5

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: High Tide 09:45

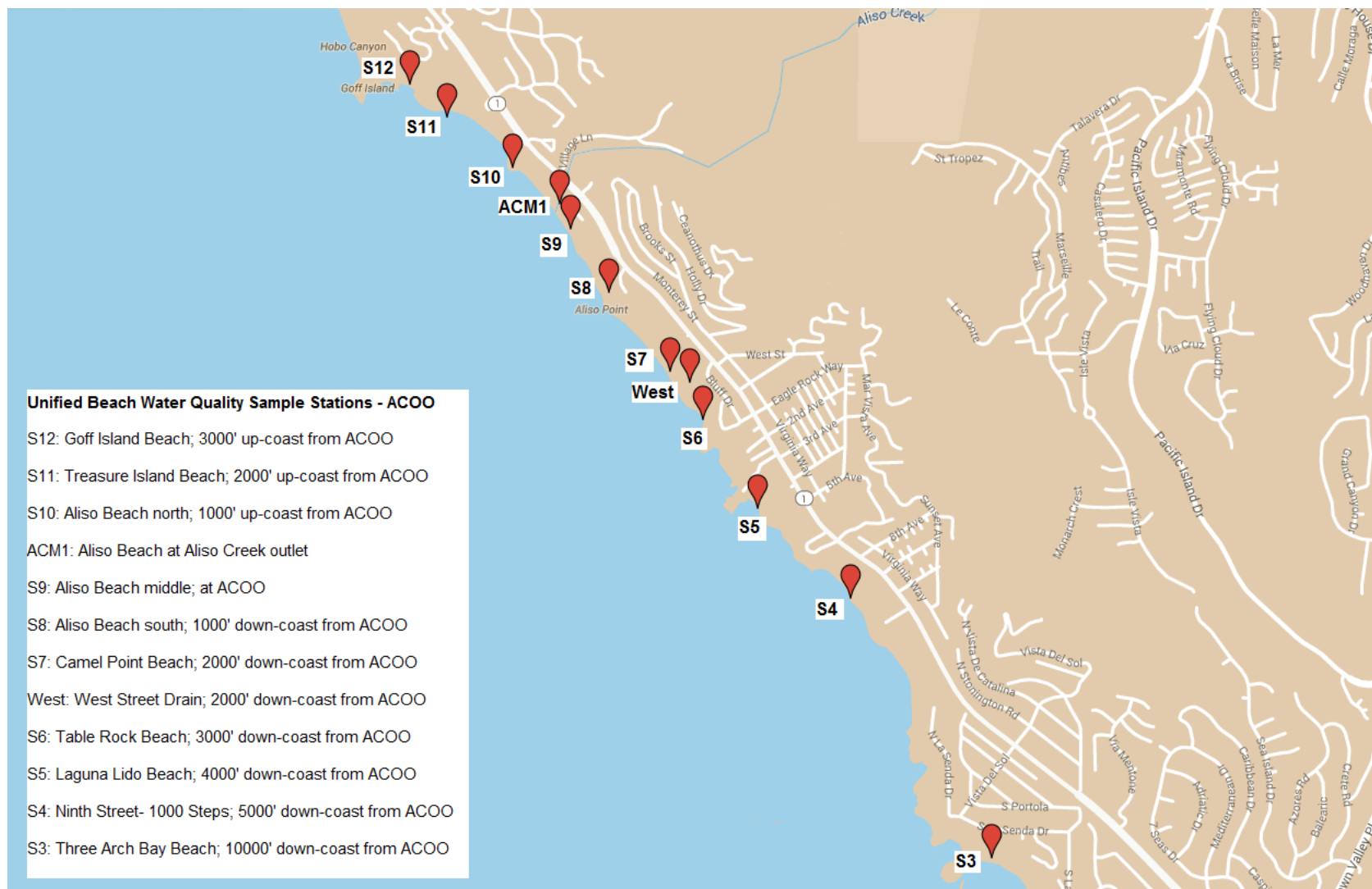
Weather: Clear

COMMENTS: Duplicate at S12

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds	
			Coliform	Coliform	coccus	Origin									
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore								
S3	07/31/23	07:52	<10	<10	10	None	None	None	None	Green	71	Clear			
S4	07/31/23	10:07	<10	<10	2	None	None	None	None	Green		Clear			
S5	07/31/23	10:02	<10	<10	20	None	None	None	None	Green		Clear			
S6	07/31/23	09:37	<10	<10	<2	None	None	None	None	Green		Clear			
WEST	07/31/23	09:33	<10	<10	<2	None	None	None	None	Green		Clear			
S7	07/31/23	09:28	<10	<10	2	None	None	None	None	Green		Clear			
S8	07/31/23	09:00	10	<10	6	None	None	None	None	Green		Slightly Turbid			
S9	07/31/23	09:06	10	<10	4	None	None	None	None	Green		Slightly Turbid			
ACM1	07/31/23	08:52	10	<10	<2	None	None	None	None	Green		Slightly Turbid			Flowing
S10	07/31/23	08:31	20	<10	2	None	None	None	None	Green		Clear			
S11	07/31/23	08:24	10	10	<2	None	None	None	None	Green	Clear				
S12	07/31/23	08:19	10	<10	2	None	None	None	None	Green	Clear				

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Water Quality Sample Station Map – Aliso Creek Ocean Outfall



Aliso Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

SOCWA's NPDES discharge permit requires participation in the South Orange County Unified Beach Water Quality Monitoring Program. The monitoring stations below are tested by SOCWA at least once per week for Total and Fecal Coliform and Enterococcus Bacteria.

Station	Location
S3	Three Arch Bay Beach; 10,000' down-coast from ACOO
S4	Ninth Street-1000 Steps; 5,000' down-coast from ACOO
S5	Laguna Lido Beach; 4,000 down-coast from ACOO
West	West Street Drain; 2,000' down-coast from ACOO
S6	Table Rock Beach; 3,000' down-coast from ACOO
S7	Camel Point Beach; 2,000' down-coast from ACOO
S8	Aliso Beach south; 1,000' down-coast from ACOO
S9	Aliso Beach middle; at ACOO
ACM1	Aliso Beach at Aliso Creek Outlet
S10	Aliso Beach north; 1,000' up-coast of ACOO
S11	Treasure Island Beach; 2,000' up-coast of ACOC
S12	Goff Island Beach; 3,000' up-coast of ACOO

MONITORING REPORT

Off Shore Stations

South Orange County Wastewater Authority

DISCHARGE: Aliso Creek Ocean Outfall

REPORT FOR: July 2023

REPORT FREQUENCY: Monthly

REPORT DUE: September 1, 2023

SAMPLE SOURCE: Receiving water, nearshore and offshore

SAMPLING FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in permit

TYPE OF SAMPLE: Grab

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

Comments: Low Tide 07:07

Sta No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	07/07/23	4	<2	<2	08:02	0	0	
A-1	Mid depth	07/07/23	<10	<10	<10				
A-2	Surface	07/07/23	2	<2	<2	07:50	0	0	
A-2	Mid depth	07/07/23	<10	<10	<10				
A-3	Surface	07/07/23	<2	<2	<2	07:55	0	0	
A-3	Mid depth	07/07/23	<10	<10	<10				
A-4	Surface	07/07/23	20	2	<2	08:07	0	0	
A-4	Mid depth	07/07/23	<10	<10	<10				
A-5	Surface	07/07/23	2	<2	<2	07:59	0	0	
A-5	Mid depth	07/07/23	<10	<10	<10				
B-1	Surface	07/07/23	<2	<2	<2	07:39	0	0	
B-1	Mid depth	07/07/23	<10	<10	<10				
B-2	Surface	07/07/23	<2	<2	<2	08:16	0	0	
B-2	Mid depth	07/07/23	<10	<10	<10				
N1	Surface	07/07/23	2	<2	<2	08:32	0	0	
N2	Surface	07/07/23	<2	2	<2	08:30	0	0	
N3	Surface	07/07/23	<2	<2	<2	08:29	0	0	
N4	Surface	07/07/23	4	<2	<2	08:28	0	0	
N5	Surface	07/07/23	2	<2	<2	08:27	0	0	
N6	Surface	07/07/23	6	<2	<2	08:25	0	0	
N7	Surface	07/07/23	4	2	<2	08:24	0	0	

REQUIREMENT: (1) Floating particulates and grease and oil shall not be visible. (2) The discharge of wasteshall not cause aesthetically undesirable discoloration of the ocean surface.

**Compliance Summary Report
Aliso Creek Ocean Outfall 2023**

ACOO Permit Order No. R9-2022-0006							
Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
IRWD -SGU	3/18/2023	TDS	Not Monitored	mgl	weekly	Not reported	\$ 3,000
IRWD -SGU	3/18/2023	Turbidity	Not Monitored	ntu	weekly	Not reported	\$ 3,000



SOCWA and MEMBER AGENCY FACILITIES **ACOO Spill / Overflow Report Log - 2023** **Order No. R9-2022-0006 ~ NPDES Permit No. CA0107611**

Reporting Agency	Responsible Agency	Estimated Volume (Gallons)	Type of Discharge	Location/Comments	Receiving Waters	Date Reported To State	Date Resolved
SOCWA	ETWD	60,000	Secondary	Don Peterson Contracting was performing some exploratory digging exposing the Ocean Outfall Pump Station's underground section of discharge piping, when a section of Techite pipe delaminated and secondary treated effluent started pouring out of that line. ETWD staff isolated the pump station, started up our 6" X 4" portable pump and started pumping water out of the hole where the pipe separated and discharge that water into the OOPS' wet well. The OOPS' wet well reached a level where it traveled through a gravity line to our Effluent Pump Station. That Pump station pumps water to our emergency secondary effluent Holding Pond. IRWD was notified of the line break and they began shutting down their flow from their LARP Plant. Both of the district's Vector trucks were deployed; one in the street where the water was flowing onto near the line break, and the other was at the Effluent Pump Station. As the water started to rise in the street outside of the Effluent Pump Station; we had to open our spill prevention gate that allow secondary effluent to follow off our property through a drain pipe that flowed into Veah Lake #1, which is part of the Orange County Flood Control system. This action was taken to prevent water from flowing into the pump station's electrical room and taking out the station's main electrical breaker, which would have immediately affected our ability to discharge effluent from the Plant, until we could deploy several trailer mounted pumps.	Veoh Reservoir	08-01-23	08-01-23

SAN JUAN CREEK OCEAN OUTFALL MONITORING REPORT

July 2023

DATE	J.B. LATHAM FACILITY				SAN CLEMENTE WRP				SMWD CHIQUITA WRP				3-A PLANT				CSJC Desalter	SCWD Desalter	SJCOO	Rain Fall
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	FLOW MGD	FLOW MGD	inches
07/01/23	7.680	6.3	5.9	0.1	2.392		6.0		0.000				0.013				0.000	0.175	11.050	0.00
07/02/23	7.430	8.0	12.1	<0.1	2.705				0.000				0.005				0.000	0.175	11.400	0.00
07/03/23	7.380	9.5	9.5	0.1	2.677	7.4	6.0	<0.1	0.000				0.024	5.4	4.0	<0.1	0.000	0.180	11.220	0.00
07/04/23	7.510	10.3	8.3	0.1	2.624	8.6	7.0	<0.1	0.000				0.013	7.0	5.8	<0.1	0.000	0.176	11.800	0.00
07/05/23	7.820	8.8	6.0	0.1	2.630	7.9	6.0	<0.1	0.012	1.5	2.6	0.1	0.015	3.4	2.5	<0.1	0.000	0.179	10.980	0.00
07/06/23	7.780	9.8	8.7	0.1	2.263	9.0	8.0	<0.1	0.000				0.007	5.6	4.5	<0.1	0.000	0.176	11.130	0.00
07/07/23	8.090	8.3	6.4	<0.1	2.106	7.8	7.0	<0.1	0.000				0.060	7.0	6.1	<0.1	0.000	0.175	11.010	0.03
07/08/23	7.770	7.6	7.7	0.2	2.140		8.0		0.000				0.008				0.000	0.180	10.510	0.00
07/09/23	7.930	9.7		<0.1	2.607				0.019	0.9	3.0	<0.1	0.006				0.000	0.175	11.230	0.00
07/10/23	7.830	8.8	10.1	0.2	2.801	6.8	7.0	<0.1	0.005	2.1	2.5	<0.1	0.227	5.6	4.4	<0.1	0.000	0.176	11.270	0.00
07/11/23	8.020	5.5	7.7	<0.1	2.799	6.4	7.0	<0.1	0.006	1.3	3.0	<0.1	0.108				0.000	0.175	11.320	0.00
07/12/23	8.180	9.4		0.2	2.682	6.7	8.0	<0.1	0.012	1.6	2.4	<0.1	0.008	4.6	3.0	<0.1	0.000	0.176	11.490	0.00
07/13/23	7.990	7.3	6.3	0.1	1.557	6.0	6.0	0.1	0.005	1.6	2.8	<0.1	0.004	6.0	4.5	<0.1	0.370	0.181	11.020	0.00
07/14/23	7.920	8.0	6.6	<0.1	2.584	8.1	8.0	<0.1	0.008	1.3	2.6	<0.1	0.017	5.4	4.0	<0.1	0.450	0.176	11.220	0.00
07/15/23	7.990	6.8	6.6	<0.1	1.899		7.0		0.010	1.3	3.0	<0.1	0.015	5.8	4.5	<0.1	0.520	0.176	10.990	0.00
07/16/23	8.120	7.3	10.3	<0.1	1.642				0.005	1.7	2.6	<0.1	0.011				0.510	0.176	11.160	0.00
07/17/23	8.110	7.1	6.7	0.1	1.884	6.8	8.0	<0.1	0.002	1.1	2.2	<0.1	0.012	5.2	4.0	<0.1	0.400	0.177	11.010	0.00
07/18/23	8.380	5.1	5.3	0.1	2.137	5.4	6.0	<0.1	0.004	1.4	2.6	<0.1	0.296	5.2	3.8	<0.1	0.380	0.181	11.630	0.00
07/19/23	7.970	7.7	8.1	<0.1	1.998	5.0	6.0	<0.1	0.013	1.4	2.3	0.1	0.014	6.4	4.4	<0.1	0.410	0.175	11.450	0.00
07/20/23	8.180	8.2	6.6	<0.1	2.646	5.3	6.0	<0.1	0.004	1.8	2.5	<0.1	0.005	6.0	4.8	<0.1	0.380	0.177	11.370	0.00
07/21/23	8.260	8.7	6.8	0.1	1.748	6.0	5.0	<0.1	0.016	1.8	4.7	<0.1	0.006	4.4	3.2	<0.1	0.370	0.176	11.400	0.00
07/22/23	8.210	8.8	7.3	0.1	2.083				0.160	1.5	2.4	<0.1	0.019				0.550	0.181	11.040	0.00
07/23/23	8.100	15.3	11.0	<0.1	1.744	5.7	4.0	<0.1	0.255	2.8	2.5	<0.1	0.010	7.4	5.6	<0.1	0.560	0.176	11.320	0.00
07/24/23	8.130	12.9	10.9	<0.1	2.133	6.2	8.0	<0.1	0.000				0.011	8.2	6.1	<0.1	0.430	0.135	11.710	0.00
07/25/23	8.450	8.7	7.7	<0.1	2.767	6.8	8.0	<0.1	0.002	2.6	5.0	<0.1	0.005	8.0	5.0	<0.1	0.420	0.137	11.920	0.00
07/26/23	8.390	5.4	5.3	0.1	2.308	6.8	5.0	<0.1	0.010	2.2	3.4	<0.1	0.012	5.6	4.0	<0.1	0.410	0.001	11.440	0.00
07/27/23	8.270	5.5	5.3	0.1	2.033	6.8	6.0	<0.1	0.000				0.010	6.2	5.0	<0.1	0.480	No Flow	11.000	0.00
07/28/23	8.230	10.2	7.3	0.1	2.208	8.3	6.0	<0.1	0.000				0.015	7.8	5.2	<0.1	0.510	No Flow	11.000	0.00
07/29/23	8.330	7.2	6.5	<0.1	2.019	7.5	6.0	<0.1	0.000				0.096	8.0	6.2	<0.1	0.510	No Flow	11.360	0.00
07/30/23	8.340	9.8	9.4	<0.1	2.545				0.000				0.012	6.6	5.4	<0.1	0.510	No Flow	11.880	0.00
07/31/23	8.280	7.0	7.3	0.3	2.343	8.4	8.0	<0.1	0.000				0.007	5.2	2.5	<0.1	0.510	No Flow	11.830	0.00
AVG	8.035	8.3	7.7	<0.1	2.281	6.9	6.7	<0.1	0.018	1.7	2.9	<0.1	0.035	6.1	4.5	<0.1	0.280	0.140	11.295	
TOTAL	249.070				70.704				0.548				1.071				8.680	4.343	350.160	0.03

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: High Tide 10:35

Weather: Overcast

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero-coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition			
S0	07/03/23	09:05	>=100	55	40	None	None	None	None	Green			Turbid		
S1	07/03/23	09:10	20	10	10	None	None	None	None	Green			Turbid		
S2	07/03/23	10:05	40	30	2	None	None	None	None	Green			Turbid		
DSB5	07/03/23	10:20	>=40	15	62	None	None	None	None	Green			Turbid		
S3	07/03/23	09:20	>=20	10	10	None	None	None	None	Green	63		Turbid		
DSB4	07/03/23	09:20	20	10	24	None	None	None	None	Green			Turbid		
S5	07/03/23	09:35	>=40	25	20	None	None	None	None	Green			Turbid		
DSB1	07/03/23	09:40	40	10	10	None	None	None	None	Green			Turbid		
SJC1	07/03/23	09:05	>400	60	40	None	None	None	None	Green			Turbid	Flowing	

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Monitoring

#2

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 10:32

Weather: Partly Cloudy

COMMENTS:

			Total	Fecal	Entero-									
			Coliform	Coliform	coccus	Material of Sewage								
			CFU/100ml	CFU/100ml	CFU/100ml	Origin		Oil &		Water	H2O	Water	Water	
STATION														
#	DATE	TIME	SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds
S0	07/11/23	09:30	<20	<20	4	None	None	None	None	Green	64	Slightly Turbid		
S1	07/11/23	09:15	<20	<20	<2	None	None	None	None	Green		Clear		
S2	07/11/23	09:50	100	<20	2	None	None	None	None	Green		Clear		
DSB5	07/11/23	10:00	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S3	07/11/23	09:05	<20	<20	<2	None	None	None	None	Green		Clear		
DSB4	07/11/23	09:00	<20	<20	<2	None	None	None	None	Green		Clear		
S5	07/11/23	08:50	<20	<20	<2	None	None	None	None	Green		Clear		
DSB1	07/11/23	08:35	<20	<20	<2	None	None	None	None	Green		Clear		
SJC1	07/11/23	09:40	<100	<100	<10	None	None	None	None	Green		Slightly Turbid		

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Monitoring

#3

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 04:39

Weather: Overcast

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Condition	Outlet	
S0	07/18/23	08:15	<20	<20	<2	None	None	None	None	Green			Turbid		
S1	07/18/23	08:20	<20	<20	<2	None	None	None	None	Green			Turbid		
S2	07/18/23	08:05	100	20	26	None	None	None	None	Green			Turbid		
DSB5	07/18/23	08:08	<20	20	4	None	None	None	None	Green	70		Turbid		
S3	07/18/23	08:25	<20	<20	<2	None	None	None	None	Green			Turbid		
DSB4	07/18/23	08:25	<20	<20	<2	None	None	None	None	Green	70		Turbid		
S5	07/18/23	08:35	<20	<20	2	None	None	None	None	Green			Turbid		
DSB1	07/18/23	08:40	20	<20	2	None	None	None	None	Green			Turbid		
SJC1	07/18/23	08:15	<100	<100	<10	None	None	None	None	Green			Turbid		

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: July 2023
 REPORT DUE: September 1, 2023
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

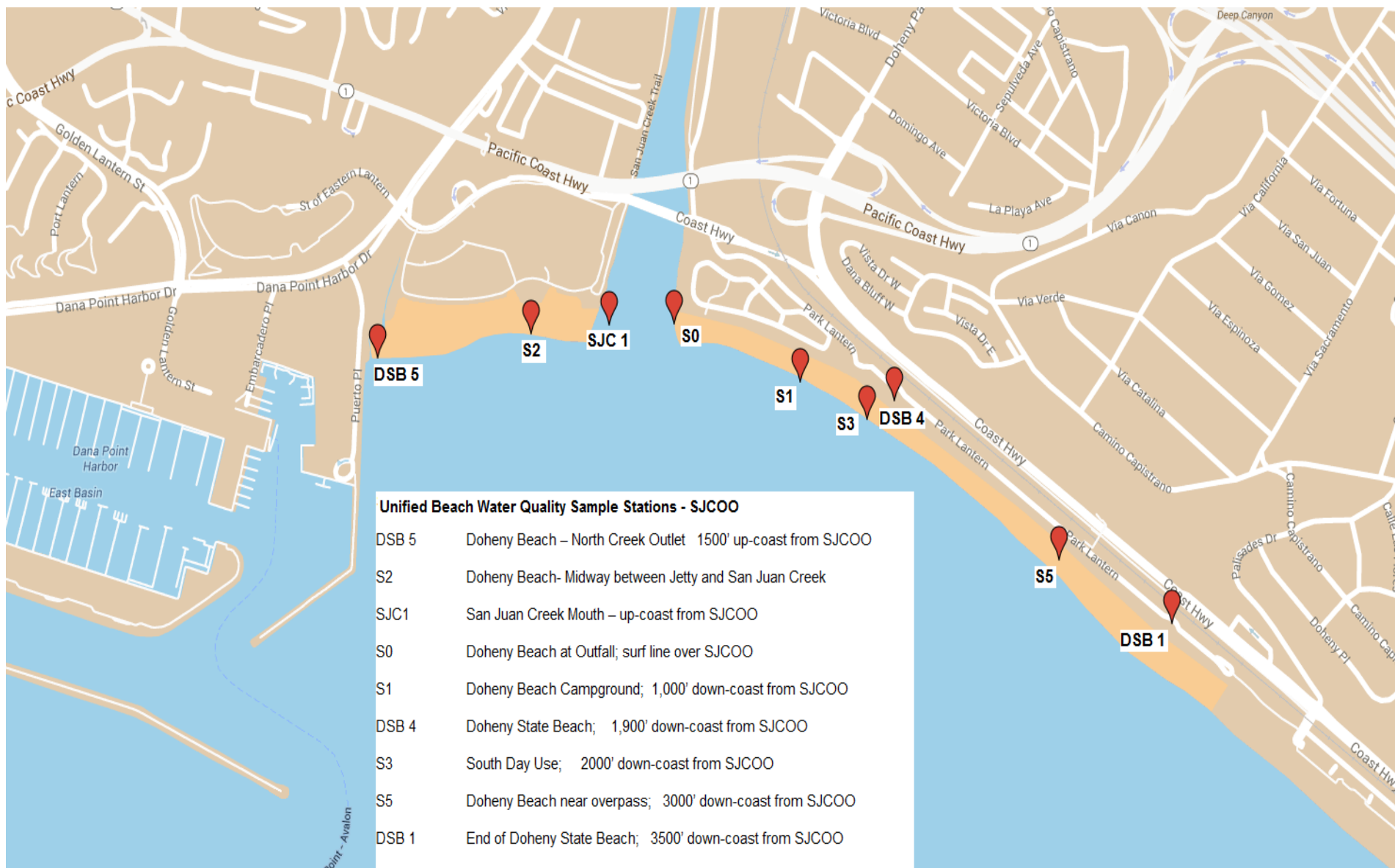
Tidal Condition: Low Tide 08:51

Weather: Partly Cloudy

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Condition	Outlet	
S0	07/26/23	08:30	200	<20	<2	None	None	None	None	Green	72	Turbid			
S1	07/26/23	08:40	60	<20	<2	None	None	None	None	Green		Turbid			
S2	07/26/23	09:15	100	<20	<2	None	None	None	None	Green		Turbid			
DSB5	07/26/23	09:25	200	20	2	None	None	None	None	Green		Turbid			
S3	07/26/23	08:40	80	<20	<2	None	None	None	None	Green		Turbid			
DSB4	07/26/23	08:43	80	<20	<2	None	None	None	None	Green		Turbid			
S5	07/26/23	08:50	100	<20	<2	None	None	None	None	Green		Turbid			
DSB1	07/26/23	08:56	100	<20	2	None	None	None	None	Green		Turbid			
SJC1	07/26/23	08:30	400	<100	<10	None	None	None	None	Green		Turbid			

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.



San Juan Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

SOCWA's NPDES discharge permit requires participation in the South Orange County Unified Beach Water Quality Monitoring Program. The monitoring stations below are tested by SOCWA at least once per week for Total and Fecal Coliform and Enterococcus Bacteria.

Station	Location
DSB 5	Doheny Beach – North Creek Outlet 1500' up-coast from SJCOO
S2	Doheny Beach- Midway between Jetty and San Juan Creek
SJC1	San Juan Creek Mouth – up-coast from SJCOO
S0	Doheny Beach at Outfall; surf line over SJCOO
S1	Doheny Beach Campground; 1,000' down-coast from SJCOO
DSB 4	Doheny State Beach; 1,900' down-coast from SJCOO
S3	South Day Use; 2000' down-coast from SJCOO
S5	Doheny Beach near overpass; 3000' down-coast from SJCOO
DSB 1	End of Doheny State Beach; 3500' down-coast from SJCOO

MONITORING REPORT

Offshore

South Orange County Wastewater Authority

DISCHARGE: San Juan Creek Ocean Outfall

REPORT FOR: July 2023

REPORT FREQUENCY: Monthly

REPORT DUE: September 1, 2023

SAMPLE SOURCE: Receiving water, nearshore and offshore

SAMPLING FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in permit

TYPE OF SAMPLE: Grab

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

Comments: Low Tide 07:07

Station No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	07/07/23	42	<2	<2	09:30	0	0	
A-1	Mid depth	07/07/23	<10	<10	<10				
A-2	Surface	07/07/23	24	<2	<2	09:35	0	0	
A-2	Mid depth	07/07/23	<10	<10	<10				
A-3	Surface	07/07/23	<2	<2	<2	09:40	0	0	
A-3	Mid depth	07/07/23	20	<10	<10				
A-4	Surface	07/07/23	20	<2	<2	09:45	0	0	
A-4	Mid depth	07/07/23	<10	<10	<10				
A-5	Surface	07/07/23	4	<2	<2	09:43	0	0	
A-5	Mid depth	07/07/23	<10	<10	<10				
B-1	Surface	07/07/23	2	<2	<2	09:21	0	0	
B-1	Mid depth	07/07/23	<10	<10	<10				
B-2	Surface	07/07/23	46	<2	<2	09:53	0	0	
B-2	Mid depth	07/07/23	20	20	<10				
N1	Surface	07/07/23	4	2	<2	09:11	0	0	
N2	Surface	07/07/23	10	<2	<2	09:08	0	0	
N3	Surface	07/07/23	20	<2	<2	09:04	0	0	
N4	Surface	07/07/23	>=36	6	<2	09:02	0	0	
N5	Surface	07/07/23	78	<2	<2	08:55	0	0	
N6	Surface	07/07/23	6	<2	<2	08:50	0	0	

REQUIREMENT: (1) Floating particulates and grease and oil shall not be visible. (2) The discharge of waste shall not cause aesthetically undesirable discoloration of the ocean surface.

Compliance Summary Report
San Juan Creek Ocean Outfall 2023

SJCOO Permit Order No. R9-2022-0005							
Agency	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
SOCWA	4/8/2023	Settleable Solids	Weekly	ml/L	3.0ml/L	Not Reported	\$3,000.00



SOCWA and MEMBER AGENCY FACILITIES
SJCOO Spill / Overflow Report Log - 2023
Order No. R9-2022-0005 ~ NPDES Permit No. CA0107417

Reporting Agency	Responsible Agency	Estimated Volume (Gallons)	Type of Discharge	Location/Comments	Receiving Waters	Date Reported To State	Date Resolved
No spills during this monitoring period.							

Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
TCWD - RRWRP	1/3/2023	TDS	12 month	mg/L	1000	1078	
SOCWA - RTP	1/9/2023	TDS	12-Month	mg/L	1000	1274	
SOCWA - RTP	1/9/2023	TDS	Daily Maximum	mg/L	1100	1230	
SOCWA - RTP	1/9/2023	Manganese	12-Month	mg/L	0.05	0.100	
SOCWA - CTP	1/9/2023	Manganese	12-Month	mg/L	0.05	0.130	
MNWD - 3A	1/9/2023	TDS	12-Month	mg/L	1000	1169	
MNWD - 3A	1/9/2023	TDS	Daily Maximum	mg/L	1100	1230	
MNWD - 3A	1/9/2023	Manganese	12-Month	mg/L	0.05	0.08	
TCWD - RRWRP	2/7/2023	TDS	12 month	mg/L	1000	1170	
SOCWA - RTP	2/2/2023	TDS	12-Month	mg/L	1000	1086	
SOCWA - RTP	2/2/2023	TDS	Daily Maximum	mg/L	1100	1390	
SOCWA - RTP	2/2/2023	Manganese	12-Month	mg/L	0.05	0.110	
SOCWA - CTP	2/2/2023	Manganese	12-Month	mg/L	0.05	0.080	
TCWD - RRWRP	3/7/2023	TDS	12 month	mg/L	1000	1083	
SOCWA - RTP	3/2/2023	TDS	12-Month	mg/L	1000	1307	
SOCWA - RTP	3/2/2023	TDS	Daily Maximum	mg/L	1100	1480	
SOCWA - RTP	3/2/2023	Manganese	12-Month	mg/L	0.05	0.110	
SOCWA - CTP	3/2/2023	Manganese	12-Month	mg/L	0.05	0.080	
TCWD - RRWRP	4/4/2023	TDS	12 month	mg/L	1000	1092	
TCWD - RRWRP	4/4/2023	TDS	Daily Maximum	mg/L	1100	1130	
SOCWA - RTP	4/21/2023	TDS	12-Month	mg/L	1000	1325	
SOCWA - RTP	4/21/2023	TDS	Daily Maximum	mg/L	1100	1490	
SOCWA - RTP	4/21/2023	Manganese	12-Month	mg/L	0.05	0.120	
SOCWA - CTP	4/12/2023	Manganese	12-Month	mg/L	0.05	0.080	
MNWD - 3A	4/21/2023	TDS	12-Month	mg/L	1000	1159	
MNWD - 3A	4/21/2023	TDS	Daily Maximum	mg/L	1100	1120	
MNWD - 3A	4/21/2023	Manganese	12-Month	mg/L	0.05	0.08	

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
TCWD - RRWRP	5/2/2023	TDS	12 month	mg/L	1000	1083	
SOCWA - RTP	5/9/2023	TDS	12-Month	mg/L	1000	1313	
SOCWA - RTP	5/9/2023	TDS	Daily Maximum	mg/L	1100	1160	
SOCWA - RTP	5/9/2023	Manganese	12-Month	mg/L	0.05	0.120	
SOCWA - CTP	5/9/2023	Manganese	12-Month	mg/L	0.05	0.080	
MNWD - 3A	5/3/2023	TDS	12-Month	mg/L	1000	1138	
MNWD - 3A	5/3/2023	Manganese	12-Month	mg/L	0.05	0.09	
TCWD - RRWRP	6/6/2023	TDS	12 month	mg/L	1000	1062	
SOCWA - RTP	6/6/2023	TDS	12-Month	mg/L	1000	1130	
SOCWA - RTP	6/6/2023	TDS	Daily Maximum	mg/L	1100	1302	
SOCWA - RTP	6/6/2023	Manganese	12-Month	mg/L	0.05	0.120	
SOCWA - CTP	6/6/2023	Manganese	12-Month	mg/L	0.05	0.080	
MNWD - 3A	6/5/2023	TDS	12-Month	mg/L	1000	1140	
MNWD - 3A	6/5/2023	TDS	Daily Maximum	mg/L	1100	1180	
MNWD - 3A	6/5/2023	Manganese	12-Month	mg/L	0.05	0.08	
TCWD - RRWRP	7/6/2023	TDS	12 month	mg/L	1000	1049	
SOCWA - RTP	7/2/2023	TDS	12-Month	mg/L	1000	1286	
SOCWA - RTP	7/2/2023	Manganese	12-Month	mg/L	0.05	0.130	
SOCWA - CTP	7/2/2023	Manganese	12-Month	mg/L	0.05	0.080	
MNWD - 3A	7/20/2023	TDS	12-Month	mg/L	1000	1135	
MNWD - 3A	7/20/2023	Manganese	12-Month	mg/L	0.05	0.09	

Recycled Water Report

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: Jun 30, 2023

Constituent	Units	12-month Avg Maximum Permit Limit	TCWD 12-month Average	SMWD Oso 12-month Average	SMWD Chiquita 12-month Average	SMWD Nichols 12-month Average	MNWD-3A 12-month Average	MNWD-RTP 12-month Average	SCWD-CTP 12-month Average ***
TDS	mg/L	1000	1062.00	Offline	932.00	875.00	1140.00	1302.00	1045.00
Chloride	mg/L	375	238.00	Offline	218.00	237.00	222.00	282.00	291.00
Sulfate	mg/L	400	382.00	Offline	250.00	219.00	382.00	383.00	330.00
Sodium	mg/L	None	54.00	Offline	165.00	175.00	-	208.00	173.00
Alkalinity	mg/L	None	-	Offline	-	-	-	289.00	201.00
Adjusted SAR	Ratio	None	4.46	Offline	5.25	5.39	3.85	4.73	4.40
Iron	mg/L	0.3	.00	Offline	.10	.02	.17	.23	.11
Manganese	mg/L	0.05	.01	Offline	.04	.01	0.09	.12	.08
MBAS	mg/L	0.5	ND	Offline	ND	ND	<0.03	<0.05	<0.05
Boron	mg/L	0.75	.31	Offline	.31	.29	.36	.31	.25
Fluoride	mg/L	None	.64	Offline	.69	1.11	.71	.82	.90
Total Organic Carbon	mg/L	None	5.80	Offline	11.70	7.30	1.80	9.90	7.20

*** The CTP 12-month permit limits are listed below:

TDS 1200 mg/L
Chloride 400 mg/L
Sulfate 500 mg/L

SOCWA Service Area
Recycled Water Production (ac-ft)
2023

Agency	Facility or Region	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Annual Totals
CSJC 1	3-A Plant/MNWD	.00	.00	-1.79	-8.63	.00	.00	.00						-10.42
CSJC 2	Chiquita/SMWD	.29	4.74	.71	25.98	35.03	47.21	52.09						166.05
CSJC 3	Non-Domestic Well	10.40	27.80	5.70	11.90	20.08	19.50	53.65						149.03
ETWD	Region 8	16.43	40.04	12.22	89.54	99.75	147.99	240.39						646.36
IRWD														
4	IRWD - 8	21.73	53.01	10.23	48.46	96.69	119.50	189.89						539.50
4	IRWD - 9	8.13	22.80	2.69	29.28	44.09	51.61	79.05						237.65
SCWD	SOCWA CTP	5.64	44.41	9.09	40.22	59.37	65.93	82.77						307.42
MNWD	JRP	174.19	247.35	149.73	297.08	407.52	309.19	568.27						2153.33
	3-A Plant	130.46	6.55	.00	57.46	148.14	146.82	146.43						635.85
5	CTP	1.07	4.00	.00	.00	-32.42	-38.93	-30.03						-96.30
SMWD	Oso Creek													
	Chiquita	546.20	452.32	555.10	489.33	498.88	494.18	496.02						3532.04
	Nichols	1.50	1.35	1.52	1.34	1.47	1.52	1.90						10.60
TCWD	RRWRP	56.19	37.03	34.85	28.41	39.18	27.57	40.74						263.98
TOTALS		972.20	941.41	780.04	1110.37	1417.78	1392.09	1921.17						8535.05

- 1 Denotes transfer of recycled water from MNWD (3A Plant) for use in the CSJC service area. Not counted as additional production.
- 2 Denotes recycled water purchased from SMWD Chiquita-WRP used in the CSJC service area. Not counted as additional production.
- 3 Denotes nondomestic groundwater produced from wells used for landscape irrigation.
- 4 IRWD production is from recycled water production, nonpotable water wells, and surface water impoundments
- 5 Denotes transfer of recycled water from SCWD (SOCWA CTP) for use in the MNWD service area. Not counted as additional production.

Note: All of ETWD reclaimed water produced and used in Region 8.

NR = No Report

Pretreatment Report

Agenda Item

5.C.

Legal Counsel Review: No

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Katie Greenwood, Source Control Manager

SUBJECT: Monthly Pretreatment Report – August 2023
San Juan Creek Ocean Outfall
NPDES Permit #CA0107417 Order # R9-2022-0005
Aliso Creek Ocean Outfall
NPDES Permit #CA0107611 Order # R9-2022-0006

Summary of Program Activities

Staff continues to utilize the CA Manufacturers Directory, submitted will serve notices, and business licensing data to identify industrial users (IUs) and update each member agency (MA) industrial waste survey (IWS) spreadsheet. Please see “Summary of IWS Activities” table below.

Permit Related Activities

The following Wastewater Discharge (WD) Permits, Special Wastewater Discharge (SWD) Permits, Nuisance Water-Special Wastewater Discharge (NSWD) Permits, Non-Industrial Wastewater Discharge (NIWD) forms, and BMP letters were issued or are in the process of being drafted for issuance:

SCWD – NSWD Permit No. SCWD-N4-010 for Three Arch Bay – Staff are working with SCWD and Three Arch Bay (TAB) Staff to add and reflect three new dry weather diversion connection points. Due to Staff turnover, SCWD and TAB temporarily placed construction design and diversion connection on hold. On May 10, 2023, TAB’s Engineer submitted one of three designs for approval. Once fully approved and constructed, SCWD will amend the existing Agreement or create a new Agreement between SCWD and TAB, and then a new Permit will be created or the existing Permit modified prior to the new diversions being connected to sewer facilities.

SCWD - Burnham-Ward Properties LLC - The County of Orange - Dana Point Harbor Revitalization Project – On July 26, 2022, Staff received a SWD Permit Application to discharge water encountered during construction activities over a three-year period. SOCWA provided a response letter to the application on September 19, 2022, stating concerns and a request for additional documentation and monitoring data. The applicant submitted additional monitoring data on January 31, 2023. During an in-person meeting with the applicant and its Staff on February 8, 2023, SOCWA relayed the need to further study the impact on its JBL facility, as recommended by the Carollo JBL TP Salt Study, and figure treatment costs should discharge to the sewer commence. The applicant agreed to pay for the additional study and sign a commitment letter stating such. A scope of work from Carollo Engineering for the model and study was provided on May 11, 2023, to the applicant for review. SOCWA staff requested a meeting with the developer

to review the scope of work and provide direction. SOCWA has received no correspondence from the applicant since.

CLB – SWD Permit No. CLB-4-002 – Rivian Automotive, LLC. – SWD Permit to allow groundwater encountered during trenching efforts to be discharged to the sewer. SOCWA received an application on May 31, 2023, and is working with the applicant to issue a permit to allow discharge starting October 2023 through November 2023.

SMWD – WD Permit No. SMWD-1-009-08-28 - Applied Medical New Passivation (Bldg. R119) – Applied Medical currently conducts passivation of metallic parts at 30152 Aventura (Bldg. R108) and 22982 Arroyo Vista (R103). Passivation processes and associated equipment will be transferred to a new facility located at 23061 Arroyo Vista, Rancho Santa Margarita (R119). Wastewater generated from these passivation processes will be discharged to the sewer. SOCWA received a WD Permit Application on July 6, 2023, and a baseline monitoring report (BMR) on July 12, 2023. Staff expects to issue a Class I WD Permit for the new location by mid-September. Once issued, the permit for Building R108 will be terminated, and the permit for Building R103 will be modified to remove the reporting requirements related to the passivation process.

SOCWA – SWD Permit No. SOCWA-4-007-08-28 – SCWD Groundwater Recovery Facility (GWRF) located at 33750 Stonehill Drive, Dana Point, CA 92675 – SCWD submitted a renewal permit application on August 8, 2023, and a renewal five-year term permit was issued on August 17, 2023.

MNWD – NSWD Permit No. MNWD-N4-001-08-28 – JO1P28 Urban Runoff Treatment Facility – On July 26, 2023, Staff received notice that ownership of the treatment facility was transferred from the County of Orange to the City of Aliso Viejo. The treatment unit was temporarily shut off at the end of July 2023. A NSWD permit was issued to the City of Aliso Viejo on August 21, 2023. A SOCWA Receipt and Review/Permit Termination letter was issued to the County upon submittal of the final SMR for July 2023.

Trainings and Committee Meetings Attended

SOCWA Staff continue to attend monthly OC Strike Force Meetings to receive and share legal information related to environmental cases and incidents throughout the county.

CWEA Staff and the P3S Community are working on an update of the Environmental Compliance Inspector (ECI) certification exams. Staff have agreed to a time commitment of 2-3 hours per week throughout the months of August and September to help with this process.

Inspections

SOCWA Staff has started the process of conducting its required annual site inspections and monitoring/sampling of all SIU/CIU's in the SOCWA service area. This is a required activity of the SOCWA pretreatment program. The information and data obtained from these required activities will be incorporated into the SOCWA Pretreatment Annual Report.

SMWD – On August 28, 2023, SOCWA performed its annual inspection and sampling event of Applied Medical's rubber manufacturing process located in Building R103, 22982 Arroyo Vista, Rancho Santa Margarita, CA 92688. Sampling results are pending. Through the inspection, Staff

verified that the passivation ultrasonic cleaning unit was moved. The WD permit for building R103 was then modified as stated under the permit activities section above.

Enforcement

MNWD – On August 3, 2023, Staff issued a warning notice of non-compliance (WNON) to Jared for late reporting of their semi-annual SMR. SOCWA considers this enforcement action resolved.

Summary of IWS Activities in SOCWA's Service Area - YTD through August 21, 2023

<u>MA IUs</u>	<u>Events</u>	<u>Permits</u>	<u>NIWD</u>	<u>BMPs</u>	<u>FSEs</u>	<u>OSEs</u>	<u>DSEs</u>	<u>Closed</u>	<u>Enforcement</u>	<u>Total IUs</u>
CLB (S)	0	3	2	5	8	110	15	0	0	143
CSC (S)	0	10	35	18	181	1265	37	1	1	1546
CSJC (S)	37	0	27	59	141	1688	28	11	0	1945
ETWD (M)	0	3	88	0	262	131	50	0	0	487
EBSD (U)	0	1	0	0	0	0	0	0	0	1
IRWD (S)	2	4	51	21	63	915	18	0	0	1072
MNWD (S)	64	6	120	38	647	2129	149	12	1	3089
SMWD (S)	39	8	19	20	214	830	52	7	0	1141
SCWD (S)	0	7	33	7	148	186	15	0	0	397
TCWD (S)	2	0	11	0	7	33	2	0	0	51
SOCWA (S)	0	5	1	0	0	0		0	0	6
Totals	144	47	387	168	1671	7287	366	31	2	9878

(S) = SOCWA conducts PT program
(M) = MA conducts PT program /w SOCWA
(U) = Urban Diversion Only

NIWD = Non-industrial Waste Discharger
BMP = Best Management Practices
FSE = Food Service Establishment

YTD = Year to Date
OSE = Other Surveyed Establishment
DSE = Dental Surveyed Establishment

Agenda Item

5.D.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACTS: David Baranowski, Director of Engineering

SUBJECT: Capital Improvement Program Status Report (*August*)

The status of the SOCWA Capital Improvement Program is presented in the tables on the following pages. Below are updates for the previous month for the major construction projects currently underway at SOCWA facilities.

J.B. Latham Package B

Plant 1 Basin Repairs, DAF Rehabilitation, Energy Building seismic retrofit, and minor rehabilitation of Digester 4:

Staff is working with the Construction Management team to close out all outstanding items.

Environmental Mitigation for the Coastal Treatment Plant Sludge Force Main Replacement Project

Restoration and improvements around Aliso Creek as required by the construction permits for the replacement of the force main from the Coastal Treatment Plant to the Regional Treatment Plant:

The area disturbed by construction has been reseeded with native species and is being monitored by a team of biologists. Staff are working with an environmental consultant, Dudek, on the planning of the mitigation work that is required by the project permits.

Aliso Creek Ocean Outfall Internal Seal Replacement Project

Replacement of five seals inside the outfall:

The contract was awarded in July, and staff has started coordinating with the diving contractor. Dives are expected to begin in September. Staff is in communication with agency representatives to plan for shutdowns.

Recommended Action: Information Item.

SOCWA CIP Workplan

Project Number	Project Name	FY 24 Budget	Status	FY 2023/2024				FY 2024/2025			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 2 - J.B. Latham Treatment Plant											
3220/3231/3287	Facility Improvements B	\$ 2,400,000	Construction complete								
32234L	Chlorine Contact Basin Isolation Gates and Structural Rehab	\$ -			D	B&A	C	C			
32231C	Process Water Repiping	\$ -		P	P	P					
3216/32225S	Energy Building Upgrades	\$ -			D	D	D				
3252	MCC M and G Replacement	\$ 1,000,000	Design underway	B&A	B&A	B&A	B&A	B&A	C	C	C
3234	Centrate Piping Reconstruction	\$ 150,000	Design underway	D	B&A	C	C	C	C		
32226L	Effluent Pump Station Upgrades	\$ 200,000			D	D	B&A	C	C	C	C
32233S	Scum Line Replacement	\$ 125,000			D	B&A	C	C			
32244S	Digester Gas and Flare Piping Improvements	\$ 75,000				P	P	D	D	D	D
32243L	Plant 2 Headworks Rehabilitation	\$ 200,000				D	D	D	D	B&A	C
32244L	Plant 2 Primary Clarifier Condition Assessment	\$ 50,000					CA				
32243C	SCADA Server Replacement	\$ 200,000									
PC 5 - San Juan Creek Ocean Outfall											
36241O	SJCOO Outfall Ballast Repairs	\$ 250,000			P	P	D	D	D	B&A	C
PC 15 - Coastal Treatment Plant											
3541	Export Sludge Environmental Mitigation	\$ -	Mitigation work ongoing	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV
35228L	Aeration Diffuser Replacement	\$ 1,250,000	Diffusers delivered	B&A	C	C	C				
3525	Personnel Building Reconstruction	\$ 400,000	Design underway	D	D	B&A	C	C			
35221L	Auxiliary Blower Building Roof	\$ 50,000			B&A	C	C				
3522AL	Drainage Pump Station	\$ 200,000	Conceptual design underway	D	D	D	D	D	D	B&A	C
35235L	Odor Control Scrubber Improvements	\$ 100,000			D	D	D				
35245L	Aeration Deck Grating Replacement	\$ 50,000			D	D	B&A	C	C		
35246L	West Primary Sludge Skimmers and Launderers/Weirs	\$ 150,000			D	D	D	B&A	C	C	C
35247L	Aeration Blower System Upgrades	\$ 75,000			P	P					
35248L	AWMA Road Repairs	\$ 200,000			P	B&A	C	C			
35249L	SCADA Server Replacement	\$ 200,000									

SOCWA CIP Workplan

Project Number	Project Name	FY 24 Budget	Status	FY 2023/2024				FY 2024/2025			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 17 - Regional Treatment Plant											
3742	Aeration System Upgrades	\$ -			P	P					
37241L	Grit/Primary Grating/Gate Replacement	\$ 150,000			D	B&A	C	C	C		
37242L	Aeration Influent/Effluent Gate Replacement	\$ 100,000			D	D	B&A	C	C	C	
37244C	MCC Replacement/Power System Improvements	\$ 200,000			P	D	D	D	D	D	D
37245S	Digester Gas System Improvements	\$ 200,000				D	D	D	B&A	C	C
37246S	Digester 1 Piping Replacement	\$ 250,000				D	D	D	B&A	C	C
37247S	Odor Scrubber 1 Replacement	\$ 15,000				P	P				
37243C	SCADA Server Replacement	\$ 200,000									
PC 21 - Effluent Transmission Main											
3105/3106	Air Valve Replacement (D&E)	\$ 75,000	Design underway	D	D	B&A	C	C			
3101	Trail Bridge Crossing (D)	\$ 150,000	Planning/design underway	P	P	P	P				
PC 24 - Aliso Creek Ocean Outfall											
3480	Internal Seal Replacement	\$ 250,000		C	C						
34241O	ACOO Outfall Ballast Repairs	\$ 250,000			P	P	D	D	D	B&A	C

P	Planning
CA	Condition Assessment
ENV	Environmental/Permitting
D	Design
B&A	Bidding and Award
C	Construction

Note: Projects with zero budget had funds collected in a prior fiscal year.

Agenda Item

5.E.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: David Baranowski, Director of Engineering

SUBJECT: Capital Improvement Construction Projects Progress and Change Order Report (*August*) [Project Committee Nos. 2, 15, 17, & 24]

Overview

Attached are the updated CIP reports for active construction projects. Please note that there are no new change orders.

Project Updates

JBL Package B:

Construction is complete. Staff continue to work with the Construction Management team to close out all outstanding items.

JBL Admin Building Roofing Replacement:

The project is complete.

CTP AWMA Road Guardrail Replacement:

The contract has been awarded, and the staff is working with the contractor to schedule the work. We expect the project to be complete by the end of September.

ACOO Internal Seal Replacement:

The contract has been awarded, and staff is working with the contractor to schedule the work.

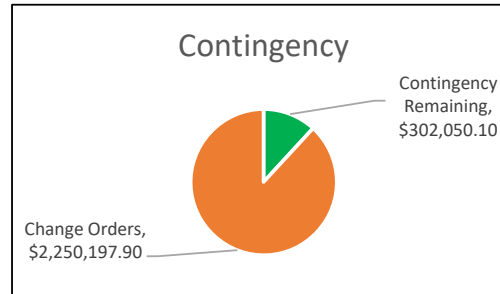
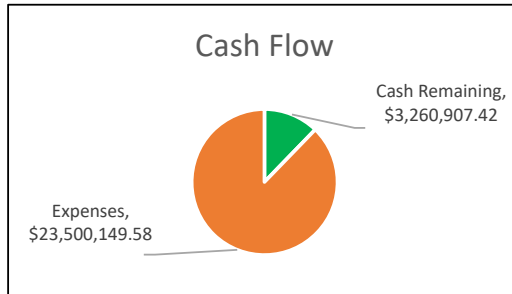
Recommended Action: Information Item.

Project Financial Status

Project Committee	2
Project Name	Package B
Project Description	Plant 1 basin repairs, DAF rehabilitation, Energy Building seismic retrofit and minor rehabilitation, Digester 4 rehabilitation

Data Last Updated

July 31, 2023



Cash Flow

Collected	\$ 26,761,057.00
Expenses	\$ 23,500,149.58

Project Completion

Schedule	100%
Budget	99%

Contracts

Company	PO No.	Original	Change Orders*	Amendments	Total	Invoiced
Olsson	13497	\$ 17,325,000.00	\$ 1,301,867.89		\$ 18,626,867.89	\$ 18,626,868.23
Butier	13647	\$ 895,727.00		\$ 1,005,251.00	\$ 1,900,978.00	\$ 1,897,214.50
Carollo	13616	\$ 846,528.00		\$ 616,037.00	\$ 1,462,565.00	\$ 1,374,609.27
TetraTech	13605	\$ 94,000.00		\$ -	\$ 94,000.00	\$ 93,884.70
Ninyo & Moore	14279	\$ 49,399.00		\$ 30,000.00	\$ 79,399.00	\$ 50,166.27
ADS Environmental	16452	\$ 107,200.00	\$ -		\$ 107,200.00	\$ 61,875.00
Dudek	17401	\$ 48,360.00		\$ -	\$ 48,360.00	\$ 41,230.00
		\$ 19,366,214.00	\$ 1,301,867.89	\$ 1,651,288.00	\$ 22,319,369.89	\$ 22,145,847.97

*Values include change orders to be reviewed by Engineering Committee and deductive change orders

Contingency

Area	Project Code	Amount **	Change Orders^	Total Remaining	Percent Used
Liquids	3220-000	\$ 969,679.00	\$ 868,639.46	\$ 101,039.54	89.6%
Common	3231-000	\$ 38,120.00	\$ 3,305.76	\$ 34,814.24	8.7%
Solids	3287-000	\$ 1,544,449.00	\$ 1,378,252.68	\$ 166,196.32	89.2%
		\$ 2,552,248.00	\$ 2,250,197.90	\$ 302,050.10	88.2%

** Amount reflects contingency for Construction Contracts only

Summary of New Change Orders

Change Order No	MNWD	SCWD	SMWD	\$ Amount
Grand Total				

Change Orders and Amendments

Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
Approved by Board of Directors					191	\$ 1,318,583.14
1	Olsson	3287-000	Addition of Loop Piping to the Existing Hot Water Lines Adjacent to Digester 3	12/12/2019	0	\$ 4,725.00
2	Olsson	3287-000	Asbestos Gaskets in Boiler hazardous disposal	6/4/2020	0	\$ 6,343.10
3	Olsson	3287-000	Add Analog Infrastructure and Cabling	6/4/2020	11	\$ 37,969.60
4	Olsson	3287-000	Digester 4 Coating Additional Sealant	6/4/2020	3	\$ 24,001.54
5	Olsson	3220-000	Valve Handwheel Ergonomic extension	8/6/2020	28	\$ 16,370.30
6	Olsson	3287-000	Change to DeZurik Plug Valves to match existing	8/6/2020	90	\$ 41,993.87
7	Olsson	3287-000	Digester 4 Additional Concrete Repair	8/6/2020	3	\$ 7,412.74
8	Olsson	3287-000	Repair Existing Damaged Electrical Box	8/6/2020	0	\$ (1,829.00)
9	Olsson	3220-000	Change the Telescoping Valve Boxes and Piping from Carbon Steel to Stainless Steel	8/6/2020	0	\$ 18,677.63

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
10	Olsson	3287-000	Duct bank J Interferences	12/17/2020	18	\$ 73,639.42
11	Olsson	3220-000	Blasting of Existing Influent Pipe Spools	12/17/2020	5	\$ 20,868.52
12	Olsson	3220-000	Duct bank K Interferences	12/17/2020	0	\$ 15,567.08
13	Olsson	3287-000	Digester 3/4 PLC Relocation	12/17/2020	14	\$ 41,367.51
14	Olsson	3287-000	Digester 4 Additional Tank Repair	12/17/2020	18	\$ 33,642.75
15	Olsson	3220-000	Duct bank O Interferences	12/17/2020	0	\$ 1,686.88
16	Olsson	3287-000	Digester 3/4 Control Building Roof Replacement	2/4/2021	0	\$ 42,780.00
17	Olsson	3287-000	MCC-D1 Modifications due to Change in Motor Size	5/6/2021	0	\$ 34,392.02
18	Olsson	3287-000	Integrator Additional Site Visits	5/6/2021	0	\$ 7,571.97
19	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	6/3/2021	0	\$ 29,417.20
20	Olsson	3220-000	Overhead Walkway Removal at Plant 1 Secondary Basins 5 through 9	6/3/2021	0	\$ 62,113.50
21	Olsson	3287-000	Cogeneration PLC Modifications and Integration	6/3/2021	0	\$ 42,922.67
22	Olsson	3220-000	Plant 1 Secondary Basins UV Rated Wear Strips	9/2/2021	0	\$ 28,965.33

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
23	Olsson	3287-000	MCC-F1 Design Change	9/2/2021		\$ 481,290.42
24	Olsson	3287-000	DAF 2 Investigation Work and Inspection Blast	10/7/2021		\$ 67,838.71
25	Olsson	3287-000	New Fiber Conduit in West Blower Building	10/7/2021		\$ 4,957.71
26	Olsson	3220-000	Plant 1 Primary Basin Conduit Obstruction	10/7/2021		\$ 8,444.20
27	Olsson	3220-000	Plant 1 Influent Channel Additional Coating between Primary Basins 5 and 6	10/7/2021		\$ 15,469.98
28	Olsson	3287-000	MCC-F1 Lighting Changes	10/7/2021		\$ 7,843.04
29	Olsson	3287-000	Digester 3 Ground Rod	10/14/2021		\$ 7,269.16
30	Olsson	3220-000	New Fiber Conduits at East Electrical and Storm Water Buildings	10/14/2021		\$ 8,045.43
31	Olsson	3220-000	Plant 2 Primary Influent Channel Repair Credit	12/9/2021		\$ (15,903.00)
32	Olsson	3220-000	Plant 1 and 2 Telescoping Valve Pipe Supports	12/9/2021		\$ 6,132.27
33	Olsson	3287-000	4" Gas Line Routing Modifications	12/9/2021		\$ 18,146.07
34	Olsson	3287-000	Gas Mixer Conduit Conflict	12/9/2021		\$ 12,383.89
35	Olsson	3220-000	P1 Primary Tanks 5 and 6 Temporary Power	3/10/2022		\$ 7,256.05

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
36	Olsson	3220-000	P1 Primary Tanks Skimmers Starter Modification	3/10/2022		\$ 45,374.13
37	Olsson	3220-000	P1 Primary Tanks Hopper Wall Coating	3/10/2022		\$ 34,505.41
38	Olsson	3220-000	P1 Effluent Channel Conduit Conflict	3/10/2022		\$ 9,274.98
39	Olsson	3220-000	P1 Primary Tanks Torque Limit Switch	3/10/2022		\$ 7,149.86
40	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	3/10/2022		\$ (2,309.09)
41	Olsson	3287-000	DAFT 2 Repair	3/10/2022		\$ 59,403.53
42	Olsson	3287-000	Digesters 1 and 2 Heat Exchanger Layout Reconfiguration Electrical	6/2/2022	1	\$ 12,885.18
43	Olsson	3287-000	Digester 3 Heat Exchanger Hot Water Loop Tie-In	6/2/2022		\$ 2,774.58
44	Olsson	3220-000	Plant 1 Primary Basin 1 Shutdown Repair Work	6/2/2022		\$ 1,009.86
45	Olsson	3287-000	Replace Compressor Line and Valve at Digester 4	6/2/2022		\$ 10,762.85
46	Olsson	3220-000	Plant 2 Influent Gates Removal and Concrete Demo	6/2/2022		\$ 5,389.66
47	Olsson	3287-000	DAFT 2 Launder Support Detail	6/9/2022		\$ 45,682.30
48	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Coating Removal	6/9/2022		\$ 111,101.16

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
49	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Existing Equipment Removal and Reinstallation	6/9/2022		\$ 71,864.17
50	Olsson	3287-000	Digester Mixing Pumps Control Programming Change	8/4/2022		\$ 4,397.77
51	Olsson	3220-000	Plant 1 Primary Basins Skimmers I/O Connection and Programming Change	8/4/2022		\$ 14,237.83
52	Olsson	3287-000	Fiber Patch Cables to Connect the Centrifuge PLC to the Centrifuge Patch Panel	8/4/2022		\$ 3,755.90
53	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Coating Removal	8/4/2022		\$ 43,222.24
54	Olsson	3220-000	Plant 1 Secondary Basins Concrete Structural and Basins 2 and 3 Drive Plate Rework	8/4/2022		\$ 20,860.16
55	Olsson	3220-000	Plant 2 Primary Basins Repair and Rehab of Head-Shaft Bearings	8/4/2022		\$ 4,618.44
56	Olsson	3231-000	Board SOCWA Front Office with Plywood to Cover Windows	8/4/2022		\$ 3,305.76

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
57	Olsson	3220-000	Seal the Openings at Plant 1 Primary Influent and Effluent Channels	8/4/2022		\$ 25,491.03
58	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Existing Equipment Removal and Reinstallation	9/1/2022		\$ 26,498.32
59	Olsson	3220-000	Plant 1 Secondary Basins Existing Embedded Metal Plates	9/1/2022		\$ 4,290.48
60	Olsson	3220-000	Plant 2 Primary Baffle Frame Replacement	9/1/2022		\$ 18,291.57
61	Olsson	3287-000	Digester hatch connection, temperature guage adjustment, and potholing	11/3/2022		\$ 9,971.62
62	Olsson	3220-000	Plant 1 Primary and Secondary Basins crack injection, concrete repair, channel cleaning, solids removal	11/3/2022		\$ 146,734.55
63	Olsson	3287-000	Boiler Room Modifications	12/8/2022		\$ 14,797.83
64	Olsson	3287-000	DAFT 1 Repair	12/8/2022		\$ 66,992.33
65	Olsson	3220-000	Secondary Clarifier Telescoping Valve Modifications (Design Error)	12/8/2022		\$ 32,709.94
66	Olsson	3287-000	Digester Control Buildings Modifications	2/2/2023		\$ 9,746.81

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
67	Olsson	3220-000	Plant 1 and 2 Field Obstructions	2/2/2023		\$ 8,871.74
68	Olsson	3287-000	MCC-F1 Site Modifications	2/2/2023		\$ 57,233.12
69	Olsson	3287-000	DAFT and TWAS area additional slab modification and piping material change	2/2/2023		\$ 19,368.58
70	Olsson	3287-000	DAFT 1 Area Reconfiguration	3/2/2023		\$ 3,046.43
71	Olsson	3287-000	Digester 2 Hot Water Loop Change	3/2/2023		\$ 29,525.46
72	Olsson	3220-000	Plant 1 Seal Influent Channel Openings and Helical Drives Temporary Covers	4/6/2023		\$ 10,831.51
Deduct-Common	Olsson	3231-000	Energy Building Monorail System Descope (F1-F4)	8/4/2022		\$ (70,585.34)
Deduct-Liquids	Olsson	3220-000	Effluent Pump Station Descope (A1-A6)	8/4/2022		\$ (483,605.73)
Deduct-Solids	Olsson	3287-000	Energy Building Modifications Descope (G1-G2, & H1-H2)	8/4/2022		\$ (357,382.60)
HAL 01	Hallsten	3220-000	Cover Layout Modifications	8/4/2022		\$ 16,715.25
Approved by Board of Directors (Amendments)						\$ 1,651,288.00
1CM Common	Butier	3231-000	CM Change Order No. 1	7/13/2021		\$ 48,995.00
1CM Liquids	Butier	3220-000	CM Change Order No. 1	7/13/2021		\$ 294,125.00
1CM Solids	Butier	3287-000	CM Change Order No. 1	7/13/2021		\$ 269,595.00
1ESDC Common	Carollo	3231-000	ESDC Change Order No. 1	6/3/2021		\$ 18,210.00
1ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 1	6/3/2021		\$ 109,256.00

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
1ESDC Solids	Carollo	3287-000	ESDC Change Order No. 1	6/3/2021		\$ 100,151.00
1G Common	Ninyo & Moore	3231-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 5,400.00
1G Liquids	Ninyo & Moore	3220-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
1G Solids	Ninyo & Moore	3287-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
2CM Liquids	Butier	3220-000	CM Change Order No 2	5/12/2022		\$ 196,268.00
2CM Solids	Butier	3287-000	CM Change Order No. 2	5/12/2022		\$ 196,268.00
2ESDC Common	Carollo	3231-000	ESDC Change Order No. 2	12/9/2021		\$ 11,075.00
2ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 2	12/9/2021		\$ 196,440.00
2ESDC Solids	Carollo	3287-000	ESDC Change Order No. 2	12/9/2021		\$ 180,905.00
Potential Change					0	\$ 514,198.72
PCO 005	Olsson	3287-000	TWAS Slab Modifications	8/10/2023	0	\$ 75,180.19
PCO 018	Olsson	3287-000	Electrical Potholing for Ductbank Conflicts	8/10/2023	0	\$ 147,333.65
PCO 038	Olsson	3287-000	Existing Valves at Digester 4 Heat Exchanger	8/10/2023	0	\$ 1,633.45
PCO 054	Olsson	3220-000	Plant 1 Primary Effluent Channel Wall Corrosion	8/10/2023	0	\$ 6,877.38
PCO 058	Olsson	3220-000	Aluminum Kickplate at Aeration Basins	8/10/2023	0	\$ 66,617.84
PCO 061	Olsson	3220-000	Steel Plate Coating and Blasting Extra Work	8/10/2023	0	\$ 26,011.51
PCO 068	Olsson	3287-000	Chopper Pump Impeller Issues	8/10/2023	0	\$ 405.11

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
PCO 072	Olsson	3287-000	Existing Conflicts at DAFT 2 Stairs	8/10/2023	0	\$ 183.37
PCO 075	Olsson	3220-000	Bypass Pumping Plan Issues	8/10/2023	0	\$ 82,602.06
PCO 083	Olsson	3220-000	Replacing the P1 Head Shaft Plate	8/10/2023	0	\$ 21,828.73
PCO 095	Olsson	3287-000	Foul Air Rerouting at DAFT 2	8/10/2023	0	\$ 2,201.62
PCO 098	Olsson	3220-000	Bypass Pumping Plan Issues	8/10/2023	0	\$ 112,458.59
PCO 106	Olsson	3287-000	DAFT 2 Isolation Valve	8/10/2023	0	\$ 660.19
PCO 109	Olsson	3220-000	P1P Influent Channel Scum Gate Openings	8/10/2023	0	\$ 7,485.69
PCO 152	Olsson	3231-000	Lab Building Footing Demolition	8/10/2023	0	\$ 6,537.01
PCO 154	Olsson	3287-000	Delete Hysafe A Frame Structure	8/10/2023	0	\$ (18,133.38)
PCO 155	Olsson	3287-000	Delete Digester 1 and 2 Coated Foam Roofing	8/10/2023	0	\$ (60,018.62)
PCO 156	Olsson	3287-000	DAFT 2 Sludge Pump Investigation Work	8/10/2023	0	\$ 2,949.48
PCO 157	Olsson	3220-000	Plant 1 Primary Influent Gates and Concrete Demolition	8/10/2023	0	\$ 2,857.86
PCO 158	Olsson	3287-000	DAFT water pipe relocation	8/10/2023	0	\$ 4,440.75
PCO 159	Olsson	3220-000	Plant 2 Influent Channel ledger changes	8/10/2023	0	\$ 5,127.14
PCO 160	Olsson	3287-000	DAFT 2 buried obstructions	8/10/2023	0	\$ 2,141.75
PCO 161	Olsson	3220-000	Plant 2 Primary Headshaft Replacement	8/10/2023	0	\$ 12,268.07
PCO 162	Olsson	3287-000	Digester 1/2 Control Building Ceiling Demo	8/10/2023	0	\$ 1,798.04

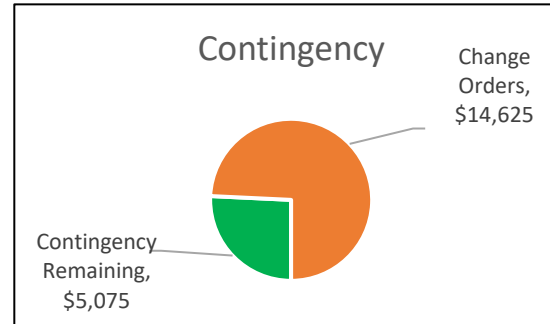
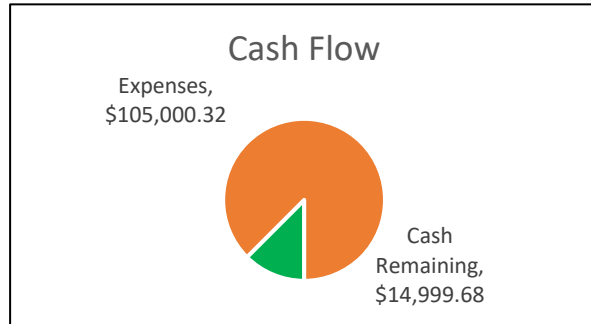
<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
PCO 163	Olsson	3220-000	Demo and Cleanup Plant 1 Secondary Basin 3	8/10/2023	0	\$ 1,969.66
PCO 164	Olsson	3220-000	Plant 2 Secondary Valve Hardware Replacement	8/10/2023	0	\$ 781.58
Grand Total					191	\$ 3,484,069.86

Project Financial Status

Project Committee	2
Project Name	JBL Admin Building Roofing Reconstruction
Project Description	Replace the roofing on the JBL Admin building

Data Last Updated

July 31, 2023



Cash Flow

Collected	\$ 120,000.00
Expenses	\$ 105,000.32

Project Completion

Schedule	90%
Budget	100%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
A. Preman Roofing	18827	\$ 93,985.00	\$ 14,624.97		\$ 108,609.97	\$ 108,559.30
					\$ -	\$ -
		\$ 93,985.00	\$ 14,624.97	\$ -	\$ 108,609.97	\$ 108,559.30

**Values include change orders to be reviewed by Engineering Committee and deductive change orders*

Construction Contingency

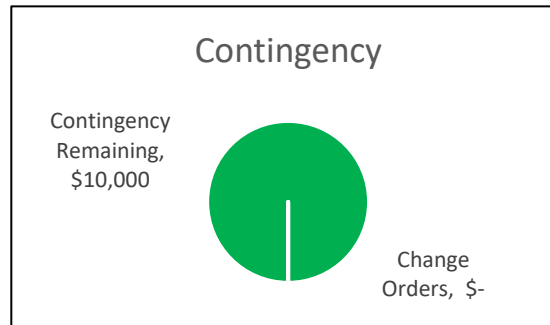
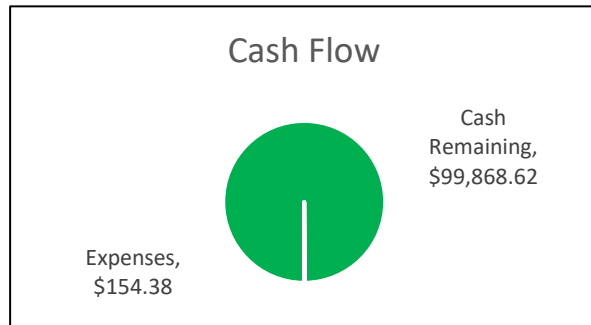
Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Common	32232C-000	\$ 19,700.00	\$ 14,624.97	\$ 5,075.03	74.2%
		\$ 19,700.00	\$ 14,624.97	\$ 5,075.03	74.2%

Project Financial Status

Project Committee	15
Project Name	CTP AWMA Road Guardrail Replacement
Project Description	Replacing 510 linear feet of damaged guardrail along AWMA Road to CTP

Data Last Updated

July 31, 2023



Cash Flow

Collected	\$ 100,023.00
Expenses	\$ 154.38

Project Completion

Schedule	64%
Budget	0%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
Danny C. Hubbs	18886	\$ 48,770.00			\$ 48,770.00	\$ -
					\$ -	\$ -
		\$ 48,770.00	\$ -	\$ -	\$ 48,770.00	\$ -

**Values include change orders to be reviewed by Engineering Committee and deductive change orders*

Construction Contingency

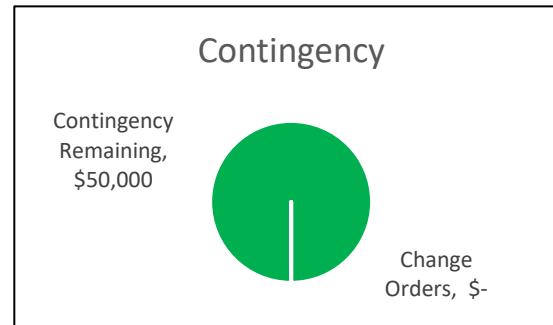
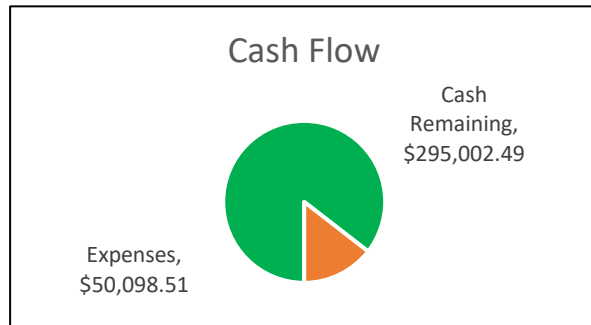
Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3528-000	\$ 10,000.00	\$ -	\$ 10,000.00	0.0%
		\$ 10,000.00	\$ -	\$ 10,000.00	0.0%

Project Financial Status

Project Committee	24
Project Name	Aliso Creek Ocean Outfall Internal Seal Replacement
Project Description	Replacing 5 seals on the interior of the outfall

Data Last Updated

July 31, 2023



Cash Flow

Collected	\$ 345,101.00
Expenses	\$ 50,098.51

Project Completion

Schedule	14%
Budget	5%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
J.F. Brennan Compan	19185	\$ 261,753.00			\$ 261,753.00	\$ -
Black & Veatch	18544	\$ 75,310.00			\$ 75,310.00	\$ 17,612.50
		\$ 337,063.00	\$ -	\$ -	\$ 337,063.00	\$ 17,612.50

**Values include change orders to be reviewed by Engineering Committee and deductive change orders*

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Outfall	3480-000	\$ 50,000.00	\$ -	\$ 50,000.00	0.0%
		\$ 50,000.00	\$ -	\$ 50,000.00	0.0%

Agenda Item

5.F.

Budgeted: Yes

Budget amount: \$81,604

Line Items: 05-5044-02 & 24-5044-02

Legal Counsel Review: No

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Amber Baylor, Director of Environmental Compliance

SUBJECT: 2023-2025 Region IX Kelp Survey Consortium
[Project Committees 5 & 24]

Summary

SOCWA has been participating in the Region IX Kelp Survey Consortium (Consortium) as a required NPDES permit condition along with The City of San Diego, US International Boundary and Water Commission [via City of San Diego], Encina Wastewater Authority, City of Escondido, Genentech, San Elijo Joint Powers Authority, City of Oceanside, SCE San Onofre Nuclear Generating Station, Fallbrook Public Utility District, Poseidon Channel side (for the Carlsbad Desalination Facility), and the Marine Corps Base Camp Pendleton.

Discussion

Since 1983, the surface area of coastal kelp beds within the jurisdiction of the San Diego Regional Water Quality Control Board has been monitored by aerial photography on a quarterly basis for the Region Nine Kelp Survey Consortium (Consortium). MBC Applied Environmental Sciences (MBC) has facilitated or conducted these surveys for the past two decades and proposes to continue the kelp bed monitoring for the Consortium for the FY2023–24 and FY2024-25 surveys, including:

- Preparing quarterly progress reports;
- Preparing a summary table of results for Calendar Year 2023 to be produced in 2024 as part of an Interim Report;
- Preparing a final Biennial “Status of the Kelp Beds” report (for Calendar Years 2023 and 2024) to be produced and presented at the Biennial Meeting in 2025.

The total cost of the program for overflight monitoring with all permitted entities is \$124,676, which is split over a two-year basis between six participating entities. SOCWA’s cost is \$20,779.34, or \$10,389.67 in each of the next two years. The Consortium successfully negotiated with regulators not having to pair vessel surveys with flight data, which resulted in a cost savings of ~\$30,000 for the program. This decision was due in part to a long history of matching data and the observation that the data is duplicative.

Prior Related Project Committee or Board Action(s)

December 2021 – Approved a two-year contract for \$13,727.00.

Fiscal Impact

Each Consortium member's share for FY2023-24 is \$10,389.67, and FY2024-25 is \$10,389.67. This is further split to \$5,194.84 per year per outfall (PC5 and PC24).

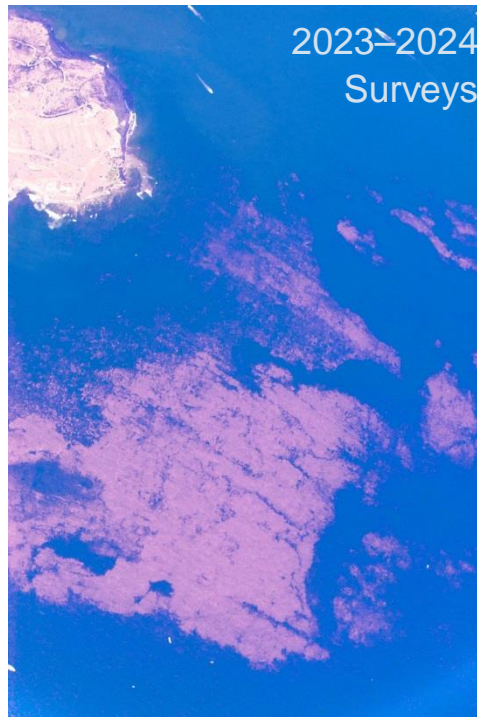
PC5-SCJOO	Total	Ownership Allocation
CSC	\$1,724.69	16.60%
MNWD	\$1,610.40	15.50%
SCWD	\$1,298.71	12.50%
SMWD	\$5,755.88	55.40%
Subtotal	\$10,389.67	100.00%

PC24-ACOO	Total	Ownership Allocation
CLB	\$1,142.86	11.00%
EBSD	\$83.12	0.80%
ETWD	\$3,335.08	32.10%
MNWD	\$4,550.68	43.80%
SCWD	\$1,277.93	12.30%
Subtotal	\$10,389.67	100.00%

Agency Totals	Total
CLB	\$1,142.86
CSC	\$1,724.69
EBSD	\$83.12
ETWD	\$3,335.08
MNWD	\$6,161.07
SCWD	\$2,576.64
SMWD	\$5,755.88
Total	\$20,779.34

Recommended Action: Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to enter into the Region IX Kelp Survey Consortium 2023-2025 contract with MBC Aquatic Sciences in the amount of \$20,779.34.

REGION IX KELP SURVEY CONSORTIUM



Prepared for:

Region IX Kelp Survey Consortium
Orange and San Diego Counties

Prepared by:

MBC Aquatic Sciences
3000 Red Hill Avenue
Costa Mesa, California 92626

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INTRODUCTION

Coastal kelp beds are an important marine resource for the State of California. Kelp beds are sensitive to changes in water quality, to high water temperatures experienced during El Niño years, and to water clarity changes due to terrestrial runoff or the offshore discharge of waste waters. Since 1983, the surface area of coastal kelp beds within the jurisdiction of the San Diego Regional Water Quality Control Board has been monitored by aerial photography on a quarterly basis for the Region Nine Kelp Survey Consortium (RNKSC or Consortium). MBC Applied Environmental Sciences (MBC) has facilitated or conducted these surveys for the past two decades and proposes to continue the kelp bed monitoring for the RNKSC for the 2023–2024 and 2024–2025 surveys, including production of quarterly progress reports, a summary table of results for calendar year 2023 to be produced in 2024 as part of an Interim Report, a final Biennial “Status of the Kelp Beds” report (for calendar years 2023 and 2024) to be produced in 2025, and presentation of the 2023/2024 results to the Consortium at a biennial meeting in 2025.

SCOPE OF WORK

Aerial Overflights

Direct downward-looking photographs of the kelp beds will be taken from an aircraft modified to facilitate aerial photography. MBC will conduct quarterly overflights of the coastline for the RNKSC from the Newport Harbor mouth, Orange County to the USA/Mexico Border in San Diego County. The contract will cover the period from 1 September 2023 to 31 December 2025 and is anticipated to include four aerial surveys per year for the project. The overflights will be targeted for September and December 2023, March, June, September, and December 2024, and March and June 2025, and will be completed (weather permitting) as close to quarterly as possible.

Due to prevailing weather conditions, it is not always possible to conduct the aerial surveys in the targeted month, and at times, multiple attempts are necessary to conduct four successful flights. All pertinent conditions for a successful flight are considered prior to any survey. These include tidal conditions, swell height, time of day, and a pre-flight weather report to determine whether cloud conditions are likely to be optimum during the survey. Each flight or attempted flight will be documented as to the date and the reason why the flight needed to be cancelled. During each overflight digital color and color infrared photographs of kelp beds and contiguous coastline will be taken. Aerial flight data and overflight photos of the kelp beds will be provided in a catalogued binder with references on each slide to the approximate position on accompanying base maps.

Data Reduction

Ranking. All photographs will be reviewed after each overflight and the surface area of the canopy of each kelp bed ranked in size by comparison to historical bed size (excluding El Niño and La Niña periods). The estimated ranking scores will range from 0 for no kelp, 0.5 for minimal kelp, 1 for well below average kelp, 1.5 for somewhat below average kelp, 2 for below average kelp, 2.5 for average kelp, 3 for above average kelp, 3.5 for somewhat above average kelp, and 4 for well above average kelp. These rankings allow the archiving of the quarterly survey slides for later retrieval and assembly of a digitized photo-mosaic of each kelp bed that represents the greatest areal extent for the year. Individual beds in the composite will be selected for detailed evaluation and the surface area of all visible kelp canopies in each distinct kelp bed (as designated by the Consortium) will be calculated.

Photo-Mosaics. During each survey, a continuous series of downward-looking photographs will be taken with a digital infrared and color camera. All color and infrared photos will be taken using a Nikon D200 (or comparable) high-resolution digital camera and will be provided electronically to the Consortium in “jpeg” format. The photos from one of the four surveys conducted in each calendar year that show the greatest areal coverage will be digitally assembled into a composite photo-mosaic that will provide a regional view of whole kelp bed areas. The photographs that illustrate the greatest canopy coverage will be composited and a photo-

mosaic constructed using GIS (ArcGIS 10.1) to geo-reference them into the California Department of Fish and Wildlife shape file. Each photo will be geo-referenced to at least three prominent features on the map and converted to UTM or other acceptable coordinate system and then converted to a geo-referenced jpeg. The kelp beds will be extracted using the image classification function and layered onto standard base maps to facilitate interannual comparisons. The resulting polygons will be digitally superimposed on base maps, and the canopy area determined using ArcGIS 10.1.

Reporting

Progress Reports. A brief quarterly report will be prepared that describes the work accomplished or attempted during each quarter. The quarterly reports will be due one month following the receipt of each quarter's scheduled flight report. The quarterly reports will be distributed to the RNKSC chair for distribution to other Consortium members. The MBC project manager will notify the RNKSC chair as soon as possible if any quarterly survey cannot be conducted due to adverse weather conditions, etc.

Summary of 2023 Results. An interim report ("mini-report") will be prepared in 2024, to include a summary table containing the calculated canopy coverage in 2023 for each of the 24 designated RNKSC kelp beds, as well as a comparison to the canopy coverage results from 2022, size of each kelp bed in 2023 as percentage of historical maximum, responses to key monitoring questions, presentation of the long-term total kelp canopy coverage for the region, surface water temperatures in 2023, Nutrient Quotient calculations for 2023, and aerial photographs displaying the location of kelp surface canopy for each kelp bed in 2023. A draft version of the interim report will be made available for RNKSC to review by 16 June 2024. The RNKSC will then provide written comments to MBC by 15 July 2024. MBC will review and address all comments, and then revise and produce a final report within three weeks following final approval by the RNKSC, no later than September 15, 2024, for submission to the Regional Board by October 1, 2024.

Report on 2023/2024 Results. A biennial report will be prepared describing the relative health of the kelp beds within the RNKSC study area, based on observed trends in kelp surface area and the biotic and physical factors that may have influenced canopy retention or loss during the intervening period. This "Status of the Kelp Beds of Orange and San Diego Counties" report will cover the four surveys conducted during each calendar year for 2023 and 2024. The size of the kelp bed canopies will be compared with historical records to provide perspective on the southern California kelp beds and the potential influence on the kelp canopies from human-influenced or natural environmental perturbations. The aerial photographs will be available approximately 45 days following each flight. As the results of each flight are reviewed in the month following delivery, it is anticipated that the aerial photographs will be available electronically within 60 days.

The four surveys of 2023 will be reviewed by April 2024 and the four surveys of 2024 will be reviewed by April 2025. A draft version of the complete RNKSC report (e.g., text, tables, figures), including a copy of the text in editable format (i.e., Word), will be made available for RNKSC review by 16 June 2025. The RNKSC will then provide written comments to MBC by 15 July 2025. MBC will review and address all comments, and then revise and produce a final report (Status of the Kelp Beds 2021/2022: Orange and San Diego Counties). Within three weeks of RNKSC approval of the final report, and no later than September 15, 2025 for submission to the Regional Board by October 1, 2025, two hard copies of the final report for the RNKSC (one for the San Diego Regional Water Quality Control Board and one for the Consortium Chair) and 20 electronic versions of the report in PDF for the RNKSC members (including aerial photos and photo-mosaics covering the entire coastline) will be distributed to the RNKSC members.

Annual Meeting

The results from calendar years 2023 and 2024 will be summarized in a PowerPoint presentation for the Consortium. This presentation will be delivered at the Consortium's biennial meeting no later than September 2025. The presentation will cover the methods, results, and a discussion of the results from 2023/2024. Additionally, handouts for attendees summarizing the results will be produced for the Consortium and delivered at this meeting. This presentation may include preliminary results from the first two surveys of 2025, if available.

Project Management

Mr. Michael Lyons, the MBC project manager, will coordinate aerial flights, data reduction, and production of the annual report. He will maintain the technical integrity of the program and interface with the Consortium members to ensure that all elements are conducted in a satisfactory manner.

PROGRESS AND COMPLETION

Services to be provided under the terms of this contract will begin on 1 September 2023 and end on 31 December 2025.

COMPENSATION

Fees for services provided in the Article 2.0, Scope of Services, of this Agreement shall be determined on a Unit Cost basis. The cost for these services is not to exceed \$124,676.00. Each Consortium member's share for the two-year period will be \$10,389.67 (divided equally among all 12 members). Payments for services shall be made in two annual installments: the first billing for \$5,194.84 is expected to occur in September 2023 and the second billing for \$5,194.83 is expected to occur in September 2024. Invoices and supporting documentation will be submitted to each member of the Consortium in advance and payments will be made within thirty (30) days after the date of billing. The distribution is as follows: The (1) City of San Diego, (2) US International Boundary and Water Commission [via City of San Diego], (3) Encina Wastewater Authority, (4) City of Escondido, (5) Genentech, (6) San Elijo Joint Powers Authority, (7) City of Oceanside, (8) SCE San Onofre Nuclear Generating Station, (09) South Orange County Wastewater Authority, (10) Fallbrook Public Utility District, and (11) Poseidon Channelside (for the Carlsbad Desalination Facility) (12) Marine Corps Base Camp Pendleton.

The cost breakdown by project year is as follows:

TASKS	YEAR 1 (2023-24 SURVEYS)	YEAR 2 (2024-25 SURVEYS)
Task 1: Aerial Overflights	\$11,780	\$12,129
Task 2: Data Reduction	\$23,711	\$27,606
Task 3: Graphics Preparation	\$15,277	\$18,884
Task 4: Biennial Report		\$5,623
Task 5: Biennial Meeting		\$2,254
Task 6: Project Management	\$3,600	\$3,812
TOTAL	\$54,368	\$70,308

TERMS AND CONDITIONS

1. Changes in contract rates require the prior written approval of the Consortium. MBC will include with each invoice sufficient information to permit verification thereof by the Consortium. All invoices are due and payable within thirty (30) days of billing date. MBC agrees to maintain standard accounting records for all services under this Agreement.
2. The total project cost shall not exceed the contract amount unless authorized in writing by the Consortium due to a change in scope of services.
3. In the performance of this Agreement, MBC and its employees, agents, and subcontractors shall act as independent contractors, and shall not be deemed to be nor shall they represent themselves to be employees or agents of the Consortium or any of its affiliates.
4. All books, records, maps, tables, charts, drawings, reports, and other data prepared, compiled, or obtained by MBC in connection with the performance of services shall be made available upon request to the Consortium while such services are being performed.
5. MBC agrees to keep confidential any and all information concerning the plans, operations, or activities of the Consortium or its affiliates which may be divulged to MBC by any source in the course of the performance of MBC's services and which is not otherwise public information, except when specifically cleared for release by the Consortium.
6. If conditions beyond the control of MBC necessitate a change of services hereunder after performance has commenced, the changes may be integrated into a new agreement as the parties may then agree. Any such changes in scope of services shall be made only upon prior written consent of the Consortium.
7. The Consortium, by 30 days prior notice in writing, may terminate performance by MBC of all or any part of the work. In the event of termination, MBC may expend that additional time necessary to assemble work in progress for the proper filing and closure of the job. The charges for the additional time shall not exceed 10 percent (10%) of the total charges expended by MBC on the performance of that part of the work terminated at and to the date of notice.
8. This Agreement shall be governed by and constructed in accordance with the laws of the State of California.
9. All notices, consents, waivers, modifications, and other communications under this Agreement shall be in writing.
10. MBC shall carry comprehensive General Liability Insurance in limits of not less than \$1,000,000 Combined Single Limit covering third party personal injury and property damage.
11. MBC shall carry Statutory Workers' Compensation and Employers' Liability as prescribed by law, including Longshoreman's and Harbor Workers' Compensation Act.
12. MBC will require all other subcontractors, if any, to obtain, maintain and keep in force during the time in which they are engaged in performing any work hereunder insurance coverage meeting the foregoing requirements and shall furnish the Consortium, upon request, acceptable evidence of such insurance.

MBC Aquatic Sciences

San Diego Region Nine Kelp Consortium

By:  _____

D. Shane Beck, President

By: _____

Date: 26 August 2023

Date: _____

Agenda Item

5.G.

Budgeted: Yes
Budget amount: \$22,400
Line Items: 01-6300-05-00-00
Legal Counsel Review: No
Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Matt Clarke, IT Administrator & Amber Baylor, Director of Environmental Compliance

SUBJECT: Annual Renewal of IBM MaaS360 – Mobile Device Management Subscription

Summary

The renewal pertains to IBM MaaS360. Bird Rock is the distributor that provides these services. The contract with IBM is procured through the Government Services Agency (GSA), a national entity. The GSA competitively sources this contract through a bidding process.

MaaS360 is a Mobile Device Management (MDM) tool used to secure and oversee our various mobile devices, including Android, Apple, and Google Pixel. This application offers a platform to set security policies for these devices and facilitates remote erasure in cases where devices are lost, stolen, or compromised. Furthermore, it enables the distribution of corporate apps to SOCWA's company mobile devices.

MaaS360 expiration would expose all SOCWA's mobile devices to potential cyberattacks.

SOCWA's Uniform Procurement & Purchasing Policy (UPPP) Section 7.B specifies that software license renewals are a case of Limited Source & Single Source Purchasing but are subject to limits of the General Manager's approval authority of \$50,000 for serial purchases. This serial purchase with this annual renewal of \$7,351 will be \$55,397.70.

Fiscal Impact None

Recommended Action: Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to renew the annual IBM MaaS360 Premier Suite (SaaS) subscription via Bird Rock for \$7,351.00.

Agenda Item

5.H.

Budgeted: Yes
Budget amount: \$129,000
Line Items: PC 2 5019
Legal Counsel Review: No
Meeting Date: September 7, 2023

TO: PC 2 Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Amber Baylor, Director of Environmental Compliance

SUBJECT: ADS Flow Monitoring Services Contract Award [Project Committee 2]

Summary

The contract for flow monitoring services provided by ADS Environmental Services expires on September 30, 2023. SOCWA received a proposal to continue the service for an additional two years. The proposal is attached.

Discussion/Analysis

ADS Environmental Services provides sewershed monitoring in the SOCWA service area. ADS Environmental Services provides calibrated flow monitoring services for billing purposes for the San Juan Creek and the Oso-Trabuco sewer lines entering the SOCWA service facilities. These services include supplied flow monitoring equipment, an online cloud-based monitoring module with real-time data, sewer manhole investigations annually to ensure the sewer flows are being accurately captured, and as-needed calibrations when flow monitoring begins to drift.

Prior Related Project Committee or Board Action(s)

December 2021 – The SOCWA Board authorized a contract with ADS not to exceed \$50,000 per Fiscal Year over a two-year period.

Fiscal Impact

None.

Recommended Action: Staff recommends that the PC 2 Board authorize the Acting General Manager/Director of Operations to execute a two-year contract with ADS Environmental Services in the amount not to exceed \$100,000.

Agenda Item

5.I.

Budgeted: Yes
Budget amount: \$161,382
Line Items: 01-6302-05-00-00
Legal Counsel Review: No
Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Jeanette Cotinola, Procurement/Contracts Manager

SUBJECT: Annual Renewal of Planet Bids Procurement Hosting Services
Subscription

Summary

SOCWA uses Planet Bids procurement hosting services to broadcast requests for proposals (RFP) and notices inviting bids (NIB) to potential vendors interested in proposing contracts at SOCWA. Staff requests the Board approve the annual renewal for \$13,378.00.

Discussion/Analysis

This service is essential to ensuring competitive bidding and pricing at SOCWA. It also helps ensure that SOCWA complies with the various statutes and regulations for procurement activities in California. Finally, Planet Bids provides SOCWA staff access to PlanetBid's entire library of past and ongoing procurement documents for all the PlanetBid subscribers to expedite SOCWA's efforts to prepare new RFPs and NIBs.

The renewal will be in the form of a new Purchase Order for \$13,378.00.

SOCWA's Uniform Procurement & Purchasing Policy (UPPP) Section 7.B. specifies that software license renewals are a case of Limited Source & Single Source Purchasing but are subject to limits of the General Manager's approval authority of \$50,000 for serial purchases. This serial purchase with this annual renewal of \$13,378.00 will be \$104,623.64.

Fiscal Impact None

Recommended Action: Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to renew the annual hosted services subscription with Planet Bids for \$13,378.00.

Agenda Item

5.J.

Legal Counsel Review: No
Budget amount: \$244,000
Line Item: PC 2 and 17 - Line Items 5019
Meeting Date: September 7, 2023

TO: PC 2 & PC 17 Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Jeanette Cotinola, Procurement/Contracts Manager

SUBJECT: Pacific West Patrol Contract Renewal for Security Services
[Project Committees 2 and 17]

Summary

SOCWA uses Pacific West Patrol (PWP) to randomly patrol the JBL (PC 2) and RTP (PC 17) Treatment Plants because they are in urban areas and periodically experience unauthorized visitors after hours. PWP will also call in staff for water leaks, noisy equipment, etc., that occur after hours. SOCWA staff requests the Board approve a 1-year contract for \$18,000 for security patrol services.

Discussion/Analysis

This service is essential to the security of the JBL and RTP Treatment Plants. It also helps ensure that unauthorized visitors do not damage the facilities or harm themselves after hours. There are usually about 10 after-hour incidents per year. They involve cars parked illegally at plant entrances and the removal of vagrants. SOCWA staff recommends continuing the patrol services with Pacific West Patrol because they have effectively maintained a security presence and quickly addressed unauthorized visitors.

The renewal will be in the form of a new Purchase Order for \$18,000.

SOCWA's Uniform Procurement & Purchasing Policy (UPPP) Section 7.B specifies that software license renewals are a case of Limited Source & Single Source Purchasing but are subject to limits of the General Manager's approval authority of \$50,000 for serial purchases. This serial purchase with this annual renewal of \$18,000 will be \$154,600.

Prior Related Project Committee or Board Action(s)

None

Fiscal Impact

The allocations of this amendment by member agency are shown below for each Project Committee and Project Committee member agency:

PC	Contract
PC2-JBL	\$9,000.00
PC17-RTP	\$9,000.00
Total	\$18,000.00

	FY 23-24 Renewal Total	Solids Common Allocation
PC2-JBL		
MNWD	\$2,011.50	22.35%
SCWD	\$2,197.80	24.42%
SMWD	\$4,790.70	53.23%
Subtotal	\$9,000.00	100.00%

	FY 23-24 Renewal Total	Solids Common Allocation
PC17-RTP		
CLB	\$564.30	6.27%
EBSD	\$29.70	0.33%
ETWD	\$923.40	10.26%
MNWD	\$7,031.70	78.13%
SCWD	\$450.90	5.01%
Subtotal	\$9,000.00	100.00%

Agency Totals	Allocation
CLB	\$564.30
EBSD	\$29.70
ETWD	\$923.40
MNWD	\$9,043.20
SCWD	\$2,648.70
SMWD	\$4,790.70
Totals	\$18,000.00

Recommendation: Staff recommends that the PC 2 and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a 1-year contract not to exceed \$18,000 with Pacific West Patrol for security patrol services.

Agenda Item

5.K.

Budgeted: Yes

Budget amount: \$211,000

Line Item: PC 2, 15 & 17 Lines 5013

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Jeanette Cotinola, Procurement/Contracts Manager

SUBJECT: Contract Renewal to Mariposa Landscapes Inc. for Landscaping Services
[Project Committees 2, 15, and 17]

Summary

Staff recommends renewing the contract with Mariposa Landscapes Inc. for monthly plant landscaping services and periodic access road landscaping services.

Discussion/Analysis

Staff did an RFP for these services in 2021 for a one-year contract with four (4) optional renewals. Last year's renewal had no change in price, and this year's increase from the contractor came in with a 2.54% increase for each service.

Service Area	Service Description	Current Service Fee	Proposed Service Fee	Increase
CTP Plant	Monthly Fee for Weekly Services	\$2,929.00	\$3,003.40	\$74.40
CTP Access Road Area 1	Per mowing event	\$461.80	\$473.53	\$11.73
CTP Access Road Area 2	Per mowing event	\$706.97	\$724.93	\$17.96
CTP Access Road Area 3	Per mowing event	\$523.09	\$536.38	\$13.29
CTP Access Road Area 4	Per mowing event	\$768.26	\$787.77	\$19.51
RTP Plant	Monthly Fee for Weekly Services	\$7,322.50	\$7,508.49	\$185.99
JBL Plant	Monthly Fee for Weekly Services	\$4,393.50	\$4,505.09	\$111.59

SOCWA staff recommends renewing Mariposa Landscapes Inc. for Landscaping Services which will increase the annual costs by \$4,463.80.

Prior Related Project Committee or Board Action(s)

November 2022 – The Board approved the first of up to four annual contract renewals.

Fiscal Impact

The allocations of this annual amendment by member agency are shown below for each Project Committee and Project Committee member agency:

PC2-JBL	Total	Common Allocation
MNWD	\$299.30	22.35%
SCWD	\$327.02	24.42%
SMWD/CSJC	\$712.82	53.23%
Subtotal	\$1,339.14	100.00%

PC15-CTP	Total	Common Allocation
CLB	\$338.45	37.91%
EBSD	\$26.69	2.99%
MNWD	\$261.13	29.25%
SCWD	\$266.49	29.85%
Subtotal	\$892.76	100.00%

PC17-RTP	Total	Common Allocation
CLB	\$139.94	6.27%
EBSD	\$7.37	0.33%
ETWD	\$228.99	10.26%
MNWD	\$1,743.78	78.13%
SCWD	\$111.82	5.01%
Subtotal	\$2,231.90	100.00%

Agency Totals	Total
CLB	\$478.39
EBSD	\$34.06
ETWD	\$228.99
MNWD	\$2,304.21
SCWD	\$705.32
SMWD/CSJC	\$712.82
Totals	\$4,463.80

Recommended Action: Staff recommends that the PC 2, PC 15, and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a one-year contract extension with Mariposa Landscapes Inc. at the following pricing:

Service Area	Service Description	Proposed Service Fee
CTP Plant	Monthly Fee for Weekly Services	\$3,003.40
CTP Access Road Area 1	Per mowing event	\$473.53
CTP Access Road Area 2	Per mowing event	\$724.93
CTP Access Road Area 3	Per mowing event	\$536.38
CTP Access Road Area 4	Per mowing event	\$787.77
RTP Plant	Monthly Fee for Weekly Services	\$7,508.49
JBL Plant	Monthly Fee for Weekly Services	\$4,505.09

Agenda Item

5.L.

Legal Counsel Review: No

Meeting Date: September 7, 2023

TO: PC 2, PC 15 & PC 17 Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

SUBJECT: Aptean Tabware Software Renewal for \$46,004.56
[Project Committees 2, 15, and 17]

Summary

SOCWA uses Aptean's Tabware Software for its computerized maintenance management systems (CMMS). SOCWA needs to renew its hosting, license, subscription, and maintenance Contract annually. Staff requests the Board approve the annual renewal for \$46,004.56.

Discussion/Analysis

The Contract includes the following new/amended features and services.

- Unlimited Requestor utilization for multiple users. (The ability for all SOCWA employees to request a work order.)
- 14 concurrent user licenses for Tabware Technician.
- Technician daily and weekly maintenance schedule user interfaces.
- Tabware Xi access for Supervisory staff.
- Tabware Analytics, including data visualization for maintenance metrics.

The renewal is the form of a new Order to the existing Contract. Thus, this renewal is a Contract Amendment to the original Contract and past annual amendments. The total value of the amended Contract is \$181,080.86, with this additional 1-year at \$46,004.56.

Prior Related Project Committee or Board Action(s)

October 2019 – The Board approved a new 2-year Tabware Software Licensing Agreement to include upgraded services for web-hosted server services for an amount not to exceed \$54,884.88.

September 2021 – The Board approved a 1-year Contract renewal amendment of \$38,369.10.

September 2022 – The Board approved a 1-year Contract renewal amendment of \$41,822.32.

Fiscal Impact

The total value of the amended Contract is \$181,080.86, with this additional 1-year at \$46,004.56.

The allocations of this amendment by member agency are shown below for each Project Committee and Project Committee member agency:

PC2-JBL	Total	Common Allocation
MNWD	\$3,427.34	22.35%
SCWD	\$3,744.77	24.42%
SMWD/CSJC	\$8,162.74	53.23%
Subtotal	\$15,334.85	100.00%

PC15-CTP	Total	Common Allocation
CLB	\$5,813.44	37.91%
EBSD	\$458.51	2.99%
MNWD	\$4,485.44	29.25%
SCWD	\$4,577.45	29.85%
Subtotal	\$15,334.85	100.00%

PC17-RTP	Total	Common Allocation
CLB	\$961.50	6.27%
EBSD	\$50.61	0.33%
ETWD	\$1,573.36	10.26%
MNWD	\$11,981.12	78.13%
SCWD	\$768.28	5.01%
Subtotal	\$15,334.85	100.00%

Agency Totals	Total
CLB	\$6,774.94
EBSD	\$509.12
ETWD	\$1,573.36
MNWD	\$19,893.91
SCWD	\$9,090.50
SMWD/CSJC	\$8,162.74
Totals	\$46,004.56

Recommendation: Staff recommends that the PC 2, PC 15, and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a contract amendment for \$46,004.56, for a total contract amount not to exceed \$181,080.86.

Agenda Item

5.M.

Budgeted: Yes

Budget amount: \$155,000

Line Item: PC 2, 15, and 17 - Line Items 5009

Legal Counsel Review: No

Meeting Date: September 7, 2023

TO: PC 2, PC 15 & PC 17 Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Jeanette Cotinola, Procurement/Contracts Manager

SUBJECT: Sodium Hydroxide 6-month Contract Extension
[Project Committees 2, 15, and 17]

Summary

In September 2022, SOCWA requested proposals to supply and deliver chlor-alkali products for use at the South Orange County Wastewater Authority (SOCWA), City of San Clemente (CSC), Moulton Niguel Water District (MNWD), Santa Margarita Water District (SMWD), Trabuco Canyon Water District (TCWD), El Toro Water District (ETWD), and Irvine Ranch Water District (IRWD) with the intent of securing a new contract.

The best-value contract approved for sodium hydroxide (caustic) was only for six months per renewal due to market and global supply chain volatility. The last six-month renewal had no change in pricing. This six-month renewal has no price increase either because the market remains stable.

Discussion/Analysis

We have two (2) 6-month extensions to purchase caustic remaining under the existing contract with Northstar. Northstar has offered no changes in pricing for the next 6-month period.

Prior Related Project Committee or Board Action(s)

In September 2022, the Board authorized the General Manager to enter into a contract with Northstar Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) for sodium hydroxide products for six months with up to three (3) additional six (6) month renewals.

In April 2023, the Board authorized the General Manager to amend the contract for an additional six (6) months with no price change.

Fiscal Impact

None

Recommended Action: Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to exercise the second of three (3) 6-month renewals with North Star Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) at the current pricing.

South Orange County Wastewater Authority RFP OPS 22-001
Chlor Alkali Pricing Matrix

Sodium Hydroxide

Delivery Sizes		Pacific/Northstar Comments	Pricing 11/6/23-5/31/24
Sodium Hydroxide - 50%	(1-500 gals)	SOCWA	\$5.20
Sodium Hydroxide - 50%	(501-1000 gals)	SOCWA JBL-CTP/S. Clemente	\$4.45
Sodium Hydroxide - 50%	(1001-2000 gals)	SOCWA JBL-RTP/S. Clemente/S Margarita	\$3.99
Sodium Hydroxide - 50%	(2001-3000 gals)	SOCWA RTP/S. Margarita	\$3.60
Sodium Hydroxide - 50%	(3001-4000 gals) full bulk	No Deliveries	\$2.98
Sodium Hydroxide - 30%	(1-500 gals)	No Deliveries	\$3.63
Sodium Hydroxide - 30%	(501-700 gal)	No Deliveries	\$3.18
Sodium Hydroxide - 30%	(701-1000 gals)	No Deliveries	\$2.85
Sodium Hydroxide - 30%	(1001-2000 gals)	No Deliveries	\$2.43
Sodium Hydroxide - 30%	(2001-3000 gals)	No Deliveries	\$2.19
Sodium Hydroxide - 30%	(3001-4000) gals	No Deliveries	\$2.14
Sodium Hydroxide - 30%	4000-4500 gal Full load	No Deliveries	\$1.80
Sodium Hydroxide - 25%	(900-1500 gals)	S Margarita	\$2.30

6-month firm pricing with 90-day notice for next 6-month price change based on market conditions. Pricing includes fuel surcharge but does not include any applicable mill or sales tax.

Split load pricing \$60/stop after 1 free; additional unloading time \$80/hour

Clare Walker

Clare Walker

VP of Sales

Agenda Item

5.N.

Budgeted: Yes

Budget amount: \$95,000

Line Item: PC 2, 15 & 17 Lines 5052

Meeting Date: September 7, 2023

TO: PC 2, PC 15 & PC 17 Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Jeanette Cotinola, Procurements & Contracts Manager

SUBJECT: Janitorial Contract Amendment Services
[Project Committee Nos. 2, 15, and 17]

Summary

In March 2023, the Board authorized SOCWA to enter into a janitorial services contract with Crown Facilities after the issuance of the RFP on January 31, 2023. CTP has an additional bathroom and office area in the old Personnel Building that was not used at the time of the RFP. JBL and RTP require additional deep cleanings of the plant showers that staff use each day.

Discussion

Staff recommends additional cleaning in the amount of \$966.00 to ensure the health and safety of the plant employees. The monthly cost increases are \$376.00 for the CTP, \$295.00 for JBL, and \$295.00 for RTP. This would increase the total contract value to \$68,818.82 per year.

Fiscal Impact

The allocations of this amendment by member agency are shown below for each Project Committee and Project Committee member agency:

PC2-JBL	Total	Common Allocation
MNWD	\$65.93	22.35%
SCWD	\$72.04	24.42%
SMWD/CSJC	\$157.03	53.23%
Subtotal	\$295.00	100.00%

PC15-CTP	Total	Common Allocation
CLB	\$142.54	37.91%
EBSD	\$11.24	2.99%
MNWD	\$109.98	29.25%
SCWD	\$112.24	29.85%
Subtotal	\$376.00	100.00%

PC17-RTP	Total	Common Allocation
CLB	\$18.50	6.27%
EBSD	\$0.97	0.33%
ETWD	\$30.27	10.26%
MNWD	\$230.48	78.13%
SCWD	\$14.78	5.01%
Subtotal	\$295.00	100.00%

Agency Totals	Total
CLB	\$161.04
EBSD	\$12.22
ETWD	\$30.27
MNWD	\$406.40
SCWD	\$199.05
SMWD/CSJC	\$157.03
Totals	\$966.00

Recommended Action: Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to execute an amendment to the Janitorial Contract with Crown Facility Solutions for an additional \$966.00 per month to \$68,818.82 per year.

Agenda Item

5.0.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors
FROM: Jim Burror, Acting General Manager/Director of Operations
SUBJECT: Acting General Manager's Status Report

ADMINISTRATION

Member Agency Requests

The General Manager is directed, as of the May 10, 2022, Executive Committee Meeting, to include a summary of Member Agency Requests in the GM Report. The following requests of SOCWA staff have been received and responded to:

- SCWD and SMWD requested information about the PC2 agreements and the past efforts to construct an AWT at JBL.
- Requested to attend the August 10th SCWD Board meeting to present the OUR Plan given at the July 27th SOCWA Facilitated Board meeting.
- EBSD requested a meeting to prepare for the August 10th SCWD Board meeting to present the OUR Plan.

ENVIRONMENTAL COMPLIANCE

SWRCB Meeting – State Water Quality Research Priority Developments

At the California Association of Sanitation Agencies (CASA) Engineering and Research Committee meeting, a subgroup for early engagement on statewide research priorities was established. As lead role, SOCWA staff held a meeting with Karen Mogus, Deputy Director of Water Quality for the State Water Resources Control Board, on August 16, 2023, to discuss the framework under California Water Code section 13161.

Discussed were the salient points and action items:

1. The SWRCB currently lacks a formal approach to determine research priorities and often operates in an ad hoc fashion.
2. Current research priorities are established in "joint fact-finding" collaboration with the Southern California Coastal Water Research Project (SCCWRP), the San Francisco Estuary Institute (SFEI), and regulators.
3. Ms. Modus is committed to developing a process with all stakeholders for early engagement.
4. Ms. Mogus indicated that incorporating non-governmental organizations is essential to this collaborative process.
5. Ms. Mogus requested that CASA and Clean Water SoCal provide a list of individuals that would be interested in this process. SOCWA staff will work with the industry group to develop a key list of individuals working on research and policy initiatives in the wastewater sector.

Environmental Laboratory Accreditation Program (ELAP) Draft Letter

On August 15, 2023, SOCWA staff submitted a letter to ELAP related to emergency regulations for an estimated increase in fees of 30% and a requirement for accredited laboratories to report the number of quarterly regulatory tests to ELAP. The additional expense and utility staff administrative time to count tests for a proposed new volumetric fee structure requires more expense for ELAP without a concomitant increase in the level of services. SOCWA staff attended the ELAP Fee Workshop on August 4, 2023, and had many questions on the structure, definitions, and management of staff related to the increased expenditure request, which helped curate the letter. SOCWA staff also worked with the private sector, the State of New York CASA, Clean Water SoCal, BACWA, and CWEA for the cultivation of the SOCWA letter. CASA and Clean Water SoCal cited the SOCWA draft letter in comments due to the Board on August 15, 2023. Acting General Manager Jim Burror discussed this item with Chair Collings prior to the release of the letter. Official comments are due to the Board 10 days prior to the emergency regulation hearing on September 19, 2023. Please reach out to Amber Baylor if there are any changes requested in the letter included in the GM Report. The CWEA, Clean Water SoCal, and CASA letters are available upon request.

Memorandum of Understanding for the IRWM Tri-County Funding Structure

The Integrated Water Resource Management (IRWM) program designates funding areas for the distribution of Department of Water Resource and other applicable funding to local agencies in the form of grants. The MOU includes legislative updates to account for unrepresented communities and multi-benefit projects. The MOU extends through July 31, 2026, and is included in this packet.

OPERATIONS

Hurricane/Tropical Storm Hilary

The treatment plants did not sustain any damage from the recent Hurricane/Tropical Storm Hilary that passed over southern California. The approximately 2 inches of rain did increase influent flows to the plants.



South Orange County Wastewater Authority

August 15, 2023

Ms. Christine Sotelo
Program Manager, California ELAP
Division of Drinking Water
State Water Resources Control Board

Comments transmitted electronically: elapca_comments@waterboards.ca.gov

Subject: Informal Comment Letter- Proposed Changes to California Environmental Laboratory Accreditation Program (ELAP) Fee Structure

Dear Ms. Sotelo,

Thank you for the opportunity to informally comment on the draft proposed regulations that the State Water Resources Control Board (Board) will be reviewing for adoption on September 19, 2023. SOCWA is the responsible authority for fifteen treatment facilities and two ocean outfalls serving 500,000 people. We have a certified laboratory and also receive data from three municipal laboratories within the SOCWA service area. We also work with commercial laboratories to achieve compliance with our NPDES permits, waste discharge permits, and drinking water monitoring.

We have a shared interest in maintaining accreditation for our small laboratory in alignment with the Board's goals. With this shared interest, we are providing the following comments, which seek a collaborative and mutually beneficial outcome on the proposed draft regulations:

Draft Regulatory Language

"(a) Beginning January 1, 2024, accredited laboratories shall track the total number of tests run per method performed at the laboratory for regulatory purposes. Test results for regulatory purposes may not necessarily be directly uploaded to the state agency by the laboratory. The totals will be used in the future by The State Board for calculating and setting fees.

(b) Laboratories shall report to ELAP quarterly the total number from subsection (a) for the previous three months ending March 31, June 30, September 30, and December 31, aggregated by method in computer readable tabular format. Laboratories shall report these aggregate totals by 20th day of the month following the end of each three-month period beginning on April 20, 2024.

(c) The laboratory's reported totals in subsection (b) shall be verifiable in accordance with the laboratory's system of record compliant with Section 64814.00(n)."

34156 Del Obispo Street · Dana Point, CA 92629 · Phone: (949) 234-5400 · Fax: (949) 489-0130 · Website: www.socwa.com

A public agency created by: CITY OF LAGUNA BEACH • CITY OF SAN CLEMENTE • CITY OF SAN JUAN CAPISTRANO • EL TORO WATER DISTRICT • EMERALD BAY SERVICE DISTRICT
IRVINE RANCH WATER DISTRICT • MOULTON NIGUEL WATER DISTRICT • SANTA MARGARITA WATER DISTRICT • SOUTH COAST WATER DISTRICT • TRABUCO CANYON WATER DISTRICT



South Orange County Wastewater Authority

Collaborative Process Requested:

The CWEA Lab Committee (LC) has worked closely with ELAP staff on implementing the MUR's fee schedule. This collaboration has included meetings between the CWEA LC and ELAP staff, as well as ELAP staff attending the CWEA Annual Committee for broader stakeholder engagement. We are requesting the Board to delay the regulations until both laboratories and ELAP can establish a collaborative approach. We anticipate that developing this approach will require four quarterly meetings over a year, followed by a presentation of the findings to ELTAC regarding the fee structure. This topic will be a recurring item at ELTAC meetings. It's crucial to highlight that municipal laboratories maintain strong ties with commercial laboratories. This positions us effectively to serve as liaisons for ELAP, helping develop methodologies that cater to both primary accreditation sectors.

National Model Volumetric Fee Inconsistencies:

The New York volumetric fee model is often mentioned as a prototype for the proposed fee structures. But after communicating with New York's state ELAP, we found that only commercial entities report the number of tests. This approach places a significant administrative load on commercial laboratories. In New York, municipal laboratories receive a specific fee, and it seems that ELAP staff handle the accounting for these municipal labs. Recently, however, California ELAP staff indicated in stakeholder discussions about fees that they currently lack the staff to fulfill their mandate, which deviates from the New York approach.

Under the New York model, while municipal labs wouldn't need extra staff for test counting, the administrative fee responsibility would largely fall on commercial labs. This would necessitate hiring more staff to manage these fees. We don't support this structure since the increased administrative costs would likely be transferred to municipal labs.

Regulatory Language Clarification Requested:

The definition of "regulatory tests" is ambiguous, especially concerning who should account for these tests. For instance, when municipal laboratories outsource some of their regulatory tests to commercial laboratories, who reports the test? Is it the commercial laboratory or the municipal one, especially considering the municipal lab's obligations under their NPDES permit?

The consequences for laboratories failing to report their test counts every quarter remain unclear. Would a third-party assessor (TPA) be in charge of monitoring this, or would it be the responsibility of ELAP staff?

Administrative Fee Burden will Increase Costs:

The regulations ask that test results be submitted to ELAP every quarter. However, given the upcoming TNI adoption deadline on January 1, 2024, this quarterly reporting might be excessive. We suggest modifying the reporting frequency to an annual basis, like the "Volumetric Annual Reporting" used in the Recycled Water Policy, should the Board decide to adopt this requirement.

Preliminary Regulatory Volume Management Evaluation:

The aim of ELAP and the SWRCB in creating an alternative fee structure seems to be to assist smaller laboratories in maintaining their accreditation. However, due to the lack of reference data, this change might inadvertently hinder the Board's objectives, leading to unforeseen issues. For instance, during the ELAP fee stakeholder meeting on August 4, 2023, participants inquired about the criteria distinguishing small from large laboratories. Though the staff showcased data from the drinking water database, the details provided didn't clarify how laboratories would be categorized into different Tiers.

While this draft regulation appears to be a step towards obtaining that clarity, engaging with stakeholders to refine the data collection, storage, and reporting processes would be the most constructive approach to ensure success.

The ability of ELAP staff to handle the vast amount of data expected from this regulation remains uncertain. As an illustration, they've suggested that laboratories simply tally the test numbers from their NPDES permits for this draft's reporting. To understand the scale of this data management task, consider a ten-year overview of reports from the CIWQS found in Figure 1. On average, 5863 discharge monitoring reports were submitted to the Regional Boards annually over the past decade. If we assume a modest 100 tests per report, ELAP would be managing over half a million data points. Yet, there's no indication that ELAP possesses a system capable of such data management, raising concerns about potential inefficiencies and costs if data isn't organized effectively. Moreover, the inclusion of drinking water sample reports by many labs will significantly increase the test counts under the proposed fee structure.

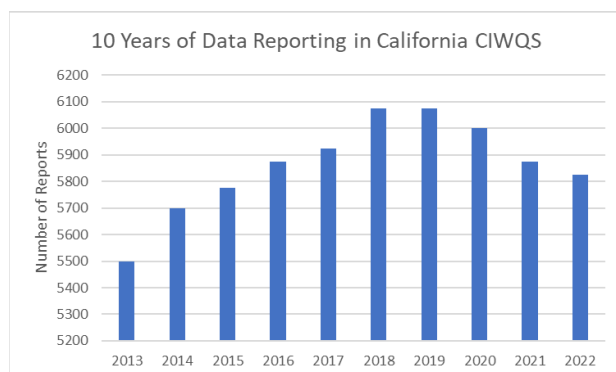


Figure 1: Ten Year Review on Scope of Regulatory Reporting for Wastewater Agencies



South Orange County Wastewater Authority

We appreciate the opportunity to comment on in this draft, preliminary manner in preparation of the September 19, 2023, SWRCB hearing on these proposed draft regulations. Thank you for taking the time to engage on this important proposed regulation, and we look forward to furthering collaboration.

Best,

Amber Baylor

Amber Baylor
Director of Environmental Compliance

CC: SOCWA Board of Directors
California Association of Sanitation Agencies (CASA)
Clean Water SoCal
California Water Environment Association (CWEA)
Central Valley Clean Water Association (CVCWA)

**Third Amendment to Memorandum of Understanding
for Integrated Regional Water Management Planning and Funding
in the San Diego Sub-Region Funding Area**

The Memorandum of Understanding (MOU) for Integrated Regional Water Management Planning and Funding in the San Diego Sub-Region Funding Area between the San Diego County Regional Water Management Group (SDRWMG Planning Region Agencies), Orange County Regional Water Management Group (OCRWMG Planning Region Agencies), and Riverside County Upper Santa Margarita Regional Water Management Group (RCRWMG Planning Region Agencies), which was executed by the parties on April 28, 2009 and amended by the parties on January 29, 2015 and May 23 2016, is hereby further amended as follows:

1. The term of the MOU is extended for seven months and the termination date is changed from December 31, 2025 to July 31, 2026. Section 9 of the MOU is amended to reflect this change.
2. Add new Recital B as follows:

Budget Act of 2021 (Stats. 2021, ch. 240, § 80), authorizes Legislature to appropriate funding for interim and immediate drought relief to urban communities by implementation of projects with multiple benefits through the Urban and Multibenefit Drought Relief Program. Funding is administered by the Department of Water Resources (DWR).
3. The existing Recitals B through I are renamed Recitals C through J.
4. The renamed Recital F is amended to add the following paragraph:

The San Diego Funding Area has been allocated \$5 million through the 2021 Urban and Multibenefit Drought Grant.
5. Attachment C, Allocation of Proposition 1 Funds, is amended as reflected in the Third Amendment Attachment C (Amended) Allocation of Proposition 1 Funds, to reflect incorporation of the 2021 Urban and Multibenefit Drought Grant allocations.
6. Attachment D, Allocation of Underrepresented Community and Tribal Set-Aside of DWR's Urban and Multi Benefit Drought Grant Funds, attached, is added to the MOU and its provisions incorporated by reference into the MOU as if fully set forth therein.

7. Section 12 is amended as follows:

Any notices sent or required to be sent to any party shall be mailed to the following addresses:

San Diego Agencies

Lesley Dobalian, Principal Water Resources Specialist

San Diego County Water Authority
4677 Overland Ave., San Diego CA 92129

Keli Balo, Program Manager, Public Utilities Department
City of San Diego
525 B Street, 3rd Floor, San Diego CA 92101

Rich Whipple, Deputy Director
Department of Public Works
5510 Overland Avenue, Suite 210 (MS O350) San Diego, CA 92123-1239

Orange County Agencies

Amanda Carr, Deputy Director, OC Environmental Resources
Orange County Public Works
601 N Ross St, Santa Ana, CA 92701

Charles Busslinger, Director of Engineering, District Engineer
Municipal Water District of Orange County
18700 Ward Street, Fountain Valley, CA 92708

Betty Burnett, General Manager
South Orange County Wastewater Authority
34156 Del Obispo Street, Dana Point, CA 92629

Riverside County Agencies

Justin Haessly, Water Use Efficiency & Grants Manager
Rancho California Water District
42135 Winchester Road, Temecula, CA 92590

Scott Bruckner, Principal Management Analyst
County of Riverside
4080 Lemon Street 4th floor, Riverside, CA 92501

Jason Uhley, General Manager-Chief Engineer
Riverside County Flood Control and Water Conservation District
1995 Market St. Riverside, CA 92501

8. All other terms, covenants, and conditions in the original MOU as amended shall remain in full force and effect and shall be applicable to this Third Amendment.

The individuals executing this Third Amendment to the MOU represent and warrant they have the legal capacity and authority to do so on behalf of their respective legal entities.

IN WITNESS WHEREOF, the parties have executed this Third Amendment to the Memorandum of Understanding for Integrated Regional Water Management Planning and Funding in the San Diego Sub-Region Funding Area on the last date shown on the attached counterpart signature page.

San Diego County agencies

Kelley Gage, Director of Water Resources
San Diego County Water Authority
4677 Overland Ave., San Diego CA 92123

Jeff Moneda, Director
Department of Public Works
County of San Diego
5510 Overland Ave, Suite 410 (MS O332), San Diego, CA 92123

Alia Khouri
Deputy Chief Operating Officer
City of San Diego
Office of the Chief Operating Officer
202 C Street, San Diego CA 92101

Orange County agencies

Amanda Carr, Deputy Director, OC Environmental Resources
Orange County Public Works
N Ross St, Santa Ana, CA 92701

Megan Yoo Schneider, President (Maribeth Goldsby, Secretary)
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley, CA 92708

Matt Collings, Chairman
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

Riverside County agencies

Robert Grantham, General Manager
Rancho California Water District
42135 Winchester Road, Temecula, CA 92590

Jeff Hewitt, Chairman
Supervisor Fifth District
Riverside County Board of Supervisors
4080 Lemon St
Riverside, CA 92501

Karen Spiegel, Chair
Supervisor, Second District
Riverside County Flood Control & Water Conservation District
1995 Market St
Riverside, CA 92501

SAN DIEGO COUNTY WATER AUTHORITY

IN WITNESS WHEREOF, the parties hereto have executed this third amendment to this MOU Agreement of the date shown heron.

Kelley Gage

Date: 6/30/2022

By: _____

KELLEY GAGE

Director of Water Resources

APPROVED AS TO FORM

San Diego County Water Authority

Date: 6/30/2022

By: _____

Rosann Gallien
ROSANN GALLIEN

Assistant General Counsel

COUNTY OF SAN DIEGO

IN WITNESS WHEREOF, the parties hereto have executed this third amendment to this MOU Agreement of the date shown heron.

Date: 8/5/22 By: Jeff Moneda Digitally signed by Jeff Moneda
Date: 2022.08.05 07:32:52
-07'00'
Jeff Moneda, Director
Department of Public Works

APPROVED AS TO FORM
County Counsel
San Diego County, California

Date: 7/22/22 By: Deak, Thomas Digitally signed by Deak, Thomas
Date: 2022.07.22 15:02:49 -07'00'
Thomas Deak
Senior Deputy County Counsel

Jeff Moneda, Director
Department of Public Works
County of San Diego
5510 Overland Avenue, Suite 410, Mailstop O332
San Diego, CA 92123

CITY OF SAN DIEGO


IN WITNESS WHEREOF, the parties hereto have executed this third amendment to this MOU Agreement of the date shown heron.

CITY OF SAN DIEGO

Date: 07/14/2023 By: Kris McFadden
Kris McFadden
Deputy Chief Operating Officer

I HEARBY APPROVE the form of the foregoing Memorandum of Understanding.

City of San Diego
MARA W. ELLIOT
City Attorney

Date: 7/28/23 By: 
Deputy City Attorney Frank Alm
City of San Diego

ORANGE COUNTY

IN WITNESS WHEREOF, the parties hereto have executed this third amendment to this MOU Agreement by a duly authorized representative as of the date shown hereon.

Date: 8/29/2022

By: *Amanda Carr*

Amanda Carr

Deputy Director, OC Environmental Resources

APPROVED AS TO FORM:

COUNTY COUNSEL

Date: 8/29/2022

By: *Julia Woo*

Julia Woo

Senior Deputy County Counsel

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

IN WITNESS WHEREOF, the parties hereto have executed this third amendment to this MOU Agreement of the date shown hereon.

8/2/2022 | 10:53 AM PDT DocuSigned by:
Date: _____ By: Megan Yoo Schneider
C065D268EEC5494...

Megan Yoo Schneider, President

Municipal Water District of Orange County

APPROVED AS TO FORM

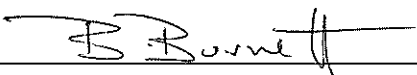
8/2/2022 | 11:29 AM PDT DocuSigned by:
Date: _____ By: Joe Byrne
800D7933C7204EC...

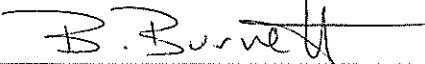
Joseph Byrne, Best, Best & Krieger


Legal Counsel for Municipal Water District of Orange County

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

IN WITNESS WHEREOF, the parties hereto have executed this third amendment to this MOU Agreement of the date shown heron.

Date: August 25, 2022 By:  BB
~~Matt Collings~~ Betty Burnett, General Manager
~~Chairman, Board of Directors~~

Date: _____ By: 
Secretary, Betty Burnett

APPROVED AS TO FORM
Date: 8/28/2022 By: 
General Counsel

COUNTY OF RIVERSIDE

IN WITNESS WHEREOF, the parties hereto have executed this Third Amendment to Memorandum of Understanding for Integrated Regional Water Management Planning and Funding in the San Diego Sub-Region Funding Area, on the dates set forth below.

COUNTY OF RIVERSIDE

By 
JEFF HEWITT, Chairman
Board of Supervisors

Dated AUG 30 2022

ATTEST:


KECIA HARPER
Clerk of the Board

By 
Deputy

Dated AUG 30 2022

(Seal)

APPROVED AS TO FORM:
COUNTY COUNSEL

By 
Caroline Monroy
Deputy County Counsel

Dated August 9, 2022

RANCHO CALIFORNIA WATER DISTRICT

A California Water District

IN WITNESS WHEREOF, the parties hereto have executed this third amendment to this MOU Agreement of the date shown heron.

By: 

Robert Grantham
General Manager

Date: 6/20/22

ATTEST:

By: 

Kelli Garcia
District Secretary

Date: 06/20/22

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

By Karen S. Spiegel
Karen Spiegel, Chair
Riverside County Flood Control and Water
Conservation District Board of Supervisors

Dated AUG 30 2022

RECOMMENDED FOR APPROVAL:

By Edwin Quinones
Jason Uhley
General Manager-Chief Engineer

Dated 7/26/2022

ATTEST:

KECIA HARPER
Clerk of the Board

By Yvonne Raso
Deputy

Dated AUG 30 2022

(Seal)

**APPROVED AS TO FORM:
COUNTY COUNSEL**

By Steph Men
Stephanie Nelson
Deputy County Counsel

Dated 8/9/22

Third Amendment
Attachment C (Amended)
Allocation of Proposition 1 Funds

Each of the three planning regions in the San Diego Funding Area has IRWM projects and program needs that far exceed the funding allocated to the funding area. Significant local match funding for selected projects is available in each planning region. Funding for planning and timing of implementation may vary among the planning regions. Because of these factors and because not all of the Proposition 1 funding may be made available at the same time, the Tri-County FACC members will cooperate and coordinate on individual funding cycle applications to ensure that the sum of the total grant requests does not exceed the amount identified for the funding area in any given cycle. Total allocations to the parties will be divided according to the schedule below. The allocations are based on a formula that is similar to that used to allocate funding in the Proposition 1 bond language. (Note: Proposition 1 allocates \$52.5 million to the San Diego Funding Area. DWR has indicated it will spend approximately 10 percent of the funds for program delivery costs. Therefore, the allocations to the three planning regions are indicated in percentages of the total funds that will be available over the life of the program.)

In January 2022, additional State grant funding was made available to the San Diego Funding Area from the Urban and Multibenefit Drought Grant (see Attachment D to this MOU). While separate from Proposition 1 funds, this additional grant was awarded through the IRWM Programs on a Funding Area basis. As such, the total funding allocation addressed in this MOU was revised for the Tri-County FACC IRWM planning regions. The total percent allocation for each Tri-County FACC remains unchanged for the combined Drought Grant and Proposition 1 funding awards and is shown in Table C-2.

The Proposition 1 Round 2 funding cycle is expected to be the final grant cycle under Proposition 1. In the event that one or more of the IRWM Regions is unable to utilize the amount of Proposition 1 funding available to them in Round 2 under this MOU, all Parties may approve a change to the funding split. Such a change must be approved of by all Parties and documented in writing or via email and would not require an additional amendment to this MOU , notwithstanding Section 15F.

Table C-2. Proposition 1 Allocation

Planning Region	Population	Area (Acres)	Original Allocations (in % of \$52.5M total) for Proposition 1 Funds			Allocations (in % of \$5M total) for Drought Funds	Revised Proposition 1 Allocations (in % of \$52.5M total) to Swap for Drought Funds	TOTAL Proposition 1 and Drought Allocations (in % of \$57.5M total) for Combined Funds
			\$14.5 M on Land	\$38 M on Population	Total			
Riverside Upper Santa Margarita	292,227	405,233	16.38%	6.84%	9.46%	0%	10.46%	9.46%
South Orange County	613,800	168,192	6.80%	14.37%	12.29%	13.59%	12.15%	12.29%
San Diego County	3,364,191	1,901,203	76.83%	78.78%	78.25%	86.41%	77.39%	78.25%
Total	4,270,218	2,474,628	100%	100%	100%	100%	100%	100%

Note: This amended Attachment supersedes Attachment C in Amendment 2.

Third Amendment

Attachment D

Allocation of Underrepresented Community and Tribal Set-Aside of DWR's Urban and Multi Benefit Drought Grant Funds

The Budget Act of 2021 (Stats. 2021, ch. 240, § 80) allocated \$300 million to DWR to deliver grants for interim and immediate drought relief to urban communities and multibenefit projects through the Urban and Multi Benefit Drought Grant Fund (Urban and Multibenefit Drought Grant). These grants are intended to provide water to communities that face the loss or contamination of their water supplies, address immediate impacts on human health and safety, and protect fish and wildlife resources.

The San Diego Funding Area was able to receive up to \$5 million for Underrepresented Community (URC) and Tribal drought relief projects through a set-aside included in the Urban and Multibenefit Drought Grant program. The Upper Santa Margarita IRWM planning region determined that there were no eligible drought relief projects to fund in the Region during the Drought Grant timeframe. The San Diego Funding Area agencies exchanged the Upper Santa Margarita IRWM Planning Region's Drought Grant funds for Proposition 1 Implementation Grant funds and reallocated the Drought Grant monies between the San Diego and South Orange County planning regions. The remaining Proposition 1 Implementation Grant funding, available under the Proposition 1 Round 2 grant cycle, for these two planning regions was subsequently reduced and allocated to the Upper Santa Margarita IRWM Region. The total allocation for the San Diego Funding Area remains unchanged for the Drought Grant and Proposition 1 combined.

Table D-1. Drought Grant and Proposition 1 Allocation

Planning Region	Funding Allocation, Drought Grant and Proposition 1			
	Drought Grant: URC/Tribal Set-Aside, using original Proposition 1 Funding Allocation	Drought Grant Funds Included in Application	Revised Proposition 1 % Allocation (See Attachment C)	Total % Allocation (Drought Grant and Proposition 1)
Riverside Upper Santa Margarita	\$469,264	\$0	10.46%	9.46%
South Orange County	\$617,668	\$679,368	12.15%	12.29%
San Diego County	\$3,913,068	\$4,320,632	77.39%	78.25%
Total	\$5,000,000	\$5,000,000	100%	100%

**Second Amendment to Memorandum of Understanding
for Integrated Regional Water Management Planning and Funding
in the San Diego Sub-Region Funding Area**

The Memorandum of Understanding (MOU) for Integrated Regional Water Management Planning and Funding in the San Diego Sub-Region Funding Area between the San Diego County Regional Water Management Group (SDRWMG Planning Region Agencies), Orange County Regional Management Group (OCRWMG Planning Region Agencies), and Riverside County Upper Santa Margarita Regional Water Management Group (RCRWMG Planning Region Agencies), which was executed by the parties on April 28, 2009 and amended by the parties on January 29, 2015, is hereby amended as follows:

1. The term of the MOU is extended for five years and the termination date is changed from December 31, 2020 to December 31, 2025. Section 9 of the MOU is amended to reflect this change.

2. Add new Recital B as follows:

Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Public Resources Code, sections 79740-79744), authorizes the Legislature to appropriate funding for competitive grants for Integrated Regional Water Management (IRWM) projects. Funding is administered by the Department of Water Resources (DWR).

3. The existing Recital B is renamed Recital C and is amended as follows:

The intent of the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Act of 2006 and the Water Quality, Supply, and Infrastructure Improvement Act of 2014 is to encourage integrated regional strategies for management of water resources and to provide funding through competitive grants, for projects that protect communities from drought, protect and improve water quality, promote environmental stewardship, and improve local water security by reducing dependence on imported water.

4. The existing Recitals C-H are renamed Recitals D-I.

5. The renamed Recital E is amended to add the following paragraphs::

The San Diego Sub-Region has been allocated \$91 million through Proposition 84. For the purposes of this agreement, the formula for allocating Proposition 84 funds among the Parties will be based on a combination of land area and population as of 2007. The division of funding shall be consistent with Attachment B.

The San Diego Sub-Region has been allocated \$52.5 million through Proposition 1.

6. For the purposes of this agreement, the formula for allocating Proposition 1 funds among the Parties will be based on a combination of land area and population as of 2013. The division of

funding shall be consistent with Attachment C.

7. Section 12 is amended as follows:

Any notices sent or required to be sent to any party shall be mailed to the following addresses:

San Diego Agencies

Mark Stadler, Principal Water Resources Specialist
San Diego County Water Authority
4677 Overland Ave., San Diego CA 92129

Lan Wibord, Deputy Director of Long Range Planning & Water Resources
City of San Diego
525 B Street, 3rd Floor, San Diego CA 92101

Ramin Abidi, Deputy Director
Land Development Division, Department of Public Works
5510 Overland Avenue, Suite 210 (MS O350) San Diego, CA 92123-1239

Orange County Agencies

Mary Anne Skorpanich, Director, OC Watersheds
Orange County Public Works
333 W. Santa Ana Blvd., 5th Floor, Santa Ana, CA 92701

Karl Seckel, Assistant General Manager
Municipal Water District of Orange County
18700 Ward Street, Fountain Valley, CA 92708

Tom Rosales, General Manager
South Orange County Wastewater Authority
34156 Del Obispo Street, Dana Point, CA 92629

Riverside County Agencies

Perry Louck, Director of Planning
Rancho California Water District
42135 Winchester Road, Temecula, CA 92590

Mike Shetler, Senior Management Analyst
County of Riverside
4080 Lemon Street 4th floor, Riverside, CA 92501

Warren D. Williams

Riverside County Flood Control and Water Conservation District
1995 Market St. Riverside, CA 92501

8. Attachment C, Allocation of Proposition 1 Funds, is added.
9. All other terms, covenants, and conditions in the original MOU as amended shall remain in full force and effect and shall be applicable to this first amendment.

The individuals executing this second amendment to the MOU represent and warrant they have the legal capacity and authority to do so on behalf of their respective legal entities.

IN WITNESS WHEREOF, the parties have executed this Second Amendment to the Memorandum of Understanding for Integrated Regional Water Management Planning and Funding in the San Diego Sub-Region Funding Area on the last date shown on the attached counterpart signature page.

San Diego County agencies

Robert Yamada, Director
Department of Water Resources
San Diego County Water Authority
4677 Overland Ave., San Diego CA 92123

Richard Crompton, Director
Department of Public Works
County of San Diego
5510 Overland Ave, Suite 410 (MS O332), San Diego, CA 92123

Stacey LoMedico
Assistant Chief Operating Officer
City of San Diego
Office of the Chief Operating Officer
202 C Street, San Diego CA 92101

Orange County agencies

Chairman Pat Bates
County of Orange Board of Supervisors
Orange County Flood Control District
333 W. Santa Ana Blvd., 5th Floor
Santa Ana, CA 92701

Wayne Clark, President (Maribeth Goldsby, Secretary)
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley, CA 92708

Matt Disston, Chairman
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

Riverside County agencies

Matt Stone, General Manager
Rancho California Water District
42135 Winchester Road, Temecula, CA 92590

Jeff Stone, Chairman
Supervisor Third District
Riverside County Board of Supervisors
4080 Lemon St
Riverside, CA 92501

Marion Ashley, Chairman
Supervisor, Fifth District
Riverside County Flood Control & Water Conservation District
1995 Market St
Riverside, CA 92501

**Second Amendment
Attachment C
Allocation of Proposition 1 Funds**

Each of the three planning regions has IRWM project and program needs that far exceed the funding allocated to the funding area. Significant local match funding for selected projects is available in each planning region. Funding for planning and timing of implementation may vary among the planning regions. Because of these factors and because not all of the Proposition 1 funding may be made available at the same time, the Tri-County FACC members will cooperate and coordinate on individual funding cycle applications to ensure that the sum of the total grant requests does not exceed the amount identified for the funding region in any given cycle. Total allocations to the parties will be divided according to the schedule below. The allocations are based on a formula that is similar to that used to allocate funding in the Proposition 1 bond language. (Note: Proposition 1 allocates \$52.5 million to the San Diego Sub-Region (or Funding Area). DWR has indicated it will spend approximately 5 percent of the funds for program delivery costs. Therefore, the allocations to the three planning regions are indicated in percentages of the total funds that will be available over the life of the program.)

Table C-1: Proposition 1 Allocation

Planning Region	Population	Area (Acres)	Allocations (in % of \$ totals)		
			\$14.5 M on Land	\$38 M on Population	Total
Riverside Upper Santa Margarita	292,227	405,233	16.38%	6.84%	9.46%
South Orange County	613,800	168,192	6.8%	14.37%	12.29%
San Diego County	3,364,191	1,901,203	76.83%	78.78%	78.25%
Total	4,270,218	2,474,628	100%	100%	100%

FIRST AMENDMENT TO
MEMORANDUM OF UNDERSTANDING
FOR INTEGRATED REGIONAL WATER MANAGEMENT PLANNING
AND FUNDING IN THE SAN DIEGO SUB-REGION FUNDING AREA

The Memorandum of Understanding (MOU) for Integrated Regional Water Management Planning and Funding in the San Diego Sub-Region Funding Area between the San Diego County Regional Water Management Group (SDRWGM Planning Region Agencies), Orange County Regional Management Group (OCRWMG Planning Region Agencies), and Riverside County Upper Santa Margarita Regional Water Management Group (RCRWMG Planning Region Agencies), which was executed by the parties on April 28, 2009, is hereby amended as follows:

1. Pursuant to Section 9 (Term of Agreement) in the original MOU, which allows for contract extensions by mutual agreement of the Parties, the term of the contract is extended for six years and the termination date is changed from December 31, 2014, to December 31, 2020. Section 9 of the MOU is amended to reflect this change.
2. To better facilitate grant funding for identified mutual goals and projects, the allocation of Proposition 84 Funds shown in Attachment B of the MOU for Riverside Upper Santa Margarita (RCRWMG Planning Region Agencies) is decreased by \$181,875, and this amount shall be reallocated to San Diego County (SDRWGM Planning Region Agencies) as RCRWMG Planning Region Agencies share of the two regions' jointly funded project, Implementing Nutrient Management in the Santa Margarita River Watershed, Phase 2, under the Department of Water Resources' Proposition 84, Round 2 grant program.
3. All other terms, covenants, and conditions in the original MOU as amended shall remain in full force and effect and shall be applicable to this first amendment.

The individuals executing this first amendment to the MOU represent and warrant they have the legal capacity and authority to do so on behalf of their respective legal entities.

IN WITNESS WHEREOF, the parties have executed this First Amendment to the Memorandum of Understanding for Integrated Regional Water Management Planning and Funding in the San Diego Sub-Region Funding Area on the dates shown on the attached counterpart signature page:

**MEMORANDUM OF UNDERSTANDING
FOR INTEGRATED REGIONAL WATER MANAGEMENT PLANNING AND FUNDING IN
THE SAN DIEGO SUB-REGION FUNDING AREA**

PARTIES:

This Memorandum of Understanding (MOU) is entered into this ____ day of _____ 2009 (Effective Date) among the Parties listed below:

- 1. San Diego County Regional Water Management Group (RWMG)**, hereinafter SDRWMG Planning Region Agencies, includes the following members:
CITY OF SAN DIEGO, hereinafter SD CITY; COUNTY OF SAN DIEGO, hereinafter SD COUNTY; and SAN DIEGO COUNTY WATER AUTHORITY, hereinafter SDCWA.
- 2. Orange County RWMG**, hereinafter OCRWMG Planning Region Agencies, includes the following members: COUNTY OF ORANGE, hereinafter ORANGE COUNTY; MUNICIPAL WATER DISTRICT OF ORANGE COUNTY, hereinafter MWDOC; and SOUTH ORANGE COUNTY WASTERWATER AUTHORITY, hereinafter SOCWA.
- 3. Riverside County Upper Santa Margarita RWMG**, hereinafter RCRWMG Planning Region Agencies, includes the following members: RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, hereinafter RCFCWCD; COUNTY OF RIVERSIDE, hereinafter RIVERSIDE COUNTY; and RANCHO CALIFORNIA WATER DISTRICT, hereinafter RCWD.

Agencies acting collectively under this agreement are the TRI-COUNTY FUNDING AREA COORDINATING COMMITTEE, hereinafter called the TRI-COUNTY FACC. The agencies also are sometimes referred to in this MOU collectively as "Parties" and individually as "Party."

RECITALS:

- A. Proposition 84, the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Act (Public Resources Code, sections 75020-75029), authorizes the Legislature to appropriate funding for competitive grants for Integrated Regional Water Management (IRWM) projects. Funding is administered by the Department of Water Resources (DWR).
- B. The intent of the Act is to encourage integrated regional strategies for management of water resources and to provide funding through competitive grants, for projects that protect communities from drought, protect and improve water quality, promote environmental stewardship, and improve local water security by reducing dependence on imported water.
- C. The San Diego Sub-Region, also known as the San Diego Funding Area, comprises the three Parties – the SDRWMG, OCRWMG and RCRWMG. The boundaries of the SDRWMG, OCRWMG and RCRWMG are shown in Attachment A, and coordinated through this MOU.
- D. 1. The San Diego Sub-Region has been allocated \$91 million through Proposition 84.
2. For the purposes of this agreement, the formula for allocating funds among the Parties will be

based on a combination of land area and population as of 2007. The division of funding shall be consistent with Attachment B.

- E. DWR may establish standards to guide the selection of IRWM projects within the funding areas identified in the measure and shall defer to approved local project selection, reviewing projects only to ensure they are consistent with Public Resources Code section 75028 (a).
- F. Each Party has prepared an accepted IRWM plan and desires close coordination to enhance the quality of planning, identify opportunities for supporting common goals and projects, and improve the quality and reliability of water in the Funding Area. The Parties will coordinate and work together with their advisory groups to identify projects of value across planning regions, identify funding for highly ranked projects, and support implementation.
- G. The San Diego Funding Area will balance the necessary autonomy of each planning region to plan for itself at the appropriate scale with the need to coordinate among themselves to improve inter-regional cooperation and efficiency. By consensus, the Parties have developed an agreement to improve the IRWM planning process in the Funding Area to coordinate planning across planning region lines and facilitate the appropriation of funding for IRWM projects by DWR.
- H. The Parties will coordinate on grant funding requests to ensure that the sum of the total grant requests does not exceed the amount identified for the funding region.

The RECITALS are incorporated herein and the PARTIES hereby mutually agree as follows:

1. Definitions

The following terms and abbreviations, unless otherwise expressly defined in their context, shall mean:

- A. **Funding Area** – The 11 regions and sub-regions referenced in Public Resources Code section 75027(a) and allocated a specific amount of funding to support IRWM activities. The San Diego Funding Area incorporates lands in the San Diego Regional Water Quality Control Board jurisdiction as of 2004, including portions of San Diego, Orange and Riverside counties.
- B. **RWMG** –An RWMG is comprised of at least three agencies, two of which must have statutory authority over water management. An RWMG is the documented leader of IRWM planning and implementation efforts in a planning region.
- C. **Planning Region** – Planning regions integrate stakeholders, agencies and projects in their regions and coordinate with other planning regions and DWR. The boundaries of the three planning regions in the San Diego Funding Area shown in attachment A.
- D. **Tri-County Funding Area Coordinating Committee (Tri-County FACC)** –Will comprise at least one representative from each recognized RWMG in the Funding Area. The Tri-County FACC will meet periodically to discuss issues pertaining to the Funding Area and make recommendations to the RWMGs.
- E. **Watershed Overlay Areas** – Identified areas within a watershed that cross planning region boundaries. Watershed Overlay Areas will be subject to special coordination and collaboration between the appropriate planning regions to ensure maximum watershed benefits in the IRWM plans of the Funding Area. The Santa Margarita and the San Mateo Watershed Overlays are shown in Attachment A.
- F. **Watershed Overlay Subcommittee** – The overlay subcommittee will be formed to identify projects that pertain to the watershed overlay areas and recommend them to the Tri-County FACC. The Subcommittee will comprise a representative of each Party in the watershed overlay area as well as other stakeholders agreed upon by the parties. The overlay subcommittee will meet at least twice during the update planning process to coordinate planning and project review; further

meetings will occur as necessary. Meetings of the subcommittee will be open to all Tri-County FACC members.

- G. **Watershed Overlay Projects** – Projects identified in a Watershed Overlay Area identified as valuable and benefiting from cross boundary coordination.
- H. **Common Programs** – Programs eligible for IRWM funding that are identified by the Tri-County FACC as benefiting the entire Funding Area and have participation from at least two Planning Regions.
- I. **Advisory Committee**– The recognized committee of stakeholders advising a planning region's RWMG and/or governing agencies on key issues related to IRWM planning and grant applications.

2. General Planning Cooperation via Tri-County FACC

All planning regions will meet at least twice per year through the Tri-County FACC. The actual number of meetings will depend on the amount and intensity of planning and coordination efforts of the Planning Regions. The efforts of the Tri-County FACC will be to enhance the quality of planning, identify opportunities for supporting common goals and projects, and to improve the quality and reliability of water in the Funding Area. The planning efforts will support the watershed-based approach through integration and coordination across planning regions in the watershed overlay areas.

3. Mutual Plan Reference and Consistency

Each plan prepared in the funding area will contain references to the entire Funding Area, to the coordination that is occurring among planning regions, and to this MOU. Each planning region will share its description of these matters with other planning regions to promote consistency with the goal of using common language as the IRWM plans are modified. The three RWMGs also will seek to place these common sections in the same location in their plans. Further consistency or cooperative efforts may be added with the agreement of the Parties.

4. Coordination of Submittals and Applications

To facilitate DWR's review process, all planning regions will coordinate their Region Acceptance Process submittals and IRWM grant applications. To the greatest extent practicable, the planning regions will develop common sections, tables and maps and place them in the same locations in their submittals and applications. The planning regions will preface their submittals and applications with information noting the common material and its location in the documents.

5. Watershed Overlay Areas

Through the Tri-County FACC or the overlay subcommittee, the planning regions will cooperate in identifying Overlay Projects that cross Planning Region boundaries. Overlay Projects that benefit multiple planning regions will be identified and may be jointly funded, administered, or implemented. A watershed overlay subcommittee of the Tri-County FACC will be formed for the Santa Margarita Watershed and the San Mateo Creek Watershed overlay areas as shown in Attachment A. Overlay Projects of importance to the Watershed Overlay Area planning regions would be recommended for coordination and due consideration in those Planning Regions' project selection processes.

6. Common Programs

The common programs found by the Tri-County FACC to be of high value for all planning regions will be identified and recommended for high priority placement in the planning regions' ranking of projects

for funding. While each planning region will select projects in accordance with its own process, the regions will cooperate on the implementation of common projects programs if these efforts are selected for funding.

7. Advisory Committee Cross Membership

Each planning region with an advisory committee will invite the other advisory committees in the Funding Area to participate as a non-voting member in its committee to promote understanding, communication and coordination.

8. Scope of the Agreement

Nothing contained within this MOU binds the parties beyond the scope or term of this MOU unless specifically documented in subsequent agreements, amendments or contracts. Moreover, this MOU does not require any commitment of funding beyond that which is voluntarily committed by separate board actions, but recognizes in-kind contributions of RWMG agencies and stakeholders. Non-substantive or minor changes to this MOU that have the support of all RWMG agencies may be documented to become part of this MOU.

9. Term of Agreement

The term of this MOU is from its Effective Date shown above to December 31, 2014 unless extended by mutual agreement of the Parties.

10. Modification or Termination

This MOU may be modified or terminated with the concurrence of the RWMG agencies and effective upon execution of the modification or termination by all the RWMG agencies.

11. Withdrawal

Any PARTY may withdraw from the Tri-County FACC after giving a written 60-day notice to the other Parties.

12. Notice

Any notices sent or required to be sent to any party shall be mailed to the following addresses:

SDRWMG Agencies

Ken Weinberg, Director of Water Resources
San Diego County Water Authority
4677 Overland Ave., San Diego CA 92129

Lan Wibord, Deputy Director of Long Range Planning & Water Resources
City of San Diego
525 B Street, 3rd Floor, San Diego CA 92101

Kathleen Flannery, CAO Project Manager
County of San Diego
1600 Pacific Highway, Room 212, San Diego CA 92101

OCRWMG Agencies

Mary Anne Skorpanich, Director, OC Watersheds
Orange County Public Works
333 W. Santa Ana Blvd., 5th Floor, Santa Ana, CA 92701

Karl Seckel, Assistant General Manager
Municipal Water District of Orange County
18700 Ward Street, Fountain Valley, CA 92708

Tom Rosales, General Manager
South Orange County Wastewater Authority
34156 Del Obispo Street, Dana Point, CA 92629

RCRWMG Agencies

Perry Louck, Director of Planning
Rancho California Water District
42135 Winchester Road, Temecula, CA 92590

Mike Shetler, Senior Management Analyst
County of Riverside
4080 Lemon Street 4th floor, Riverside, CA 92501

Warren D. Williams
Riverside County Flood Control and Water Conservation District
1995 Market St. Riverside, CA 92501

13. Funding Uncertainties

The RWMG agencies cannot be assured of the results of these coordination efforts and applications for funding. Nothing within this MOU should be construed as creating a promise or guarantee of future funding. No liability or obligation shall accrue to the Parties if DWR does not provide the funding. The Parties are committed to planning and coordinating notwithstanding IRWM funding. The form of such coordination may change based on the sources of funding.

14. Indemnification

To the fullest extent permitted by law, each Party shall defend, indemnify and hold harmless the other Parties, their consultants, and each of their directors, officers, agents, and employees from and against all liability, claims, damages, losses, expenses, and other costs including costs of defense and attorneys' fees, arising out of or resulting from or in connection with work performed pursuant to this MOU. Such obligation shall not apply to any loss, damage, or injury, as may be caused by the sole negligence or willful misconduct of a Party, its directors, officers, employees, agents, and consultants.

15. Other Provisions

The following provisions and terms shall apply to this agreement.

- A. This MOU is to be construed in accordance with the laws of the State of California. Any action at law or in equity brought by any of the Parties shall be brought in a court of competent jurisdiction in Riverside, Orange or San Diego Counties, and the parties hereto waive all provisions of law providing for change of venue in such proceedings to any other county.

- B. If any provision of this MOU is held by a court to be invalid, void or unenforceable, the remaining provisions shall be declared severable and shall be given full force and effect to the extent possible.
- C. This MOU is the result of negotiations between the parties hereto and with the advice and assistance of their respective counsels. No provision contained herein shall be construed against any Party because of its participation in preparing this MOU.
- D. Any waiver by a Party of any breach by the other of any one or more of the terms of this MOU shall not be construed to be a waiver of any subsequent or other breach of the same or of any other term hereof. Failure on the part of any of the respective Parties to require from the others exact, full and complete compliance with any terms of the MOU shall not be construed to change the terms hereof or to prohibit the Party from enforcement hereof.
- E. This MOU may be executed and delivered in any number of counterparts or copies, hereinafter called "Counterpart", by the parties hereto. When each Party has signed and delivered at least one Counterpart to the other parties hereto, each Counterpart shall be deemed an original and, taken together, shall constitute one and the same MOU, which shall be binding and effective as to the Parties hereto.
- F. This MOU is intended by the parties hereto as their final expression with respect to the matters herein, and is a complete and exclusive statement of the terms and conditions thereof. This MOU shall not be changed or modified except by the written consent of all Parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the dates shown on the attached counterpart signature pages:

San Diego County agencies

Ken Weinberg, Director of Water Resources
San Diego County Water Authority
4677 Overland Ave., San Diego CA 92129

John L. Snyder, Director
Department of Public Works
County of San Diego
5555 Overland Ave, Bldg.2, Mailstop O332 San Diego, CA 92123

W. Downs Prior
Principal Contract Specialist
City of San Diego
Purchasing and Contracting Department
1200 3rd Avenue, Suite 200, San Diego CA 92101

Orange County agencies

Chairman Pat Bates
County of Orange Board of Supervisors
Orange County Flood Control District
333 W. Santa Ana Blvd., 5th Floor

Santa Ana, CA 92701

Wayne Clark, President (Maribeth Goldsby, Secretary)
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley, CA 92708

Matt Disston, Chairman
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

Riverside County agencies

Matt Stone, General Manager
Rancho California Water District
42135 Winchester Road, Temecula, CA 92590

Jeff Stone, Chairman
Supervisor Third District
Riverside County Board of Supervisors
4080 Lemon St
Riverside, CA 92501

Marion Ashley, Chairman
Supervisor, Fifth District
Riverside County Flood Control & Water Conservation District
1995 Market St
Riverside, CA 92501

First Amendment

Attachment A

Funding Area and Planning Region Boundaries with Watershed Overlay Areas

The San Diego, Orange County and Riverside County Upper Santa Margarita planning regions are of an appropriate scale to allow integrated planning and provide for proper local interaction. The creation of planning regions larger than those outlined in the map below would limit local involvement and reduce the value of the planning to the region, the funding area, and the state.

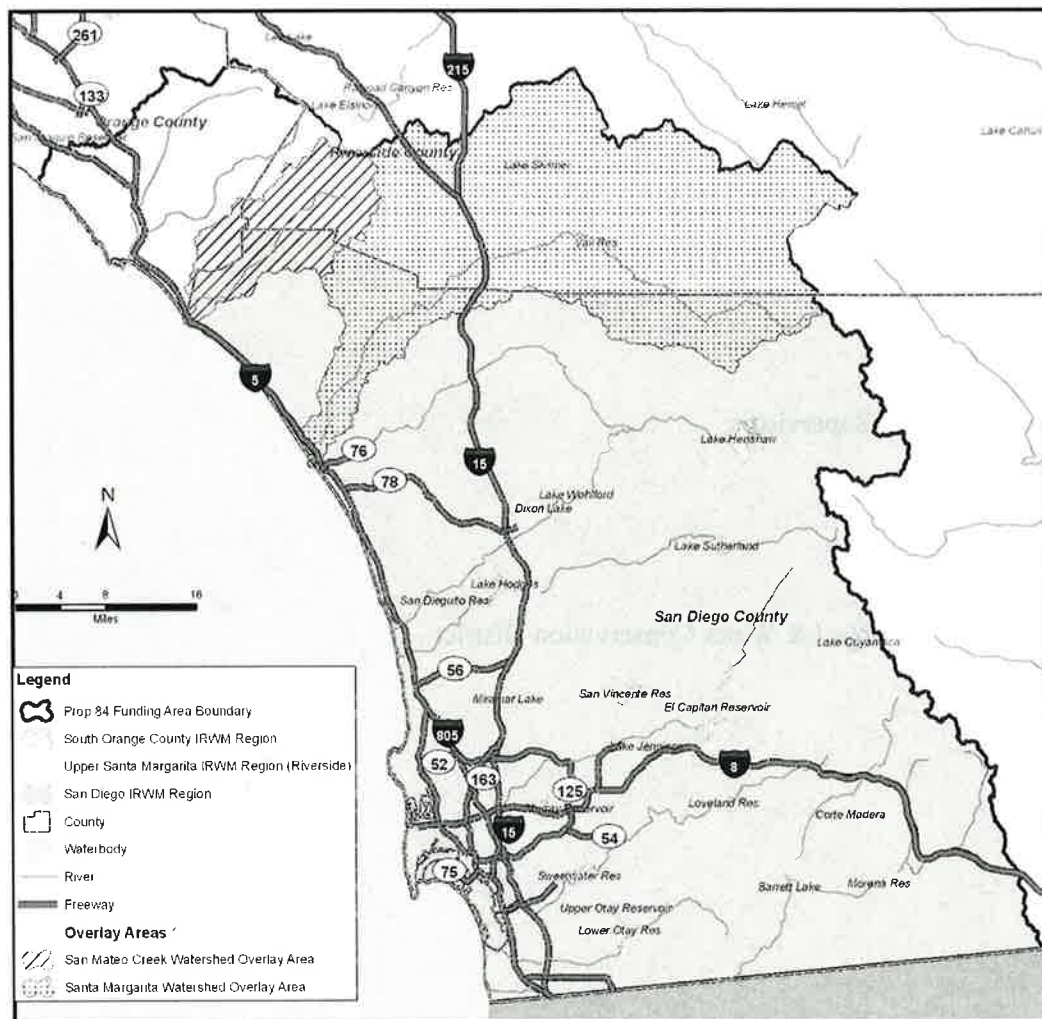


Figure A-1: San Diego Funding Area Watershed Overlay

**First Amendment
Attachment B
Allocation of Proposition 84 Funds**

Each of the three planning regions has IRWM project and program needs that far exceed the funding allocated to the funding area. Significant local match funding for selected projects is available in each planning region. Funding for planning and timing of implementation may vary among the planning regions. Because of these factors and because not all of the Proposition 84 funding will be made available at the same time, the Tri-County FACC members will cooperate and coordinate on individual funding cycle applications to ensure that the sum of the total grant requests does not exceed the amount identified for the funding region in any given cycle. Total allocations to the parties will be divided according to the schedule below. The allocations are based on a formula that is similar to that used to allocate funding in the Proposition 84 bond language. (Note: Proposition 84 allocates \$91 million to the San Diego Funding Area. DWR has indicated it will spend approximately 5 percent of the funds for program delivery costs. Therefore, the allocations to the three planning regions are indicated in percentages of the total funds that will be available over the life of the program.)

Table B-1: Proposition 84 Allocation

Planning Region	Population	Acres Area	Allocations (in % of \$ totals)		
			\$25 M on Land	\$66 M on Population	Total
Riverside Upper Santa Margarita	253,329	405,233	16.4%	6.4%	9.1%
South Orange County	597,348	168,192	6.8%	15.2%	12.9%
San Diego County	3,092,351	1,901,203	76.9%	78.4%	78%
Total	3,943,028	2,474,628	100%	100%	100%

Agenda Item

6.A.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACTS: David Baranowski, Director of Engineering

SUBJECT: Contract Award for As-Needed Project Management Support Services
[All Project Committees]

Overview

SOCWA Staff budgets for staff labor and third-party engineering support within the CIP projects. Due to the number of CIP projects needed at SOCWA and SOCWA's limited internal staffing, SOCWA staff contacted Project Partners to review SOCWA's CIP needs and provide a recommendation for supplemental staffing. Project Partners submitted a proposal that includes project management support for SOCWA's engineering projects that are in the planning, design, and construction phases.

Staff have identified several projects for utilizing these services in the upcoming Fiscal Year.

A sample of these projects are:

- JBL Scum Line Replacement
- JBL Energy Building Improvements
- JBL Effluent Pump Station Upgrades
- CTP Auxiliary Blower Building Roofing Replacement
- CTP Diffuser Replacement
- CTP Grating Replacement
- CTP Personnel Building Improvements
- RTP Digester Piping Replacement
- RTP Digester Gas System Improvements
- RTP Aeration Influent/Effluent Gate Replacement
- ETM Trail Bridge Crossing Protection
- Safety Improvements (at all facilities)

Cost Allocation

The Project Partners proposal has a total fee of \$168,000. Costs will be billed on a time and materials basis at a rate of \$160 per hour. All costs will be tracked against the actual projects where the time is spent, and the resulting costs will be allocated to the corresponding PC and wastewater code (Liquids, Solids, Common, etc.).

The funds for this contract are budgeted as six separate non-capital projects, which total \$168,000. Those projects are titled Engineering Team Staff Augmentation and have project numbers 42244C, 45249L, 472410C, 46244O, 41244O, and 44244O. This was done in order to collect funds from PCs.

The cost allocation shown in Table 1 represents the distribution of the contract based on the amounts included in the budget. However, this does not necessarily represent where the costs will be allocated. All costs attributable to a specific project will be billed to that project and will come from funds already collected for those projects.

Table 1 – Cost Allocation by Member Agency

Agency	Cost
City of Laguna Beach	\$ 15,362.50
City of San Clemente	\$ 2,991.60
Emerald Bay Service District	\$ 1,106.25
El Toro Water District	\$ 24,790.00
Moulton Niguel Water District	\$ 79,074.55
Santa Margarita Water District	\$ 23,279.00
South Coast Water District	\$ 21,396.10
Total	\$ 168,000.00

Because these funds are budgeted as a non-capital project, they must be used by the end of this fiscal year (June 30, 2024). Any budget not used by that time would be refunded to the agencies through the Use Audit.

Prior Related Project Committee or Board Action (s)

The Engineering Committee reviewed this item on August 10, 2023. No action was taken at the meeting.

Recommended Action: Staff recommends that the Board of Directors approve the contract to Project Partners for a total of \$168,000 for As-Needed Project Management Support Services.

Agenda Item

6.B.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACTS: David Baranowski, Director of Engineering

SUBJECT: Contract Amendment for Export Sludge Temporary Impact Area
Restoration Monitoring and Maintenance [Project Committee 15]

Overview

The combination of the Coastal Fire and the heavy rains this winter have complicated the monitoring and maintenance of the restoration area for the export sludge force main replacement. Dudek has submitted an amendment to increase the cost for both monitoring and maintenance activities.

Background

As part of the permit requirements for the export sludge force main replacement construction, SOCWA is required to restore the vegetation disturbed during construction, known as the Temporary Impact Area. The permit requires that the restoration of this area meets certain performance criteria at the end of two years. If the performance criteria are not met after two years, our monitoring and maintenance efforts will continue until the criteria are finally met.

Starting in April 2022, when the area was hydroseeded, Dudek has been monitoring and maintaining the area. The original contract included periodic monitoring visits by a biologist, permit-required reporting, and periodic visits by a maintenance crew to control weeds.

The heavy rains this winter caused a number of problems in the restoration area. First, the Coastal Fire in May 2022 resulted in hillsides prone to erosion. Portions of the trail and restoration area were covered in soil that slid off the hillsides. Second, portions of the trail were impassable because they were too moist or covered in mud, limiting the number of visits that could be done. Third, the large amount of rain, while great for the seed we applied, resulted in a massive bloom of weeds and non-native plants that significantly increased the amount of weeding that needed to be done and required a biologist to be onsite with the maintenance crew to identify what to weed. Further complicating the maintenance efforts, OC Parks updated their rules on using herbicides, which altered the method the crew was allowed to use to control weeds.

Amendment

Dudek submitted a proposal amendment for \$81,400. The amendment includes:

- Additional monitoring visits by a biologist to instruct the maintenance crew.
- Additional maintenance visits to keep up the weeds under control.

Table 1 shows the original contract and amendment.

Table 1 – Cost Allocation by Member Agency

Activity	Original Contract	Amendment	Total
Monitoring	\$ 14,030	\$ 14,400	\$ 28,430
Maintenance	\$ 76,500	\$ 67,000	\$ 143,500
Total	\$ 90,530	\$ 81,400	\$ 171,930

Cost Allocation

Table 2 shows the allocation of the costs by agency. This contract is funded by project 3541-000. There is enough money collected for the project to cover the amendment.

Table 2 – Cost Allocation by Member Agency

Agency	Amendment
City of Laguna Beach	\$ 30,859.10
Emerald Bay Service District	\$ 2,429.85
Moulton Niguel Water District	\$ 23,812.54
South Coast Water District	\$ 24,298.51
Total	\$ 81,400.00

Prior Related Project Committee or Board Action (s)

The Engineering Committee reviewed this item on August 10, 2023.

Recommended Action: The Engineering Committee recommends that the PC 15 Board of Directors approve the amendment to Dudek for a total of \$81,400 for the Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance.

Agenda Item

6.C.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACTS: David Baranowski, Director of Engineering, and Roni Grant, Associate Engineer

SUBJECT: Contract Award for J.B. Latham Treatment Plant (JBL) Plant 1 Standby Generator Pre-Purchasing [Project Committee 2]

Overview

SOCWA staff is currently working on a project to replace a standby generator at the J.B. Latham treatment plant (JBL) under Project 3252-000, MCC M and G Replacement. The lead time for a generator is 58 weeks.

SOCWA staff has been looking into pre-purchasing this and other equipment due to long lead times. Pre-purchasing would allow SOCWA to coordinate the construction bidding with the equipment delivery date. This approach will reduce the contractor's schedule and reduces the contractor's overhead costs.

SOCWA staff solicited quotes through Sourcewell for the 500kW natural gas generator. Two quotes were received, one from Cummins and the other from Quinn/Caterpillar. Staff has been coordinating with both vendors to obtain additional information and clarification on the quotes. The clarifications are minor, and the quotes are not expected to change much.

Cost Allocation

The quote from Quinn/Caterpillar is \$483,700 and \$550,000 from Cummins. The engineer's estimate was \$500,000. A 10 percent contingency has been added to the quote from Quinn/Caterpillar to cover taxes and any other fees that may not be included in the quote. The total, including contingency, is \$532,070. Table 1 shows the allocation of costs for the quote from Quinn/Caterpillar plus the contingency.

Table 1 – Cost Allocation by Member Agency

Agency	Cost
Moulton Niguel Water District	\$122,802
Santa Margarita Water District	\$255,819
South Coast Water District	\$153,449
Total	\$532,070

The FY2023/24 budget for Project 3252-000 (MCC M and G Replacement) is \$1,000,000, which was intended for pre-purchasing equipment.

Prior Related Project Committee or Board Action(s)

The Engineering Committee reviewed this item on August 10, 2023. At that time, only the original quotes had been received. The Engineering Committee granted Staff the ability to continue coordinating the final quotes with the vendors and allowed Staff to bring the contract award to the Board as long as the final price was below \$592,000.

Recommended Action: The Engineering Committee recommends that the PC 2 Board of Directors approve the contract to Quinn/Caterpillar for a total not to exceed \$532,070 to pre-purchase the Plant 1 standby generator.

Agenda Item

7.A.

Legal Counsel Review: Yes

Meeting Date: September 7, 2023

TO: Board of Directors
FROM: Jim Burror, Acting General Manager/Director of Operations
SUBJECT: Resolution No. 2023-08 Revised SOCWA Conflict of Interest Code

Summary/Discussion

The Clerk of the Board for the Orange County Supervisors Office has notified SOCWA (and other local agencies) of the Biennial Review for the Conflict of Interest Code. SOCWA's Conflict of Interest Code should be reviewed, updated, and filed with the Clerk of the Board by December 31, 2023. General Counsel has reviewed the current SOCWA Conflict of Interest Code and recommends adding the Procurement & Contracts Manager to the list of Designated Positions. Additionally, SOCWA position titles should be revised to reflect current job titles in the organization for Form 700 filers. Further, the Acting General Manager/Director of Operations recommends the addition of the Finance Controller to the SOCWA Conflict of Interest Code as the only Director level employee who has not been included previously.

The attached draft Conflict of Interest Code includes the recommended revisions shown in red. The SOCWA-approved revision to its Conflict of Interest Code will become effective once it is approved by the Orange County Board of Supervisors.

Recommended Action: Staff recommends that the Board approve Resolution No. 2023-08, A Resolution of the Board of Directors of the South Orange County Wastewater Authority Adopting a Conflict of Interest Code, which supersedes all prior Conflict of Interest Codes and Amendments previously adopted.

RESOLUTION NO. 2023-08

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY TO AMEND ITS CONFLICT OF INTEREST CODE

WHEREAS, the Political Reform Act of 1974, Government Code Section 81000 *et seq.* (“the Act”), requires state and local government agencies to adopt and promulgate a Conflict of Interest Code in accordance with the Act;

WHEREAS, the Fair Political Practices Commission (“FPPC”) adopted a model Conflict of Interest Code, as set forth in Title 2, California Code of Regulations, Section 18730, which may be incorporated by reference into an agency’s code;

WHEREAS, the FPPC also adopted a regulation, at Title 2, California Code of Regulations, Section 18700.3(b), that defines certain consultants and other public officials who manage public investments and are subject to the disclosure requirements of Section 87200 of the Act, rather than the disclosure requirements in an agency’s code;

WHEREAS, by Resolution No. 2018-09 adopted on July 12, 2018, the Board of Directors (“Board”) of South Orange County Wastewater Authority (“SOCWA”) adopted a Conflict of Interest Code which superseded all prior codes and amendments previously adopted, and which incorporated by reference the FPPC’s model Conflict of Interest Code for designated employees as well as the separate disclosure requirements for consultants and other public officials who manage public investments;

WHEREAS, it is appropriate for SOCWA to amend its Conflict of Interest Code to update the designated employees in the code, and their disclosure categories, based on operational changes and decision-making processes at SOCWA; and

WHEREAS, the model Conflict of Interest Code promulgated by the FPPC, as amended by the FPPC from time to time, will remain the Conflict of Interest Code for SOCWA along with the separate disclosure requirements for consultants and other public officials who manage public investments.

NOW, THEREFORE, the Board of SOCWA does hereby **RESOLVE**, **DETERMINE**, and **ORDER** as follows:

Section 1. The Conflict of Interest Code, attached to this resolution, is hereby adopted and promulgated. All Conflict of Interest Codes, and amendments thereto, previously adopted by SOCWA are hereby superseded, including without limitation the code adopted by Resolution No. 2018-09.

Section 2. The Assistant Secretary of the SOCWA Board (Filing Officer) is hereby authorized and directed to forward a copy of this resolution to the Clerk of the Orange County Board of Supervisors for review and approval by the Orange County Board of Supervisors as required by California Government Code Section 87303.

ADOPTED, SIGNED, and APPROVED this 7th day of September 2023.

**SOUTH ORANGE COUNTY WASTEWATER
AUTHORITY**

Chairperson, Board of Directors

Assistant Secretary, Board of Directors

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

I, James L Burror Jr, Secretary of the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ("SOCWA"), do hereby certify that the foregoing is a full, true, and correct copy of **Resolution No. 2023-08** of said Board and that the same has not been amended or repealed.

Dated this 7th day of September 2023.

James L. Burror, Jr., Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

CONFLICT OF INTEREST CODE FOR THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

The Political Reform Act, Government Code Sections 87100, *et seq.*, requires state and local government agencies to adopt and promulgate Conflict of Interest Codes. The Fair Political Practices Commission (FPPC) has adopted a regulation (2 Cal. Code of Regs. section 18730) which contains the terms of a standard Conflict of Interest Code, which may be incorporated by reference in an agency's code. After public notice and hearing the FPPC may amend this Regulation to conform to amendments in the Political Reform Act. Therefore, the terms of California Code of Regulations, Title 2, Section 18730 and any amendments to it duly adopted by the FPPC are hereby incorporated by reference. This regulation and the attached Exhibits designating officials and employees and establishing disclosure categories shall constitute the Conflict of Interest Code of the South Orange County Wastewater Authority ("SOCWA").

Officials in the positions listed in Exhibit A shall file Statements of Economic Interests with the Clerk of the Orange County Board of Supervisors, as specified in Exhibit A. The Statements of Economic Interests shall be maintained as public records and shall be made available for public inspection and reproduction (Government Code Section 81008).

OFFICIALS WHO ARE SPECIFIED IN GOVERNMENT CODE SECTION 87200

Officials who are specified in Government Code section 87200 (includes officials who manage public investments, as defined by 2 Cal. Code of Regs. §18700.3(b)), are NOT subject to SOCWA's Conflict of Interest Code, but are subject to the disclosure requirement of the Political Reform Act. (Government Code Section 87200 *et seq.*) (Regs. § 18730(b)(3)). These positions are listed here for informational purposes only.

The positions listed below are SOCWA officials who are specified in Government Code section 87200:

- a. Members of the Board of Directors
- b. Alternate Members of the Board of Directors
- c. General Manager/Treasurer
- d. Controller/Finance Manager
- e. Consulting investment advisors/managers

The disclosure categories and requirements for these positions are set forth in Government Code section 87200 *et seq.* They require the disclosure of interests in real property in SOCWA's jurisdiction, as well as investments, business positions and sources of income (including gifts, loans and travel payments). These positions file Statements of Economic Interests with the Clerk of the Orange County Board of Supervisors (COB). Under County of Orange online disclosure categories, these positions will disclose under "OC-O1 – Full Disclosure."

Conflict of Interest Code

EXHIBIT A

Designated Positions and Disclosure Categories

Agency: South Orange County Wastewater Authority (SOCWA)

Position	Disclosure Category	Files With
Director of Engineering	OC-05	COB
Director of Operations	OC-05	COB
Director of Environmental Compliance	OC-05	COB
Human Resources (HR) Administrator	OC-11	COB
Information Technology (IT) Systems Administrator	OC-08	COB
Legal Counsel	OC-01	COB
Procurement & Contracts Manager	OC-05	COB
Consultant (excluding who is an official who manages public investments)	OC-30	COB

OFFICIALS WHO ARE SPECIFIED IN GOVERNMENT CODE SECTION 87200

Officials who are specified in Government Code section 87200 (includes officials who manage public investments, as defined by 2 Cal. Code of Regs. §18700.3(b)), are NOT subject to SOCWA's Conflict of Interest Code, but are subject to the disclosure requirement of the Political Reform Act. (Government Code Section 87200 *et seq.*) (Regs. § 18730(b)(3).) These positions are listed here for informational purposes only.

The positions listed below are SOCWA officials who are specified in Government Code section 87200:

- | | |
|--|----------------|
| a. Members of the Board of Directors | Files with COB |
| b. Alternate Members of the Board of Directors | Files with COB |
| c. General Manager/Treasurer | Files with COB |
| d. Controller/Finance Manager | Files with COB |
| e. Consulting investment advisors/managers | Files with COB |

The disclosure categories and requirements for these positions are set forth in Government Code section 87200 *et seq.* They require the disclosure of interests in real property in SOCWA's jurisdiction, as well as investments, business positions and sources of income (including gifts, loans and travel payments). **Under County of Orange online disclosure categories, these positions will disclose under "OC-01 – Full Disclosure."**

Conflict of Interest Code

EXHIBIT B

Disclosure Descriptions

Agency: South Orange County Wastewater Authority (SOCWA)

Disclosure Category	Disclosure Description
OC-01	All interests in real property in SOCWA, as well as investments, business positions and sources of income (including gifts, loans and travel payments).
OC-05	All investments in, business positions with and income (including gifts, loans and travel payments) from sources that provide services, supplies, materials, machinery, equipment (including training and consulting services) used by SOCWA.
OC-08	All investments in, business positions with and income (including gifts, loans and travel payments) from sources that develop or provide computer hardware/software, voice data communications, or data processing goods, supplies, equipment, or services (including training and consulting services) used by SOCWA.
OC-11	All interests in real property located entirely or partly within SOCWA boundaries as applicable, as well as investments in, business positions with and income (including gifts, loans and travel payments) from sources that are engaged in the supply of equipment related to recruitment, employment search & marketing, classification, training, or negotiation with personnel; employee benefits, and health and welfare benefits.

Conflict of Interest Code

EXHIBIT B

Disclosure Descriptions

OC-30	Consultants shall disclose pursuant to the broadest disclosure category in this Code (OC-01), subject to the following limitation: The General Manager may determine in writing that a particular consultant, although a “designated position,” is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements described herein. Such written determination shall include a description of the consultant’s duties and, based upon that description, a statement of the extent of disclosure required. The determination of disclosure is a public record and shall be filed with the Form 700 and retained by the SOCWA Filing Officer for public inspection.
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Agenda Item

7.D.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

SUBJECT: Amendment No. 4 – Acquisition for Use, Operation, Maintenance, and Expansion of Sewage Treatment Plant of City of San Juan Capistrano by South East Regional Reclamation Authority For and On Behalf of Project Committee No. 2 [Project Committee No. 2]

Summary/Discussion

The Project Committee No. 2 (PC2) agreement was extended until September 30, 2023, under Amendment No. 3 in April 2023. This item is to consider extending the PC2 agreement until the end of FY2023-24 to coincide with the approval of the PC2 Budget for FY 2023-24.

Fiscal Impact

None

Recommended Action: PC2 Board Discussion/Direction and Action.

Attachment: Draft Amendment No. 4 to Agreement for Acquisition, Use, Operation, Maintenance, and Expansion of Sewage Treatment Plant of City of San Juan Capistrano by South East Regional Reclamation Authority For and On Behalf of Project Committee No. 2

**AGREEMENT FOR ACQUISITION, USE, OPERATION, MAINTENANCE AND
EXPANSION OF SEWAGE TREATMENT PLANT OF CITY OF SAN JUAN
CAPISTRANO BY SOUTH EAST REGIONAL RECLAMATION AUTHORITY FOR
AND ON BEHALF OF PROJECT COMMITTEE NO. 2**

RECITALS

- ## AMENDED AGREEMENT

1. The term of the PC 2 Agreement is hereby extended to [REDACTED].

2. All other provisions of the PC 2 Agreement shall remain unchanged.
3. Any Party may execute this Amendment No. 4 using an “electronic signature,” as that term is defined in California Civil Code Section 1633.2, or a “digital signature,” as defined by California Government Code Section 16.5. An electronic or digital signature shall have full legal effect and enforceability. This Amendment No. 4 may be signed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same document.
4. The undersigned representative of each entity certifies that they are fully authorized to enter into this Amendment No. 4 and to legally bind such entity to this document.

IN WITNESS HEREOF, the Parties have executed this Amendment No. 4 as of the Effective Date.

Executed by:

SOUTH COAST WATER DISTRICT

Rick Shintaku, General Manager

MOULTON-NIGUEL WATER DISTRICT

Joone Lopez, General Manager

SANTA MARGARITA WATER DISTRICT

Dan Ferons, General Manager

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Jim Burror, Acting General Manager

Agenda Item

7.E.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Approval of the Q2 through Q4 Project Committee 2 (PC2) Operations and Maintenance Budget and Capital Expenditures Budget [Project Committee 2]

Summary/Discussion

The Project Committee 2 (PC2) approved the FY2023-24 Q1 budget at the June 1, 2023, Board meeting and requested the Q2 through Q4 budget be considered at the August 3, 2023, Board meeting. The budgets that remain to be approved are presented in the following tables:

Operations and Maintenance Q2 through Q4 Budget

Agency	Q2 Budget	Q3 Budget	Q4 Budget	Q2 thru Q4 Total	Total PC2 Budget
MNWD	\$327,926	\$327,926	\$327,926	\$983,778	\$1,311,704
SMWD	\$1,085,761	\$1,085,761	\$1,085,761	\$3,257,284	\$4,343,045
SCWD	\$364,887	\$364,887	\$364,887	\$1,094,662	\$1,459,549
Total	\$1,778,575	\$1,778,575	\$1,778,575	\$5,335,724	\$7,114,298

PC 2 Capital Expenditures Budget Q2 through Q4 Budget

Agency	Q2 Budget	Q3 Budget	Q4 Budget	Q2 thru Q4 Total	Total PC2 Budget
MNWD	\$86,538	\$124,376	\$103,845	\$314,759	\$985,550
SMWD	\$180,289	\$282,451	\$216,347	\$679,087	\$2,326,566
SCWD	\$108,173	\$143,173	\$129,808	\$381,154	\$1,087,884
Total	\$375,000	\$550,000	\$450,000	\$1,375,000	\$4,400,000

This vote requires a 2/3rds majority vote.

Approval of the Project Committee PC2 Operations and Maintenance Budget and PC2 Capital Expenditures Budget authorizes the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized Budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

Recommended Action: Staff recommends that the PC2 Board approve the Q2 through Q4 Project Committee 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL, and OPEB) as proposed and PC2 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering, and small capital).

Agenda Item

7.F.

Board of Directors Meeting

Meeting Date: September 7, 2023

TO: Board of Directors

FROM: Jim Burror, Acting General Manager/Director of Operations

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Approval of the FY 2023-24 General Fund Budget Q2 through Q4 Uneven Allocations

Summary/Discussion

The Board of Directors requested that the approved General Fund Budget allocations be reviewed at the August 2023 meeting. This is because the Q2 through Q4 General Fund Budget allocations were approved on an equal allocation basis and not using the traditional unequal (participation) basis. Traditionally, the Board has adopted the General Fund Budget allocations based on the number of Project Committees the member participates in, excluding PC21 (ETM) and PC23 (NCI). The following are the General Fund uneven allocations presented on Page 11 of the Budget Book:

Member Agency	GF Allocation %
City of Laguna Beach	13.8%
City of San Clemente	6.9%
El Toro Water District	10.3%
Emerald Bay Services District	13.8%
Moulton Niguel Water District	20.7%
Santa Margarita Water District	13.8%
South Coast Water District	20.7%

The even allocation approved for Q2 through Q4 is 1/7th (14.28572%) per member agency.

An action to modify the FY2023-24 General Fund Q2 through Q4 allocations to the uneven allocations requires a unanimous vote by SOCWA member agencies.

Fiscal Impact

The uneven participation method, as presented on Page 11 of the Budget Book, results in the following General Fund Budget allocation by member agency for FY2023-24:

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Member Agency	GF Allocation \$
City of Laguna Beach	\$59,605
City of San Clemente	\$29,802
El Toro Water District	\$44,703
Emerald Bay Services District	\$59,605
Moulton Niguel Water District	\$89,407
Santa Margarita Water District	\$59,605
South Coast Water District	\$89,407
Total	\$424,032

The approved uneven participation for Q1 and even participation for Q2 through Q4 results in the following allocations by member agency for FY2023-24:

Member Agency	Q1 GF Allocation %	Q1 Budget	Q2-Q4 GF Allocation %	Q2-Q4 Budget	Total FY23-24 GF Proposed Budget	Delta from Proposed Budget
City of Laguna Beach	13.80%	\$14,629.10	14.28572%	\$45,432.02	\$60,061.12	\$456.12
City of San Clemente	6.90%	\$7,314.55	14.28572%	\$45,432.02	\$52,746.57	\$22,944.57
El Toro Water District	10.30%	\$10,918.82	14.28572%	\$45,432.02	\$56,350.84	\$11,647.84
Emerald Bay Services District	13.80%	\$14,629.10	14.28572%	\$45,432.02	\$60,061.12	\$456.12
Moulton Niguel Water District	20.70%	\$21,943.66	14.28572%	\$45,432.02	\$67,375.67	(\$22,031.33)
Santa Margarita Water District	13.80%	\$14,629.10	14.28572%	\$45,432.02	\$60,061.12	\$456.12
South Coast Water District	20.70%	\$21,943.66	14.28572%	\$45,432.02	\$67,375.67	(\$22,031.33)
Total	100.00%	\$106,008.00	100.0000%	\$318,024.00	\$424,032.00	\$0.00

This table also includes a comparison of the approved action to the initially proposed General Fund Budget allocations using the unequal allocations for Q1 through Q4 in the last column.

Recommended Action: Board Discussion/Direction and Action.