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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*

December 7, 2023
8:30 a.m.

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

THE BOARD OF DIRECTORS MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

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.

THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE THE CALL IN PHONE NUMBERS BELOW AND FOR VIDEO USE THE ZOOM LINK BELOW.

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South Orange County Wastewater Authority
Board of Directors Meeting
December 7, 2023

Agenda

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

1. Board of Directors Special Meeting of October 24, 2023
2. Board of Directors Regular Meeting of November 2, 2023

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

- B. Minutes of Engineering Committee 9

1. Engineering Committee Meeting of September 14, 2023
2. Engineering Committee *Unofficial* Meeting of October 12, 2023

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

- C. Minutes of Finance Committee 15

- Finance Committee Meeting of September 19, 2023

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

- D. Financial Reports for the Month of August and September 2023 18

- The financial reports included are as follows:
 - a. Summary of Disbursements (Exhibit A);
 - b. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
 - c. Schedule of Cash and Investments (Exhibit C)
 - d. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
 - e. Budget vs. Actual Expenses:

South Orange County Wastewater Authority
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- Operations and Environmental Summary (Exhibit E-1)
- Operations and Environmental by PC (E-1.2)
- Residual Engineering, after transfer to Capital (Exhibit E-2)
- Administration (Exhibit E-3)
- Information Technology (IT) (Exhibit E-4)

ACTION The Finance Committee recommends that the Board of Directors (i) receive and file the August and September 2023 Financial Reports, (ii) ratify the August 2023 disbursement for the period from August 1, 2023, through August 31, 2023, totaling \$2,550,498, (iii) ratify the September 2023 disbursement for the period from September 1, 2023, through September 30, 2023, totaling \$2,109,054

E. Annual Comprehensive Financial Report (ACFR) for Fiscal Years ended June 30, 2023, And 2022 (Under Separate Cover) 39

- Independent Auditors Presentation by The Pun Group

ACTION The Finance Committee recommends forwarding to the Board of Directors for consideration to receive and file the Annual Comprehensive Financial Report (ACFR), including the Independent Auditors Report for Fiscal Years ended June 30, 2023, and 2022.

F. Final Use Audit FY 2022-23 Budget vs. Actual (Under Separate Cover)..... 59

ACTION The Finance Committee recommends that the Board of Directors approve the FY 2022-23 Use Audit.

G. Fiscal Year 2022-23 Updated Supplemental Financial Statements..... 60

ACTION The Finance Committee recommends forwarding to the Board of Directors for consideration to receive and file the Supplemental Financial Statements for Fiscal Year ended June 30, 2023.

H. Operations Report (October) 77

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 (November/December)

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

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7. GENERAL MANAGER'S REPORT

A. SJCOO Tentative Order R9-2024-0005 Comment Letter 134

ACTION Staff requests submitting the attached letter of support of the
SJCOO Tentative Order R9-2024-0005.

B. Amendment No. 5 – 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]..... 137

ACTION PC 2 Board Discussion/Direction and Action.

C. Approval of the Q3 through Q4 Project Committee 2 (PC2) Operations and Maintenance
Budget and Capital Expenditures Budget [Project Committee 2] 140

ACTION Staff recommends that the PC2 Board approve the Q3 through
Q4 Project Committee 2 Operations and Maintenance Budget
(inclusive of Environmental Compliance, Safety, IT, UAL, and
OPEB) as proposed and PC 2 Capital Expenditures Budget
(inclusive of large capital, non-capital/misc. engineering, and small
capital).

D. Discussion on the SCWD/SMWD Proposal Framework.....

- PC 15 Update carryover from October 24 Board Meeting
- PC 17 Discussion of ownership and operation transfer
- SMWD/SCWD Update [PC 2]

ACTION Board Discussion/Direction and Action.

E. General Counsel's Update.....

D. JPA Revision Process (Standing item)

ACTION Information Item

E. Acting General Manager's Report..... 141

ACTION Board Discussion/Direction and Action.

F. Upcoming Meetings Schedule:

- December 7, 2023 – Board of Directors Regular Meeting
- December 14, 2023 – Engineering Committee Meeting
- December 19, 2023 – Finance Committee Meeting
- *January 4, 2024 – Board of Directors Regular Meeting*

ACTION Information Item.

South Orange County Wastewater Authority
Board of Directors Meeting
December 7, 2023

Agenda

8. OTHER MATTERS

Determine the need to take action on the following item(s) introduced by the Acting General Manager/Director of Operations, which arose after the posted agenda. [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
JANUARY 4, 2023

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

Board of Directors

October 24, 2023

DRAFT

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors Meeting was held in-person and via teleconference on October 24, 2023, at 2:00 p.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
BOB WHALEN	City of Laguna Beach	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
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 CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law	ROD WOODS	Moulton Niguel Water District
DENNIS CAFFERTY	El Toro Water District	KARI VOZENILEK	Kidman Gagen Law, LLP
DREW ATWATER	Moulton Niguel Water District	ALLISON BURNS	Stradling Law
RICK SHINTAKU	South Coast Water District	DUANE CAVE	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District	BILL MOORHEAD	Moulton Niguel Water District
SHERRY WANNINGER	Moulton Niguel Water District	LISA OHLUND	Ohlund Mgmt. & Tech. Svc
ROGER BUTOW	Clean Water Now	DICK FIORE	Moulton Niguel Water District
DAN FERONS	Santa Margarita Water District	GREG PENNINGTON	South Coast Water District
DIANE RIFKIN	Moulton Niguel Water District	DUANE CAVE	Moulton Niguel Water District

1. Call to Order

Chairman Collings called the meeting to order at 2:03 p.m.

2. Pledge of Allegiance – Director Scott Goldman

3. Oral Communications

None.

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

There was no action taken.

5. GENERAL MANAGER'S REPORT

- A. Continued Discussion on the Proposed Framework
- PC 15 Update carryover from October 5 Board Meeting
 - PC 17 Discussion of ownership and operation transfer
 - SMWD/SCWD Update [PC 2]

Director Dunbar provided an update on the meetings he plans to lead beginning on Thursday, October 26, to further the discussions of potential buyout options to present to the Moulton Niguel Water District. An open discussion ensued.

Director Whalen requested staff provide a financial analysis to depict the overall cost allocations should Moulton Niguel take ownership of operating PC 17. Mr. Burror stated he would make it available at the next Regular Board meeting. An open discussion ensued.

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

This was an information item; no action was taken.

B. Upcoming Meetings Schedule:

The corrected meeting date for the Finance Committee is November 21, 2023, and the corrected meeting date for the Board of Directors Regular meeting in December is December 7, 2023. These corrections will be reflected in the November 2, 2023 Board Agenda. The Executive Committee meeting on November 7 will be canceled.

- November 2, 2023 – Board of Directors Regular Meeting
- November 7, 2023 – Executive Committee Regular Meeting (Canceled)
- November 14, 2023 – Engineering Committee Regular Meeting
- November 19 21, 2023 – Finance Committee Special Meeting
- December 5-7, 2023 – Board of Directors Regular Meeting

ACTION Information Item.

6. OTHER MATTERS

None.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 3:30 p.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 October 24, 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**

Board of Directors

November 2, 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 November 2, 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
BOB WHALEN	City of Laguna Beach	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
MARY CAREY	Finance Controller
RONI GRANT	Associate Engineer
DINA ASH	HR Administrator
KONSTANTIN SHILKOV	Senior Accountant
JACK BECK	Staff Accountant
ANNA SUTHERLAND	Accounts Payable
JEANETTE COTINOLA	Procurement/Contracts Manager
MATT CLARK	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law	DAN FERONS	Santa Margarita Water District
RICK SHINTAKU	Varner & Brandt, LLP	ALLISON BURNS	Stradling Law
DENNIS CAFFERTY	El Toro Water District	MIKE GASKINS	El Toro Water District
ROGER BUTOW	Clean Water Now (CWN)	DON FROELICH	Moulton Niguel Water District
ROD WOODS	Moulton Niguel Water District	ERICA CASTILLO	Santa Margarita Water District
SAUNDRA JACOBS	Santa Margarita Water District	MARK McAVOY	City of Laguna Beach
LISA OHLUND	Ohlund Mgmt. & Tech. Svc	DUANE CAVE	Moulton Niguel Water District
DICK FIORE	Moulton Niguel Water District	KARI VOZENILEK	Kidman Gagen Law, LLP
SHERRY WANNANIGER	Moulton Niguel Water District	JEFF FERRE	Best & Best Krieger LLP
MARC SERNA	South Coast Water District	OSMAN MUFTI	Sloan Sakai Yeung & Wong, LLP
PAM ARENDS-KING	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 Frank Ury

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

Director Collings pulled agenda item 5.D. and directed staff to discuss with the Engineering Committee and bring the agenda item back to the Board of Directors at the December meeting.

ACTION TAKEN

A motion was made by Director Ury and seconded by Director Whelan to approve the remaining Consent Calendar agenda 5A through 5C.

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

(5A, 5B & 5C)

- A. 1. Minutes of Board of Directors Meeting for September 26, 2023
- 2. Minutes of Board of Directors Meeting for October 5, 2023
- B. Operations Report (August)
Approved Action: Information Item.
- C. Capital Improvement Program Status Report (September)
Approved Action: Information Item.

6. ENGINEERING MATTERS

- A. Contract Award for Coastal Treatment Plant (CTP) Diffuser Replacement Project [Project Committee 15]

ACTION TAKEN

A motion was made by Goldman and seconded by Director Whalen to award the contract to Filanc in the amount of \$1,022,250 for the CTP Aeration Diffusers Replacement Project with a contingency of \$122,000.

Motion carried:	Aye 3, Nay 0, Abstained 1, Absent 0
	Director Freshley Aye
	Director Collings Abstain
	Director Whalen Aye
	Director Goldman Aye

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B. Contract Award for Engineering Services During Construction for Coastal Treatment Plant (CTP) Aeration Diffuser Replacement Project [Project Committee 15]

ACTION TAKEN

A motion was made by Director Dunbar and seconded by Director Whalen to approve the contract to Hazen and Sawyer for a total of \$68,580 for Engineering Services During Construction for the CTP Aeration Diffuser Replacement Project.

Motion failed:	Aye 3, Nay 0, Abstained 1, Absent 0
	Director Dunbar Aye
	Director Collings Abstain
	Director Whalen Aye
	Director Goldman Aye

C. Contract Award for J.B. Latham Treatment Plant (JBL) Centrate Line Upgrades Project [Project Committee 2]

ACTION TAKEN

A motion was made by Director Ury and seconded by Director Goldman to award the contract to SS Mechanical in the amount of \$148,455 for the JBL Centrate Line Upgrades Project with a contingency of \$14,850.

Motion failed:	Aye 3, Nay 0, Abstained 0, Absent 0
	Director Dunbar Aye
	Director Collings Aye
	Director Goldman Aye

D. Effluent Transmission Main Trail Bridge Crossing Project Update [Project Committee 21, Reach D]

ACTION TAKEN

A motion was made by Director Freshley and seconded by Director Collings to approve the Tetra Tech Amendment No. 3 in the amount of \$40,424.00, for a total revised contract amount of \$543,991, for the final design of the Effluent Transmission Main Trail Bridge Crossing Project.

Motion failed:	Aye 2, Nay 0, Abstained 0, Absent 0
	Director Freshley Aye
	Director Collings Aye

E. Regional Treatment Plant Standby Generator Study [Project Committee 17]

Mr. Jim Burror, Acting General Manager/Director of Operations, updated the Board on Carollo Engineers' recommendations for purchasing a standby generator. He stated the estimated cost will be included in the CIP during the upcoming FY 2024-2025 budget preparation.

This was an information item; no action was taken.

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7. GENERAL MANAGER'S REPORT

A. Atmospheric Analysis and Consulting Services One-Year Purchase Order Extension

ACTION TAKEN

A motion was made by Director Goldman and seconded by Director Ury to approve the use of Atmospheric Analysis and Consulting services in the amount not to exceed \$60,000 for the term of one year.

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

B. Contract Amendment with Integrated Municipal Systems, LLC for Scrubber Maintenance Services [Project Committees 2, 15 & 17]

ACTION TAKEN

A motion was made by Director Collings and seconded by Director Dunbar to award a One-Year contract extension to Integrated Municipal Systems, LLC. for scrubber maintenance services plus applicable taxes.

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

C. Unison Solutions, Inc. 3-year Budget Authorization for Carbon Media Purchases \$160,000 [Project Committee 2]

ACTION TAKEN

A motion was made by Director Collings and seconded by Director Goldman to authorize the Acting General Manager/Director of Operations the purchasing authority to procure carbon media as budgeted over the next three (3) years in the amount not to exceed \$160,000.00.

Motion carried:	Aye 3, Nay 0, Abstained 0, Absent 0
	Director Collings Aye
	Director Ury Aye
	Director Goldman Aye

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D. Unison Solutions, Inc. 3-year Budget Authorization for Carbon Media Purchases \$360,000
[Project Committee 17]

ACTION TAKEN

A motion was made by Director Collings and seconded by Director Goldman to authorize the Acting General Manager/Director of Operations the purchasing authority to procure wood-based carbon media as budgeted over the next three (3) years in the amount not to exceed \$360,000.00.

Motion carried:	Aye 5, Nay 0, Abstained 0, Absent 0
	Director Dunbar Aye
	Director Freshley Aye
	Director Collings Aye
	Director Whalen Aye
	Director Goldman Aye

E. Discussion on the SCWD/SMWD Proposal Framework

- PC 15 Update carryover from October 24 Board Meeting
- PC 17 Discussion of ownership and operation transfer
- SMWD/SCWD Update [PC 2]

Director Collings stated the agenda Item was a carryover from the October 24 Board meeting regarding ongoing conversations of Director Dunbar working with agencies on the PC 15 analysis and conversations regarding the Regional Treatment Plant. He noted that Mr. Burror provided a handout addressing Director Whelan's request for financial impacts relating to Moulton Niguel ownership and operation of the Regional Treatment Plant.

Mr. Burror discussed his handout for the impacts of the agency's estimated costs summary. An open discussion ensued.

Public Speaker: Roger Butow – Clean Water Now (CWN)
 Duane Cave – Moulton Niguel Water District
 Dan Ferons - Santa Margarita Water District
 Rick Shintaku – South Coast Water District

There was a consensus of the Board of Directors directing staff to circulate the estimated cost summary to the Finance Officers of the member agencies for review and to provide feedback on the cost analysis.

F. General Counsel's Updates

Ms. Adriana Ochoa, General Counsel, stated that there are no updates to report on the JPA. She will attend the CASA Attorney's Committee meeting and update the Board if anything relevant arises.

This was an information item; no action was taken.

G. Acting General Manager's Report

Mr. Burror reported the Aliso Creek Ocean Outfall flow meter and seals damaged during storms were replaced with a newer technology flow meter and new seals, making the outfall more structurally stable.

This was an information item; no action was taken.

H. Upcoming Meetings Schedule:

- November 2, 2023 – Board of Directors Regular Meeting
- November 7, 2023 – Executive Committee Meeting – *Canceled (Future Date TBD)*
- November 9, 2023 – Engineering Committee Meeting
- November 21, 2023 – Finance Committee Meeting
- December 7, 2023 – Board of Directors Regular Meeting
- *January 4, 2024 – Board of Directors Regular Meeting (?) *will be discussed at the December Board meeting.*

This was an information item; no action was taken.

The Board of Directors convened to Closed Session at 10:02 a.m.
The Board of Directors reconvened to an Open Session at 10:22 a.m.

8. CLOSED SESSION

- A. A Closed Session Conference with Legal Counsel was held to discuss anticipated litigation according to Gov. Code 54956.9(d)(2)) of one potential case.
- B. Report out of Closed Session

There were no reportable actions.

9. OTHER MATTERS

None.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 10:22 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 Board of Directors on November 2, 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

September 14, 2023

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on September 14, 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:

MARK McAVOY	City of Laguna Beach
HANNAH FORD	El Toro Water District
MIKE DUNBAR	Emerald Bay Service District
DAVID LARSEN	Moulton Niguel Water District
DON BUNTS	Santa Margarita Water District
TARYN KJOLSING	South Coast Water District

Absent:

DAVE REBENS DORF	City of San Clemente
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Staff Present:

JIM BURROR	Acting General Manager/Director of Operations
RONI GRANT	Associate Engineer
MARY CAREY	Finance Controller
AMBER BAYLOR	Director of Environmental Compliance
MATT CLARKE	IT Administrator
DINA ASH	HR Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ROGER BUTOW	Clean Water Now (CWN)
SHERRY WANNINGER	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District

1. Call Meeting to Order

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

2. Public Comments

Mr. Roger Butow, from Clean Water Now, made comments regarding his concerns in the Laguna Beach area.

3. Approval of Minutes

- Engineering Committee Minutes of August 10, 2023

ACTION TAKEN

A motion was made by Mr. Bunts and seconded by Mr. Larsen to approve the Engineering Committee Minutes for August 14, 2023, as submitted.

Motion carried:	Aye 6, Nay 0, Abstained 0, Absent 1
Mr. McAvoy	Aye
Ms. Ford	Aye
Mr. Dunbar	Aye
Mr. Larsen	Aye
Mr. Bunts	Aye
Ms. Kjolsing	Aye
Mr. Rebensdorf	Absent

4. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, stated nothing to report.

This was an information item; no action was taken.

5. Use Audit Flow and Solids Methodology – Annual Update FY 2022-23

ACTION TAKEN

A motion was made by Mr. Bunts and seconded by Mr. McAvoy to recommend that the Board of Directors approve the Use Audit calculated results for the close of the Use Audit for disbursement and collection of additional funds in FY 2022-23.

Motion carried:	Aye 5, Nay 0, Abstained 1, Absent 1
Mr. McAvoy	Aye
Ms. Ford	Abstain
Mr. Dunbar	Aye
Mr. Larsen	Aye
Mr. Bunts	Aye
Ms. Kjolsing	Aye
Mr. Rebensdorf	Absent

6. Package B Project Closeout Update [Project Committees 2]

Ms. Grant gave an update on the JBL Package B Project.

This was an information item; no action was taken.

7. Capital Improvement Construction Projects Progress and Change Order Report (September) [Project Committees 2, 15, 17, & 24]

ACTION TAKEN

A motion was made by Mr. Dunbar and seconded by Mr. McAvoy to recommend that the PC 15 Board of Directors approve Change Order 1 for \$4,345.00 to DC Hubs Construction for the CTP AWMA Road Guardrail Replacement Project.

Motion carried:	Aye 3, Nay 0, Abstained 1, Absent 0
Mr. McAvoy	Aye
Mr. Dunbar	Aye
Mr. Larsen	Abstain
Ms. Kjolsing	Aye

8. Contract Amendment for Design of Effluent Transmission Main Air Valve Replacement
[Project Committee 21]

ACTION TAKEN

A motion was made by Ms. Ford and seconded by Mr. Larsen to recommend that the PC 21 Board of Directors approve the contract amendment to Tetra Tech for a total of \$55,200 for additional design services for the ETM Air Valve Replacement Project.

Motion carried:	Aye 2, Nay 0, Abstained 0, Absent 0
	Ms. Ford Aye
	Mr. Larsen Aye

9. Contract Award for Engineering Services During Construction for Coastal Treatment Plant
(CTP) Aeration Diffuser Replacement Project [Project Committee 15]

ACTION TAKEN

A motion was made by Mr. Dunbar and seconded by Ms. Kjolsing to recommend that the PC 15 Board of Directors approve the contract to Hazen and Sawyer for a total of \$68,580 for Engineering Services During Construction for the CTP Aeration Diffuser Replacement Project.

Motion carried:	Aye 3, Nay 0, Abstained 1, Absent 0
	Mr. McAvoy Aye
	Mr. Dunbar Aye
	Mr. Larsen Abstain
	Ms. Kjolsing Aye

10. J.B. Latham Treatment Plant (JBL) Plant 1 Standby Generator Pre-Purchasing Update
[Project Committee 2]

Ms. Grant updated the Engineering Committee on the action the Board of Directors took on September 7, 2023, approving staff to purchase the Standby Generator.

This was an information item; no action was taken.

Adjournment

There being no further business, Ms. Grant adjourned the meeting at 8:56 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 September 14, 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 *UNOFFICIAL* MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

Engineering Committee

October 12, 2023

The ***Unofficial*** Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on October 12, 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:

MARK McAVOY	City of Laguna Beach
HANNAH FORD	El Toro Water District
ROD WOODS	Moulton Niguel Water District
MARC SERNA	South Coast Water District

Absent:

DAVE REBENS DORF	City of San Clemente
MIKE DUNBAR	Emerald Bay Service District
DON BUNTS	Santa Margarita Water District

Staff Present:

JIM BURROR	Acting General Manager/Director of Operations
RONI GRANT	Associate Engineer
MARY CAREY	Finance Controller
AMBER BAYLOR	Director of Environmental Compliance
KONSTANTIN SHILKOV	Senior Accountant
JEANETTE COTINOLA	Procurement & Contracts Manager
MATT CLARKE	IT Administrator
DINA ASH	HR Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law
SHERRY WANNINGER	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District
DAVID LARSEN	Moulton Niguel Water District
TARYN KJOLSING	South Coast Water District

1. Call Meeting to Order

Ms. Roni Grant, Associate Engineer, called the meeting to order at 8:37 a.m. and announced that there was no quorum to conduct business officially and that the items listed on the agenda would be discussed as informational only.

2. Public Comments

None.

3. Approval of Minutes

There was no quorum, therefore deferring the approval of the Engineering Committee Minutes of August 10, 2023, until the next meeting.

4. Operations Report

Ms. Amber Baylor, Director of Environmental Compliance, gave an update on the efforts to correct El Toro's flows data reported on the Use Audit.

Mr. Jim Burror, Acting General Manager/Director of Operations, gave an update on the Aliso Creek Ocean Outfall and San Juan Creek Ocean Outfall ballast repairs. He also stated that staff will bring the Engineering Committee Bylaws to the Board to consider reducing the quorum from 5 members to 4. An open discussion ensued.

5. J.B. Latham Treatment Plant Package B Project Update

Ms. Grant gave an update regarding the work efforts between Olsson Construction and Butier Engineers to resolve and finalize the time impact analysis. An open discussion ensued.

6. Capital Improvement Construction Projects Progress and Change Order Report (September) [Project Committees 2, 15, 17, & 24]

Ms. Grant gave an update on the change orders for JBL Package B and reported on the Aliso Creek Outfall Internal Seal Replacement project. An open discussion ensued.

7. Contract Award for Coastal Treatment Plant (CTP) Diffuser Replacement Project [Project Committee 15]

Ms. Grant reported the fine bubble diffusers were procured earlier this year and had been delivered. Bids were received for the installation and procurement of the coarse air diffusers. An open discussion ensued.

8. Contract Award for J.B. Latham Treatment Plant (JBL) Centrate Line Upgrades Project [Project Committee 2]

Ms. Grant reported the pipes that convey the centrate from the centrifuges back to the treatment plant need replacing. She stated that bids were received for replacing the centrate piping and the watering piping inside the dewatering building. An open discussion ensued.

9. Effluent Transmission Main Trail Bridge Crossing Project Update Project [Project Committee 21, Reach D]

Mr. Burror gave an update on the amending of the Engineering Services contract to Tetra Tech to finalize the design of the Effluent transmission Main (ETM) Trail Bridge Crossing Design project. An open discussion ensued.

10. Regional Treatment Plant Standby Generator Study [Project Committee 17]

Mr. Burror updated the Committee on the Board's support of the more significant capacity standby generator to minimize downtime during a power outage at the Regional Treatment Plant. An open discussion ensued.

Adjournment

There was no quorum to adjourn the meeting. Ms. Grant called the meeting to an end at 9:21 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the ***Unofficial*** Meeting of the South Orange County Wastewater Authority Engineering Committee of October 12, 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 SPECIAL MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
Finance Committee
September 19, 2023**

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on September 19, 2023, at 10:30 a.m. in-person and via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Finance Committee were present via Zoom Meeting:

KATHRYN FRESHLEY	El Toro Water District	Director
ERICA CASTILLO	Santa Margarita Water District	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Director
PAM ARENDS-KING	South Coast Water District	Alternate Director

Absent:

BOB WHALEN	City of Laguna Beach	Director
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Staff Participation:

JIM BURROR	Acting General Manager
MARY CAREY	Finance Controller
AMBER BAYLOR	Director of Environmental Compliance
KONSTANTIN SHILKOV	Senior Accountant
ANNA SUTHERLAND	Accounts Payable
DINA ASH	HR Administrator
RONI GRANT	Associate Engineer
JEANETTE COTINOLA	Procurement/Contracts Manager
MATT CLARKE	IT Administrator

Also Participating:

ADRIANA OCHOA	Procopio Law
SHERRY WANNINGER	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District

1. Call Meeting to Order

Chairperson Castillo called the meeting to order at 10:30 a.m.

2. Public Comments

None.

3. Approval of Minutes

- Finance Committee Meeting of June 20, 2023

ACTION TAKEN

A motion was made by Director Collings and seconded by Director Freshley to approve the Minutes for June 20, 2023, as submitted.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 1
Director Castillo Aye
Director Whalen Absent
Director Freshley Aye
Director Collings Aye
Director Arends-King Aye

4. Preliminary Financial Reports for the Month of June 2023 (Close of Fiscal Year) and Financial Reports for the Month of July 2023

ACTION TAKEN

A motion was made by Director Arends-King and seconded by Director Collings to recommend that the Board of Directors (i) receive and file the June 2023 (Preliminary) Financial Reports, (ii) ratify the June disbursements for the period from June 1, 2023, through June 30, 2023, totaling \$2,041,032, and (iii) ratify the July 2023 disbursements for the period from July 1, 2023, through July 31, 2023, totaling \$3,348,611.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 1
Director Castillo Aye
Director Whalen Absent
Director Freshley Aye
Director Collings Aye
Director Arends-King Aye

5. Net Pension & Net OPEB Liability

Ms. Mary Carey, Finance Controller, gave a presentation on the status update of the Net Pension and Net OPEB Liability. An open discussion ensued.

This was an information item; no action was taken.

6. PARS Investment Update

Ms. Mary Carey, Finance Controller, gave a presentation on the status update of the PARS Investment plan. An open discussion ensued.

This was an information item; no action was taken.

7. Audit Update

Ms. Mary Carey, Finance Controller, gave an update on the progress of the audit. An open discussion ensued.

This was an information item; no action was taken.

Adjournment

There being no further business, Chairperson Castillo adjourned the meeting at 11:05 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 Finance Committee of September 19, 2023, and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh / Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

5.D.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors

FROM: Jim Burror, General Manager/Director of Operations

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Financial Reports for the Months of August and September 2023

Summary/Discussion

The following selected financial reports are routinely provided monthly to the Finance Committee for recommendation to the Board of Directors to ratify Cash Disbursements and receive and file the remaining documents.

The reports included are as follows:

- a. Summary of Disbursements for August 2023 and September 2023 (Exhibit A)
- b. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
- c. Schedule of Cash and Investments (Exhibit C)
- d. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
- e. Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

Fiscal Impact

August 2023 cash disbursements were \$2,550,498.

September 2023 cash disbursements were \$2,109,054.

- Monthly disbursements are summarized in the attached Exhibit A.2.
- The attached Exhibits B, C, D, and E are informational reports only.

Recommended Action: The Finance Committee recommends that the Board of Directors (i) receive and file the August and September 2023 Financial Reports, (ii) ratify the August 2023 disbursement for the period from August 1, 2023, through August 31, 2023, totaling \$2,550,498, (iii) ratify the September 2023 disbursement for the period from September 1, 2023, through September 30, 2023, totaling \$2,109,054

Exhibit A.1

**South Orange County Wastewater Authority
Summary of Disbursements for August 2023
Staff Recommendation of Fiscal Matters**

	Actual
General Fund	\$ (809,405)
PC 2 - Jay B. Latham Plant	(690,771)
PC 5 - San Juan Creek Ocean Outfall	(26,076)
PC 8 - Pretreatment Program	(10,644.66)
PC 12 SO - Water Reclamation Permits	(21,558)
PC 15 - Coastal Treatment Plant/AWT	(302,111)
PC 17 - Joint Regional Wastewater Reclamation	(657,004)
PC 21 - Effluent Transmission Main	(894)
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(32,035)
Total	\$ (2,550,498)

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of August 31, 2023**

CASH IN BANK: (BEGINNING BAL.)	\$ 1,802,585
L.A.I.F. FUNDS: (BEGINNING BAL.)	6,126,674
DEPOSITS, TRANSFERS & ADJUSTMENTS:	13,256,752
FUND REQUIREMENTS:	
BILLS FOR CONSIDERATION ¹	<u>(2,550,498)</u>
TOTAL CASH IN BANK	<u>\$ 18,635,513</u>

¹ GL postings.

In accordance with Government Code 53646(c), since all funds are placed in the State LAIF, staff has included in the Financial Packet, the most current statement from the State LAIF, in lieu of the report required by Government Code 53646(b)(1).

In accordance with requirements of the Government Code and the "SOCWA Investment Policy", I hereby certify that:

- 1). All investment actions executed since the last report have been made in full compliance with the Investment Policy.
- 2). SOCWA does not have sufficient funds currently on hand to meet its expenditure obligations for the next six months (see note) due to the fact that SOCWA bills and receives operational funds on a quarterly basis only.

Jim Burror
Acting General Manager/Director of Operations

Note: Operational funds are collected on a quarterly basis at the beginning of the quarter. Capital funds are collected on a quarterly basis in connection with projected needs. Member agencies have pledged to have funds available to meet all obligations.

Exhibit A.2

**South Orange County Wastewater Authority
Summary of Disbursements for September 2023
Staff Recommendation of Fiscal Matters**

	Actual
General Fund	\$ 214,894
PC 2 - Jay B. Latham Plant	(774,180)
PC 5 - San Juan Creek Ocean Outfall	(34,440)
PC 8 - Pretreatment Program	(27,696)
PC 12 SO - Water Reclamation Permits	(14,288.44)
PC 15 - Coastal Treatment Plant/AWT	(455,040)
PC 17 - Joint Regional Wastewater Reclamation	(953,452)
PC 21 - Effluent Transmission Main	(2,976)
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(61,875)
Total	\$ (2,109,054)

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of September 30, 2023**

CASH IN BANK: (BEGINNING BAL.)	\$ 1,394,598
L.A.I.F. FUNDS: (BEGINNING BAL.)	13,621,674
DEPOSITS, TRANSFERS & ADJUSTMENTS:	157,857
FUND REQUIREMENTS:	
BILLS FOR CONSIDERATION ¹	<u>(2,109,054)</u>
TOTAL CASH IN BANK	<u>\$ 13,065,074</u>

¹ GL postings.

In accordance with Government Code 53646(c), since all funds are placed in the State LAIF, staff has included in the Financial Packet, the most current statement from the State LAIF, in lieu of the report required by Government Code 53646(b)(1).

In accordance with requirements of the Government Code and the "SOCWA Investment Policy", I hereby certify that:

- 1). All investment actions executed since the last report have been made in full compliance with the Investment Policy.
- 2). SOCWA does not have sufficient funds currently on hand to meet its expenditure obligations for the next six months (see note) due to the fact that SOCWA bills and receives operational funds on a quarterly basis only.

Jim Burror
Acting General Manager/Director of Operations

Note: Operational funds are collected on a quarterly basis at the beginning of the quarter. Capital funds are collected on a quarterly basis in connection with projected needs. Member agencies have pledged to have funds available to meet all obligations.



PMIA/LAIF Performance Report as of 11/08/23



Quarterly Performance Quarter Ended 09/30/23

LAIF Apportionment Rate ⁽²⁾ :	3.59
LAIF Earnings Ratio ⁽²⁾ :	0.00009812538629360
LAIF Administrative Cost ^{(1)*} :	0.29
LAIF Fair Value Factor ⁽¹⁾ :	0.986307739
PMIA Daily ⁽¹⁾ :	3.48
PMIA Quarter to Date ⁽¹⁾ :	3.42
PMIA Average Life ⁽¹⁾ :	256

PMIA Average Monthly Effective Yields⁽¹⁾

October	3.670
September	3.534
August	3.434
July	3.305**
June	3.167
May	2.993

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 09/30/23 \$156.4 billion

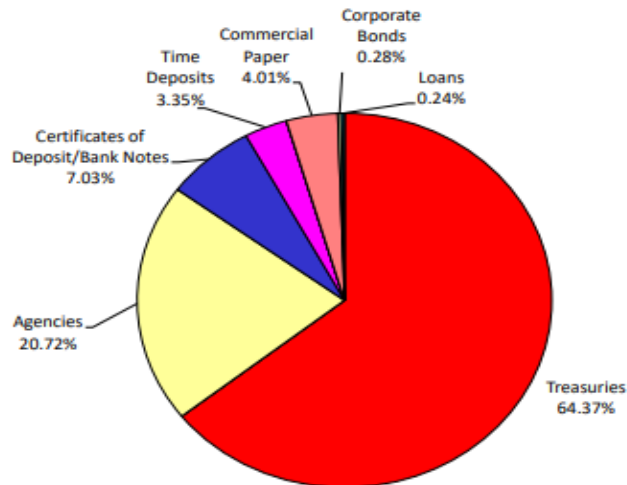


Chart does not include \$2,444,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

Exhibit C

**South Orange County Wastewater Authority
Schedule of Cash and Investments
as of September 30, 2023**

MVA	\$ 13,933	(A)
A/P Checking	821,764	(B)
Payroll Checking	107,704	(C)
State LAIF	12,121,674	(D)
Total Cash in Bank¹	\$ 13,065,074	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 13,066,674	
OPEB Trust	6,028,240	(F)
Total Cash and Investments	\$ 19,094,914	

¹Bank balance at the end of a month may differ from an accounting closing balance as there may be in-transit items that haven't cleared the bank.

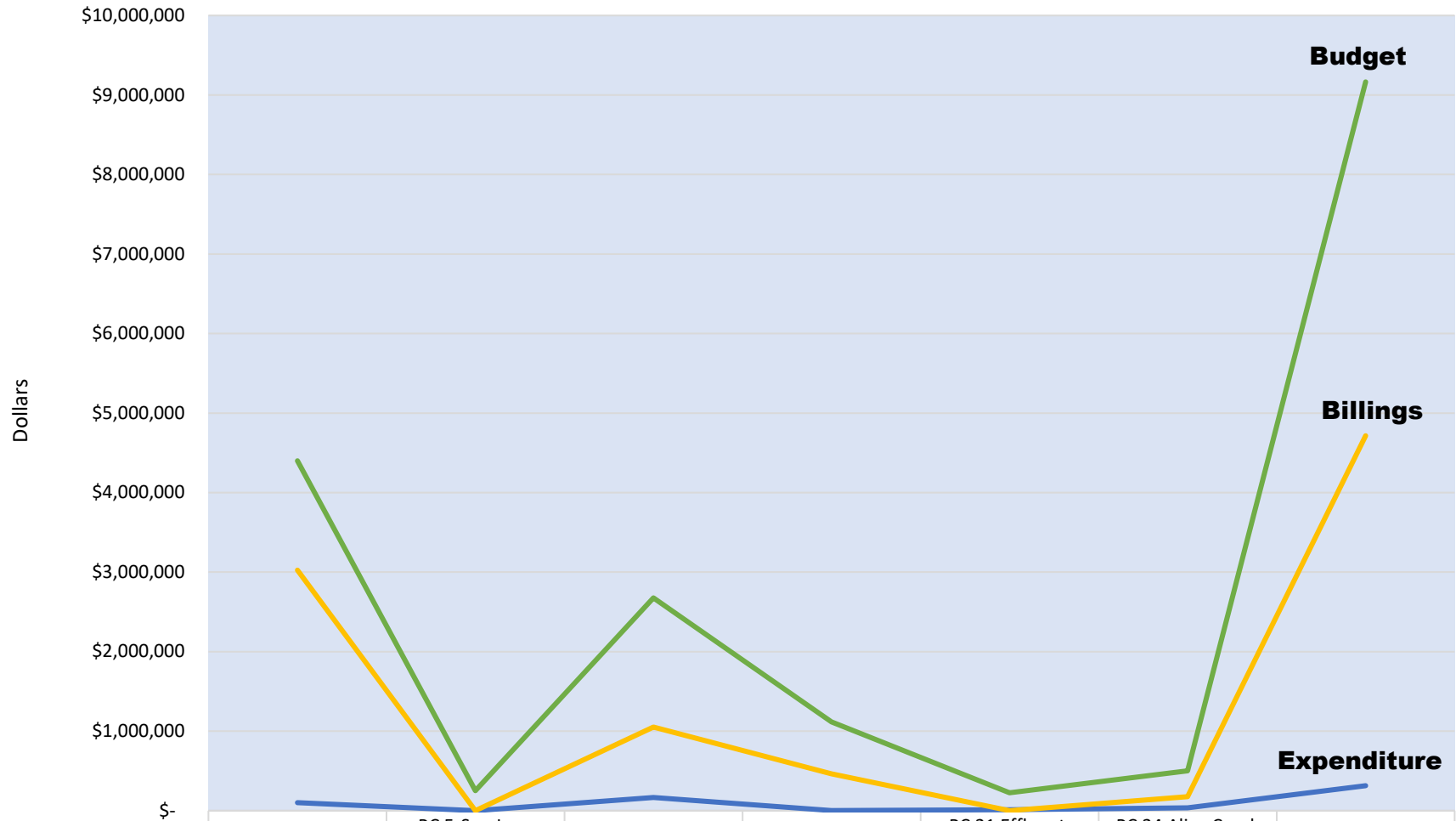
Notes:

- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
- (C) Payroll including payroll taxes and related liabilities are drawn against this account; money is transferred into this account, as needed, from the LAIF account.
- (D) California State Local Agency Investment Fund (LAIF) balance.
- (E) Cash on hand with GM's office and held by Chief Operators at each Treatment facility.
- (F) OPEB Trust Fund; these funds can only be used for Retiree Health Benefits.

**South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended September 30, 2023
(in dollars)**

FY 2022-23 Budget vs. Actual Spending								
Description	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 4,400,000	\$ 99,292	\$ 4,300,708	2.3%	\$ 3,025,000	\$ 3,025,000	\$ -	3.3%
PC 5-San Juan Creek Outfall	250,000	124	249,877	0.0%	-	-	-	-
PC 15-Coastal	2,675,000	164,150	2,510,850	6.1%	1,050,000	1,050,000	-	15.6%
PC 17-Regional	1,115,000	2,856	1,112,144	0.3%	465,000	465,000	-	0.6%
PC 21 Effluent Transmission	225,000	12,750	212,250	5.7%	-	-	-	-
PC 24 Aliso Creek Outfall	500,000	34,809	465,191	7.0%	175,000	175,000	-	19.9%
Total Large Capital	\$ 9,165,000	\$ 313,981	\$ 8,851,019	3.4%	\$ 4,715,000	\$ 4,715,000	\$ -	6.7%
Non-Capital Engineering	905,000	-	905,000	0.0%	213,750	213,750	-	0.0%
Non-Capital Misc Engineering	-	-	0	-	-	-	-	-
Small Internal Capital	2,013,000	446,836	1,566,164	22.2%	503,250	503,250	-	88.8%
Total Capital	\$ 12,083,000	\$ 760,817	\$ 11,322,183	6.3%	\$ 5,432,000	\$ 5,432,000	\$ -	14.0%

Large Capital Projects Fiscal Year 2023-24 Budget vs. Exhibit D-1 Year-to-Date Expenditures & Billings as of 9/30/2023



	PC 2-JB Latham	PC 5-San Juan Creek Outfall	PC 15-Coastal	PC 17-Regional	PC 21 Effluent Transmission	PC 24 Aliso Creek Outfall	Total Large Capital
Spent - YTD 9/30/2023	\$99,292	\$124	\$164,150	\$2,856	\$12,750	\$34,809	\$313,981
FY 23-24 Billings	\$3,025,000	\$-	\$1,050,000	\$465,000	\$-	\$175,000	\$4,715,000
Capital Budget FY 23-24	\$4,400,000	\$250,000	\$2,675,000	\$1,115,000	\$225,000	\$500,000	\$9,165,000

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended	
Salary and Fringe						
5000--****	Regular Salaries-O&M	5,065,446	1,198,847	3,866,599	23.7%	
5001--****	Overtime Salaries-O&M	82,008	37,732	44,276	46.0%	(1)
5306--****	Scheduled Holiday Work	68,376	20,185	48,191	29.5%	
5315--****	Comp Time - O&M	17,628	10,208	7,420	57.9%	
5401--****	Fringe Benefits IN to PC's & Depts.	2,731,721	719,308	2,012,413	26.3%	
5700--****	Standby Pay	104,000	25,700	78,300	24.7%	
	Total Payroll Costs	8,069,179	2,011,980	6,057,199	24.9%	
Other Expenses						
5002--****	Electricity	1,260,000	364,165	895,835	28.9%	
5003--****	Natural Gas	490,500	97,387	393,113	19.9%	
5004--****	Potable & Reclaimed Water	78,000	20,053	57,947	25.7%	
5005--****	Co-generation Power Credit	(1,302,000)	(355,392)	(946,608)	27.3%	
5006--****	Chlorine/Sodium Hypochlorite	181,000	81,662	99,338	45.1%	(2)
5007--****	Polymer Products	1,040,000	394,544	645,456	37.9%	
5008--****	Ferric Chloride	880,000	292,603	587,397	33.3%	
5009--****	Odor Control Chemicals	155,000	50,884	104,116	32.8%	
5010--****	Other Chemicals - Misc.	2,000	-	2,000	-	
5011--****	Laboratory Services	56,632	9,124	47,508	16.1%	
5012--****	Grit Hauling	132,500	38,807	93,693	29.3%	
5013--****	Landscaping	211,000	59,111	151,889	28.0%	
5015--****	Management Support Services	527,000	23,717	503,283	4.5%	
5016--****	Audit - Environmental	1,304	-	1,304	0.0%	
5017--****	Legal Fees	30,672	590	30,083	1.9%	
5018--****	Public Notices/ Public Relations	1,500	-	1,500	-	
5019--****	Contract Services Misc.	372,996	74,237	298,759	19.9%	
5021--****	Small Vehicle Expense	24,128	11,484	12,644	47.6%	
5022--****	Miscellaneous Expense	16,032	1,215	14,817	7.6%	
5023--****	Office Supplies - All	48,000	8,989	39,011	18.7%	
5024--****	Petroleum Products	27,000	9,281	17,719	34.4%	
5025--****	Uniforms	78,000	21,901	56,099	28.1%	
5026--****	Small Vehicle Fuel	20,272	5,543	14,729	27.3%	
5027--****	Insurance - Property/Liability	535,873	387,884	147,989	72.4%	(3)
5028--****	Small Tools & Supplies	77,668	23,310	54,358	30.0%	
5030--****	Trash Disposal	9,000	3,502	5,498	38.9%	
5031--****	Safety Program & Supplies	114,956	42,302	72,654	36.8%	
5032--****	Equipment Rental	7,000	-	7,000	0.0%	
5033--****	Recruitment	2,300	-	2,300	0.0%	
5034--****	Travel Expense/Tech. Conferences	75,078	10,198	64,880	13.6%	
5035--****	Training Expense	50,479	30,444	20,035	60.3%	(3)
5036--****	Laboratory Supplies	127,092	35,277	91,815	27.8%	
5037--****	Office Equipment	27,000	143	26,857	0.5%	
5038--****	Permits	635,836	22,438	613,399	3.5%	
5039--****	Membership Dues/Fees	13,153	17,765	(4,611)	135.1%	(3)
5044--****	Offshore Monitoring	81,604	28,069	53,535	34.4%	
5045--****	Offshore Biochemistry - 20B	22,500	-	22,500	-	
5046--****	Effluent Chemistry	50,948	8,753	42,195	17.2%	
5047--****	Access Road Expenses	45,000	2,460	42,540	0.1	
5048--****	Storm Damage	20,000	-	20,000	-	
5049--****	Biosolids Disposal	1,747,500	439,458	1,308,042	25.1%	(4)
5050--****	Contract Services Generators - 29A	23,000	7,437	15,563	32.3%	(3)

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended	
_5052--**-**	Janitorial Services	95,000	22,143	72,857	23.3%	
_5053--**-**	Contract Serv - Digester Cleaning - 29E	80,000	-	80,000	0.0%	
_5054--**-**	Diesel Truck Maint	43,000	23,532	19,468	54.7%	
_5055--**-**	Diesel Truck Fuel	11,800	2,286	9,514	19.4%	
_5056--**-**	Maintenance Equip. & Facilities (Solids)	300,000	60,848	239,152	20.3%	
_5057--**-**	Maintenance Equip. & Facilities (Liquids)	510,000	201,271	308,729	39.5%	
_5058--**-**	Maintenance Equip. & Facilities (Common)	92,008	17,230	74,778	18.7%	
_5059--**-**	Maintenance Equip. & Facilities (Co-Gen)	836,700	226,315	610,385	27.0%	(3)
_5060--**-**	Maintenance Equip. & Facilities (AWT)	39,000	962	38,038	2.5%	
_5061--**-**	Mileage	2,900	563	2,337	19.4%	
_5068--**-**	MNWD Potable Water Supplies & Svcs.	44,880	6,145	38,735	13.7%	

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
_5076--**-**	SCADA Infrastructure	93,600	-	93,600	0.0%
_5077--**-**	IT Direct	45,000	-	45,000	0.0%
_5105--**-**	Co-Generation Power Credit - Offset	1,302,000	355,392	946,608	27.3%
_5303--**-**	Group Insurance Waiver	14,400	4,500	9,900	31.2%
_5305--**-**	Medicare Tax Payments for Employees	152	-	152	0.0%
_5309--**-**	Operating Leases	20,000	4,503	15,497	22.5%
_5705--**-**	Monthly Car Allowance	31,200	6,300	24,900	20.2%
_5797--**-**	Verily Stipends - WastewaterSCAN Monitoring	-	(5,850)	(5,850)	0.0%
_5799--**-**	Zephyr Wall Costs Share-O&M	(14,000)	-	(14,000)	0.0%
_6500--**-**	IT Allocations in to PC's & Depts.	620,553	181,969	438,584	29.3%
	Total Other Expenses	12,165,718	3,377,454	8,776,565	27.8%
Total O&M Expenses		20,234,898	5,389,434	14,845,464	26.6%

¹ This report intends to monitor the Annual Budget % Expended at the Project Committee and Functional Department levels.

The financial information contained in this report, in some cases, is based on the full accrual basis of accounting, whereby expenses are recognized in the period in which the liability is incurred, i.e., payroll and fringe benefits.

There are instances where we will include the total expense for the entire accounting fiscal year if the information is available, i.e., property and liability insurance premiums.

The audited financial statements for the fiscal year recognize all expenses on the full accrual basis of accounting.

- (1) Staff over was elevated due to three (3) nighttime shutdowns to support the ACOO internal repair project and two (2) projects at JBL.
- (2) Bleach usage elevated during the initial months of the Fiscal for summer AWT production at CTP.
- (3) Annual charges incurred at the beginning of the Fiscal Year.
- (4) Biosolids costs are increased due to landfill closures on hotter days. This new type of closure was instituted in May 2023 at the landfill to help mitigate odor complaints at the landfill and was not anticipated with the preparation of the Budget.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000-**-**	Regular Salaries-O&M	1,785,000	402,119	1,382,881	22.5%
02-5001-**-**	Overtime Salaries-O&M	27,208	16,779	10,429	61.7% (1)
02-5306-**-**	Scheduled Holiday Work	30,000	7,898	22,102	26.3%
02-5315-**-**	Comp Time - O&M	8,604	4,622	3,982	53.7% (1)
02-5401-**-**	Fringe Benefits IN to PC's & Depts.	962,625	241,271	721,353	25.1%
02-5700-**-**	Standby Pay	37,846	9,850	27,996	26.0%
	Total Payroll Costs	2,851,283	682,540	2,168,743	23.9%
Other Expenses					
02-5002-**-**	Electricity	660,000	202,711	457,289	30.7%
02-5003-**-**	Natural Gas	252,000	30,894	221,106	12.3%
02-5004-**-**	Potable & Reclaimed Water	27,000	6,210	20,790	23.0%
02-5006-**-**	Chlorine/Sodium Hypochlorite	21,000	13,419	7,581	63.9%
02-5007-**-**	Polymer Products	390,000	170,761	219,239	43.8%
02-5008-**-**	Ferric Chloride	300,000	90,371	209,629	30.1%
02-5009-**-**	Odor Control Chemicals	38,000	11,929	26,071	31.4%
02-5010-**-**	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011-**-**	Laboratory Services	20,108	942	19,166	4.7%
02-5012-**-**	Grit Hauling	70,500	25,307	45,193	35.9%
02-5013-**-**	Landscaping	68,000	20,796	47,204	30.6%
02-5015-**-**	Management Support Services	16,500	5,476	11,024	33.2%
02-5017-**-**	Legal Fees	5,000	472	4,528	9.4%
02-5019-**-**	Contract Services Misc.	129,000	26,153	102,847	20.3%
02-5021-**-**	Small Vehicle Expense	11,000	4,733	6,267	43.0%
02-5022-**-**	Miscellaneous Expense	8,000	495	7,505	6.2%
02-5023-**-**	Office Supplies - All	30,000	4,188	25,812	14.0%
02-5024-**-**	Petroleum Products	11,000	647	10,353	5.9%
02-5025-**-**	Uniforms	36,000	9,677	26,323	26.9%
02-5026-**-**	Small Vehicle Fuel	8,000	2,036	5,964	25.4%
02-5027-**-**	Insurance - Property/Liability	188,606	140,158	48,448	74.3% (2)
02-5028-**-**	Small Tools & Supplies	35,000	3,035	31,965	8.7%
02-5030-**-**	Trash Disposal	3,000	436	2,564	14.5%
02-5031-**-**	Safety Program & Supplies	40,032	12,961	27,070	32.4% (2)
02-5032-**-**	Equipment Rental	3,000	-	3,000	-
02-5033-**-**	Recruitment	1,000	-	1,000	0.0%
02-5034-**-**	Travel Expense/Tech. Conferences	18,163	4,818	13,345	26.5%
02-5035-**-**	Training Expense	15,420	10,236	5,184	66.4%
02-5036-**-**	Laboratory Supplies	21,412	4,841	16,571	22.6%
02-5037-**-**	Office Equipment	14,000	121	13,879	0.9%
02-5038-**-**	Permits	27,032	21,274	5,758	78.7%
02-5039-**-**	Membership Dues/Fees	3,423	5,735	(2,312)	167.5%
02-5049-**-**	Biosolids Disposal	750,000	161,389	588,611	21.5% (3)
02-5050-**-**	Contract Services Generators - 29A	10,000	-	10,000	0.0%
02-5052-**-**	Janitorial Services	43,000	9,780	33,220	22.7%
02-5053-**-**	Contract Serv - Digester Cleaning - 29E	15,000	-	15,000	0.0%
02-5054-**-**	Diesel Truck Maint	23,000	11,766	11,234	51.2%
02-5055-**-**	Diesel Truck Fuel	3,300	1,391	1,909	42.1%
02-5056-**-**	Maintenance Equip. & Facilities (Solids)	125,000	13,149	111,851	10.5%
02-5057-**-**	Maintenance Equip. & Facilities (Liquids)	200,000	66,086	133,914	33.0%
02-5058-**-**	Maintenance Equip. & Facilities (Common)	30,000	11,011	18,989	36.7%
02-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	297,000	88,774	208,226	29.9% (2)
02-5061-**-**	Mileage	1,400	326	1,074	23.3%
02-5076-**-**	SCADA Infrastructure	31,200	-	31,200	0.0%
02-5077-**-**	IT Direct	15,000	-	15,000	0.0%
02-5303-**-**	Group Insurance Waiver	3,600	346	3,254	9.6%
02-5309-**-**	Operating Leases	20,000	4,503	15,497	22.5%
02-5705-**-**	Monthly Car Allowance	18,600	3,150	15,450	16.9%
02-5797-**-**	Verily Stipends - WastewaterSCAN Monitoring	-	(1,950)	(1,950)	100.0%
02-5799-**-**	Zephyr Wall Costs Share-O&M	(14,000)	-	(14,000)	0.0%
02-6500-**-**	IT Allocations in to PC's & Depts.	218,718	64,136	154,582	29.3%
	Total Other Expenses	4,263,015	1,264,690	2,998,325	29.7%
	Total Expenses	7,114,298	1,947,230	5,167,068	27.4%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
05 - San Juan Creek Ocean Outfall					
Salary and Fringe					
05-5000-**-**	Regular Salaries-O&M	145,529	27,064	118,465	18.6%
05-5001-**-**	Overtime Salaries-O&M	72	127	(55)	176.7%
05-5306-**-**	Scheduled Holiday Work	468	95	373	20.4%
05-5315-**-**	Comp Time - O&M	-	-	-	100.0%
05-5401-**-**	Fringe Benefits IN to PC's & Depts.	78,482	16,238	62,244	20.7%
	Total Payroll Costs	224,551	43,524	181,026	19.4%
Other Expenses					
05-5015-**-**	Management Support Services	110,000	2,133	107,867	1.9%
05-5017-**-**	Legal Fees	7,000	-	7,000	0.0%
05-5022-**-**	Miscellaneous Expense	-	-	-	100.0%
05-5027-**-**	Insurance - Property/Liability	21,282	15,182	6,100	71.3% (2)
05-5031-**-**	Safety Supplies	1,020	-	1,020	-
05-5034-**-**	Travel Expense/Tech. Conferences	5,696	1,210	4,486	21.2%
05-5035-**-**	Training Expense	1,087	39	1,048	0.04
05-5036-**-**	Laboratory Supplies	33,500	9,748	23,752	29.1%
05-5038-**-**	Permits	302,496	-	302,496	0.0%
05-5039-**-**	Membership Dues/Fees	1,000	44	956	0.04
05-5044-**-**	Offshore Monitoring	40,800	14,034	26,766	34.4%
05-5045-**-**	Offshore Biochemistry - 20B	7,500	-	7,500	-
05-5046-**-**	Effluent Chemistry	28,000	4,381	23,619	15.6%
05-5058-**-**	Maintenance Equip. & Facilities (Common)	1,004	-	1,004	-
05-6500-**-**	IT Allocations in to PC's & Depts.	17,832	5,229	12,603	29.3%
	Total Other Expenses	578,218	52,000	526,217	9.0%
	Total Expenses	802,768	95,525	707,244	11.9%
08 - Pre Treatment					
Salary and Fringe					
08-5000-**-**	Regular Salaries-O&M	132,256	28,714	103,542	21.7%
08-5401-**-**	Fringe Benefits IN to PC's & Depts.	71,324	17,228	54,095	24.2%
	Total Payroll Costs	203,579	45,942	157,637	22.6%
Other Expenses					
08-5011-**-**	Laboratory Services	3,064	1,790	1,274	58.4%
08-5015-**-**	Management Support Services	20,000	-	20,000	-
08-5016-**-**	Audit - Environmental	1,304	-	1,304	-
08-5017-**-**	Legal Fees	2,672	-	2,672	0.0%
08-5018-**-**	Public Notices/ Public Relations	1,500	-	1,500	-
08-5021-**-**	Small Vehicle Expense - 31A	1,128	-	1,128	-
08-5022-**-**	Miscellaneous Expense	2,032	-	2,032	-
08-5026-**-**	Small Vehicle Fuel - 37A	1,272	-	1,272	-
08-5027-**-**	Insurance - Property/Liability	7,170	5,115	2,055	71.3% (2)
08-5028-**-**	Small Tools & Supplies	3,668	-	3,668	0.0%
08-5034-**-**	Travel Expense/Tech. Conferences	3,500	-	3,500	-
08-5035-**-**	Training Expense	2,044	109	1,935	-
08-5038-**-**	Permits and Fines	508	-	508	-
08-5039-**-**	Membership Dues/Fees	816	113	703	13.8%
08-6500-**-**	IT Allocations in to PC's & Depts.	16,205	4,752	11,453	29.3%
	Total Other Expenses	66,883	11,879	55,004	17.8%
	Total Expenses	270,462	57,821	212,641	21.4%
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-**-**	Regular Salaries-O&M	13,572	14,963	(1,390)	110.2% (4)
12-5401-**-**	Fringe Benefits IN to PC's & Depts.	7,319	8,978	(1,658)	122.7% (4)
	Total Payroll Costs	20,892	23,940	(3,048)	114.6%
Other Expenses					
12-5015-**-**	Management Support Services	35,000	271	34,729	0.8%
12-5017-**-**	Legal Fees	2,000	-	2,000	-
12-5027-**-**	Insurance - Property/Liability	2,473	1,764	709	71.3% (2)
12-5034-**-**	Travel Expense/Tech. Conferences	5,696	-	5,696	0.0%
12-5038-**-**	Permits	25,500	-	25,500	0.0%
12-5039-**-**	Membership Dues/Fees	68	-	68	-
12-6500-**-**	IT Allocations in to PC's & Depts.	1,663	488	1,175	29.3%
	Total Other Expenses	72,401	2,523	69,878	3.5%
	Total Expenses	93,293	26,463	66,829	28.4%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-**-**	Regular Salaries-O&M	971,637	233,546	738,091	24.0%
15-5001-**-**	Overtime Salaries-O&M	13,732	4,668	9,064	34.0% (5)
15-5306-**-**	Scheduled Holiday Work	10,260	1,933	8,327	18.8%
15-5315-**-**	Comp Time - O&M	2,000	1,417	583	70.8% (5)
15-5401-**-**	Fringe Benefits IN to PC's & Depts.	523,990	140,128	383,862	26.7%
15-5700-**-**	Standby Pay	18,462	4,425	14,037	24.0%
	Total Payroll Costs	1,540,081	386,117	1,153,963	25.1%
Other Expenses					
15-5002-**-**	Electricity	300,000	119,717	180,283	39.9%
15-5003-**-**	Natural Gas	3,500	97	3,403	2.8%
15-5004-**-**	Potable & Reclaimed Water	24,000	5,880	18,120	24.5%
15-5006-**-**	Chlorine/Sodium Hypochlorite	100,000	49,219	50,781	49.2% (6)
15-5007-**-**	Polymer Products	-	-	-	-
15-5008-**-**	Ferric Chloride	105,000	56,091	48,909	53.4%
15-5009-**-**	Odor Control Chemicals	50,000	17,090	32,910	34.2%
15-5011-**-**	Laboratory Services	10,000	3,075	6,925	30.8%
15-5012-**-**	Grit Hauling	22,000	4,792	17,208	21.8%
15-5013-**-**	Landscaping	63,000	15,017	47,983	23.8%
15-5015-**-**	Management Support Services	13,000	2,236	10,764	17.2%
15-5017-**-**	Legal Fees	5,000	-	5,000	0.0%
15-5019-**-**	Contract Services Misc.	110,000	22,927	87,073	20.8%
15-5021-**-**	Small Vehicle Expense - 31A	4,000	3,182	818	79.6%
15-5022-**-**	Miscellaneous Expense	1,000	57	943	5.7%
15-5023-**-**	Office Supplies - All	5,000	1,633	3,367	32.7%
15-5024-**-**	Petroleum Products	4,000	-	4,000	0.0%
15-5025-**-**	Uniforms	10,000	3,025	6,975	30.3%
15-5026-**-**	Small Vehicle Fuel	2,000	1,064	936	53.2%
15-5027-**-**	Insurance - Property/Liability	79,422	56,656	22,766	71.3% (2)
15-5028-**-**	Small Tools & Supplies	9,000	5,210	3,790	57.9%
15-5030-**-**	Trash Disposal	3,000	561	2,439	18.7%
15-5031-**-**	Safety Supplies	33,456	3,894	29,562	11.6%
15-5032-**-**	Equipment Rental	1,000	-	1,000	-
15-5033-**-**	Recruitment	300	-	300	0.0%
15-5034-**-**	Travel Expense/Tech. Conferences	18,163	1,430	16,733	7.9%
15-5035-**-**	Training Expense	15,420	9,930	5,490	64.4% (2)
15-5036-**-**	Laboratory Supplies	20,000	5,745	14,255	28.7%
15-5037-**-**	Office Equipment	3,000	23	2,977	0.8%
15-5038-**-**	Permits	5,000	714	4,286	14.3%
15-5039-**-**	Membership Dues/Fees	3,423	5,604	(2,181)	163.7% (2)
15-5047-**-**	Access Road Expenses	45,000	2,460	42,540	0.05
15-5048-**-**	Storm Damage	20,000	-	20,000	-
15-5050-**-**	Contract Services Generators	5,000	5,111	(111)	102.2% (2)
15-5052-**-**	Janitorial Services	15,000	3,445	11,555	23.0%
15-5054-**-**	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-**-**	Diesel Truck Fuel - 37B	500	-	500	-
15-5057-**-**	Maintenance Equip. & Facilities (Liquids)	110,000	21,740	88,260	19.8%
15-5058-**-**	Maintenance Equip. & Facilities (Common)	24,000	397	23,603	1.7%
15-5060-**-**	Maintenance Equip. & Facilities (AWT)	39,000	962	38,038	2.5%
15-5061-**-**	Mileage	500	140	360	28.0%
15-5076-**-**	SCADA Infrastructure	31,200	-	31,200	0.0%
15-5077-**-**	IT Direct	15,000	-	15,000	0.0%
15-5303-**-**	Group Insurance Waiver	3,600	900	2,700	25.0%
15-5705-**-**	Monthly Car Allowance	4,200	1,050	3,150	25.0%
15-5797-**-**	Verily Stipends - WastewaterSCAN Monitoring	-	(1,950)	(1,950)	100.0%
15-6500-**-**	IT Allocations in to PC's & Depts.	119,057	34,912	84,145	29.3%
	Total Other Expenses	1,455,741	464,036	987,805	31.9%
	Total Expenses	2,995,822	850,154	2,141,768	28.4%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
17 - Joint Regional Wastewater Reclamation and Sludge Handling					
Salary and Fringe					
17-5000-**-**	Regular Salaries-O&M	1,884,409	465,195	1,419,215	24.7%
17-5001-**-**	Overtime Salaries-O&M	40,492	14,970	25,522	37.0% (5)
17-5306-**-**	Scheduled Holiday Work	27,356	10,259	17,097	37.5%
17-5315-**-**	Comp Time - O&M	7,024	3,584	3,440	51.0% (5)
17-5401-**-**	Fringe Benefits IN to PC's & Depts.	1,016,234	279,117	737,118	27.5%
17-5700-**-**	Standby Pay	47,692	11,425	36,267	24.0%
	Total Payroll Costs	3,023,208	784,549	2,238,659	26.0%
Other Expenses					
17-5002-**-**	Electricity	300,000	41,737	258,263	13.9%
17-5003-**-**	Natural Gas	235,000	66,396	168,604	28.3%
17-5004-**-**	Potable & Reclaimed Water	27,000	7,964	19,036	29.5%
17-5005-**-**	Co-generation Power Credit	(1,302,000)	(355,392)	(946,608)	27.3%
17-5006-**-**	Chlorine/Sodium Hypochlorite	60,000	19,024	40,976	31.7%
17-5007-**-**	Polymer Products	650,000	223,782	426,218	34.4%
17-5008-**-**	Ferric Chloride	475,000	146,140	328,860	30.8%
17-5009-**-**	Odor Control Chemicals	67,000	21,865	45,135	32.6%
17-5010-**-**	Other Chemicals - Misc.	1,000	-	1,000	-
17-5011-**-**	Laboratory Services	23,460	3,317	20,143	14.1%
17-5012-**-**	Grit Hauling - 21A	40,000	8,708	31,292	21.8%
17-5013-**-**	Landscaping	80,000	23,298	56,702	29.1%
17-5015-**-**	Management Support Services	17,500	5,787	11,713	33.1%
17-5017-**-**	Legal Fees	5,000	118	4,882	2.4%
17-5019-**-**	Contract Services Misc.	115,000	25,157	89,843	21.9%
17-5021-**-**	Small Vehicle Expense	8,000	3,570	4,430	44.6%
17-5022-**-**	Miscellaneous Expense	5,000	663	4,337	13.3%
17-5023-**-**	Office Supplies - All	13,000	3,168	9,832	24.4%
17-5024-**-**	Petroleum Products	12,000	8,634	3,366	72.0%
17-5025-**-**	Uniforms	32,000	9,199	22,801	28.7%
17-5026-**-**	Small Vehicle Fuel	9,000	2,443	6,557	27.1%
17-5027-**-**	Insurance - Property/Liability	212,048	151,266	60,782	71.3% (2)
17-5028-**-**	Small Tools & Supplies	30,000	15,064	14,936	50.2%
17-5030-**-**	Trash Disposal	3,000	2,505	495	83.5%
17-5031-**-**	Safety Supplies	39,428	25,446	13,982	64.5% (2)
17-5032-**-**	Equipment Rental	3,000	-	3,000	0.0%
17-5033-**-**	Recruitment	1,000	-	1,000	0.0%
17-5034-**-**	Travel Expense/Tech. Conferences	18,163	1,529	16,634	8.4%
17-5035-**-**	Training Expense	15,420	10,092	5,328	65.4% (2)
17-5036-**-**	Laboratory Supplies	25,660	6,127	19,533	23.9%
17-5037-**-**	Office Equipment	10,000	-	10,000	0.0%
17-5038-**-**	Permits	15,300	450	14,850	2.9%
17-5039-**-**	Membership Dues/Fees	3,423	6,223	(2,800)	181.8% (2)
17-5049-**-**	Biosolids Disposal	997,500	278,069	719,431	27.9% (3)
17-5050-**-**	Contract Services Generators - 29A	8,000	2,327	5,673	0.29
17-5052-**-**	Janitorial Services	37,000	8,918	28,083	24.1%
17-5053-**-**	Contract Serv - Digester Cleaning - 29E	65,000	-	65,000	0.0%
17-5054-**-**	Diesel Truck Maint	19,000	11,766	7,234	61.9%
17-5055-**-**	Diesel Truck Fuel	8,000	895	7,105	11.2%
17-5056-**-**	Maintenance Equip. & Facilities (Solids)	175,000	47,699	127,301	27.3%
17-5057-**-**	Maintenance Equip. & Facilities (Liquids)	200,000	113,444	86,556	56.7%
17-5058-**-**	Maintenance Equip. & Facilities (Common)	36,000	5,159	30,841	14.3%
17-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	539,700	137,541	402,159	25.5% (2)
17-5060-**-**	Maintenance Equip. & Facilities (AWT)	0	-	-	0.0%
17-5061-**-**	Mileage	1,000	97	903	9.7%
17-5068-**-**	MNWD Potable Water Supplies & Svcs.	44,880	6,145	38,735	13.7%
17-5076-**-**	SCADA Infrastructure	31,200	-	31,200	0.0%
17-5077-**-**	IT Direct	15,000	-	15,000	0.0%
17-5105-**-**	Co-Generation Power Credit - Offset	1,302,000	355,392	946,608	27.3%
17-5303-**-**	Group Insurance Waiver	7,200	3,254	3,946	45.2%
17-5305-**-**	Medicare Tax Payments for Employees	152	-	152	-
17-5705-**-**	Monthly Car Allowance	8,400	2,100	6,300	25.0%
17-5797-**-**	Verily Stipends - WastewaterSCAN Monitoring		(1,950)	(1,950)	100.0%
17-6500-**-**	IT Allocations in to PC's & Depts.	230,899	67,708	163,191	29.3%
	Total Other Expenses	4,975,334	1,522,846	3,448,588	30.6%
	Total Expenses	7,998,542	2,307,395	5,687,247	28.8%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC¹
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
21 - Effluent Transmission Main					
Other Expenses					
21-5017-**-**-**	Legal Fees	500	-	500	0.0%
21-5019-**-**-**-**	Contract Services Misc.	18,996	-	18,996	0.0%
	Total Other Expenses	19,496	-	19,496	0.0%
	Total Expenses	19,496	-	19,496	0.0%
23 - North Coast Interceptor					
Salary and Fringe					
23-5000-**-**-**-**		1,000	-	1,000	0.0%
23-5401-**-**-**-**		539	-	539	0.0%
	Total Payroll Costs	1,539	-	1,539	0.0%
Other Expenses					
23-5017-**-**-**-**	Legal Fees	500	-	500	0.0%
	Management Support Services	-	3,277	(3,277)	100.0%
	Total Other Expenses	500	3,277	(2,777)	655.4%
	Total Expenses	2,039	3,277	(1,238)	160.7%
24 - Aliso Creek Ocean Outfall					
Salary and Fringe					
24-5000-**-**-**-**	Regular Salaries-O&M	132,042	27,247	104,796	20.6%
24-5001-**-**-**-**	Overtime Salaries-O&M	504	1,188	(684)	235.6% (5)
24-5306-**-**-**-**	Scheduled Holiday Work	292	-	292	0.0%
24-5315-**-**-**-**	Comp Time - O&M	-	585	(585)	100.0% (5)
24-5401-**-**-**-**	Fringe Benefits IN to PC's & Depts.	71,209	16,348	54,861	23.0%
	Total Payroll Costs	204,047	45,367	158,680	22.2%
Other Expenses					
24-5015-**-**-**-**	Management Support Services	315,000	4,538	310,462	1.4%
24-5017-**-**-**-**	Legal Fees	3,000	-	3,000	0.0%
24-5027-**-**-**-**	Insurance - Property/Liability	24,872	17,743	7,129	71.3% (2)
24-5031-**-**-**-**	Safety Supplies	1,020	-	1,020	-
24-5034-**-**-**-**	Travel Expense/Tech. Conferences	5,696	1,210	4,486	21.2%
24-5035-**-**-**-**	Training Expense	1,087	39	1,048	0.04
24-5036-**-**-**-**	Laboratory Supplies	26,520	8,816	17,704	33.2%
24-5038-**-**-**-**	Permits	260,000	-	260,000	0.0%
24-5039-**-**-**-**	Membership Dues/Fees	1,000	44	956	0.04
24-5044-**-**-**-**	Offshore Monitoring	40,804	14,034	26,770	34.4%
24-5045-**-**-**-**	Offshore Biochemistry - 20B	15,000	-	15,000	-
24-5046-**-**-**-**	Effluent Chemistry	22,948	4,372	18,576	19.1%
24-5058-**-**-**-**	Maintenance Equip. & Facilities (Common) 41-C	1,004	663	341	66.0%
24-6500-**-**-**-**	IT Allocations in to PC's & Depts.	16,179	4,744	11,435	29.3%
	Total Other Expenses	734,131	56,203	677,927	7.7%
	Total Expenses	938,178	101,570	836,607	10.8%
Total O&M Expenses		20,234,898	5,389,434	14,833,763	26.6%

¹ This report intends to monitor the Annual Budget % Expended at the Project Committee and Functional Department levels.

The financial information contained in this report, in some cases, is based on the full accrual basis of accounting, whereby expenses are recognized in the period in which the liability is incurred, i.e., payroll and fringe benefits.

There are instances where we will include the total expense for the entire accounting fiscal year if the information is available, i.e., property and liability insurance premiums.

The audited financial statements for the fiscal year recognize all expenses on the full accrual basis of accounting.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended September 30, 2023

- (1) Overtime for two (2) nighttime shutdowns to repair critical equipment during low flow hours.
- (2) Annual charges incurred at the beginning of the Fiscal Year.
- (3) Biosolids costs are increased due to landfill closures on hotter days. This new type of closure was instituted in May 2023 at the landfill to help mitigate odor complaints at the landfill.
- (4) Salt and Nutrient Management Plan (SNMP) work effort is nearly complete for the year.
- (5) Staff over was elevated due to three (3) nighttime shutdowns to support the ACOO internal repair project.
- (6) Bleach usage elevated during the initial months of the Fiscal for summer AWT production at CTP.

South Orange County Wastewater Authority
Budget vs. Actual Comparison - Engineering

For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	194,546	23,567	170,979	12.1%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	104,916	14,140	90,775	13.5%
	Total Payroll Costs	299,462	37,708	261,754	12.6%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	2,000	323	1,677	16.2%
01-5034-03-00-00	Travel Expense/Tech. Conferences	8,500	-	8,500	-
01-5035-03-00-00	Training Expense	1,300	-	1,300	-
01-5037-03-00-00	Office Equipment	150	-	150	-
01-5039-03-00-00	Membership Dues/Fees	1,775	139	1,636	7.8%
01-5061-03-00-00	Mileage	250	-	250	0.0%
01-5077-03-00-00	IT Direct	250	-	250	0.0%
01-5309-03-00-00	Operating Leases	30,000	5,095	24,905	17.0%
01-5705-03-00-00	Monthly Car Allowance	4,200	646	3,554	15.4%
01-5802-03-00-00	Shipping/Freight	100	-	100	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,993	16,852	38,141	30.6%
	Total Other Expenses	103,518	23,056	80,462	22.3%
Total Engineering Expenses		402,980	60,764	342,216	15.1%

South Orange County Wastewater Authority
Budget vs. Actual Comparison- Administration
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	1,006,210	246,805	759,405	24.5%
01-6001-04-00-00	Overtime Salaries-Admin or IT	7,000	1,933	5,067	27.6%
01-6315-04-00-00	Comp Time - Admin	4,000	472	3,528	11.8%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	542,634	148,083	394,551	27.3%
	Total Payroll Costs	1,559,845	397,294	1,162,551	25.5%
Other Expenses					
01-6101-04-00-00	HR Recruitment & Employee Relations	48,100	6,695	41,405	13.9%
01-6102-04-00-00	Subscriptions	1,400	534	866	38.2%
01-6103-04-00-00	Contract Labor	30,000	11,315	18,685	37.7%
01-6200-04-00-00	Management Support Services	55,000	32,254	22,746	58.6%
01-6201-04-00-00	Audit	46,000	13,780	32,220	30.0%
01-6202-04-00-00	Legal	200,000	54,699	145,301	27.3%
01-6203-04-00-00	Outside Services	-	195	(195)	N/A
01-6204-04-00-00	Postage	1,500	685	815	45.7%
01-6223-04-00-00	Office Supplies - Admin	4,000	20	3,980	0.5%
01-6224-04-00-00	Office Equipment Admin or IT	1,000	2,337	(1,337)	233.7%
01-6234-04-00-00	Memberships & Trainings	105,000	24,422	80,578	23.3%
01-6239-04-00-00	Travel & Conference	25,000	1,759	23,241	7.0%
01-6240-04-00-00	Scholarship Sponsorship	1,000	-	1,000	
01-6241-04-00-00	Education Reimbursement	3,000	-	3,000	0.0%
01-6310-04-00-00	Miscellaneous	22,000	7,691	14,309	35.0%
01-6311-04-00-00	Mileage	600	-	600	0.0%
01-6317-04-00-00	Contract Services Misc	5,800	1,350	4,450	23.3%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	123,292	36,154	87,138	29.3%
01-6601-04-00-00	Shipping/Freight	1,200	816	384	68.0%
01-6705-04-00-00	Monthly Car Allowance	12,000	2,550	9,450	21.3%
	Total Other Expenses	685,892	197,257	488,635	28.8%
Total Admin Expenses		2,245,737	594,551	1,651,185	26.5%

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
For the Period Ended September 30, 2023
(in dollars)

		FY 2023-24 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	116,046	30,391	85,656	26.2%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	62,582	18,234	44,348	29.1%
	Total Salary & Fringe	178,629	48,625	130,004	27.2%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	-	1,000	-
01-6035-05-00-00	Training Expense	3,000	-	3,000	-
01-6224-05-00-00	Office Equipment Admin or IT	600	-	600	-
01-6234-05-00-00	Memberships & Trainings	2,750	-	2,750	0.0%
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	84,700	11,601	73,099	13.7%
01-6301-05-00-00	Hardware Maintenance Agreements	22,400	3,437	18,963	15.3%
01-6302-05-00-00	Cloud Subscriptions (Internet)	196,935	94,983	101,952	48.2% (1)
01-6303-05-00-00	Telecommunications	161,382	41,189	120,193	25.5%
01-6305-05-00-00	IT Professional Services	19,960	16,559	3,401	83.0% (1)
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	25,400	4,350	21,050	17.1%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	30,500	351	30,149	1.2%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,200	13,175	51,025	20.5%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	3,200	559	2,641	-
	Total Other Expenses	622,687	186,204	436,482	29.9%
Total Expenses before Allocation		801,315	234,829	566,486	29.3%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(801,315)	(234,829)	(566,486)	29.3%
	Total IT Allocations (Out) to PC's & Depts	(801,315)	(234,829)	(566,486)	29.3%

(1) Annual charges incurred at the beginning of the Fiscal Year.

Agenda Item

5.E.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Annual Comprehensive Financial Report (ACFR) for Fiscal Years ended June 30, 2023, and 2022 (Under Separate Cover)

Summary/Discussion

SOCWA is submitting the Annual Comprehensive Financial Report (ACFR) for the fiscal years ended June 30, 2023 and 2022.

The Authority's previous four (4) ACFR's have received The Government Finance Officers Association of the United States and Canada (GFOA) Award; a Certificate of Achievement for Excellence in Financial Reporting (attached).

GFOA's comments and suggestions for improvement of both ACFRs were minimal; GFOA's recommendations were acknowledged and are incorporated in the current year ACFR.

The ACFR includes the following documents (but not limited to) for your review:

- Independent Audit Report; an unmodified ("clean") opinion of the financials
- Management's Discussion and Analysis

The ACFR is presented to inform the readers about SOCWA, its services, service area and operations; and it provides a context to properly understand the financial statements and independent audit.

This package also includes a transmittal letter from The Pun Group to the Board of Directors.

Recommended Action: The Finance Committee recommends forwarding to the Board of Directors for consideration to receive and file the Annual Comprehensive Financial Report (ACFR), including the Independent Auditors Report for Fiscal Years ended June 30, 2023, and 2022.

November 16, 2023

www.pungroup.cpa

To the Board of Directors
of the South Orange County Wastewater Authority
Dana Point, California

We have audited the financial statements of the business-type activities of the South Orange County Wastewater Authority (the "Authority") for the years ended June 30, 2023. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated May 15, 2023. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Authority are described in Note 2 to the financial statements. As discussed in Note 2 to the financial statements, the Authority implemented the following accounting standards:

May 2020, GASB issued Statement No. 96, *Subscription-Based Information Technology Arrangements* (GASB Statement No. 96), to provide guidance on the accounting and financial reporting for subscription based information technology arrangements (SBITAs) for government end users (governments). This Statement (1) defines a SBITA; (2) establishes that a SBITA results in a right-to-use subscription asset - an intangible asset and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. GASB Statement No. 96 is effective for the Authority's fiscal year ended June 30, 2023.

No other new accounting policies were adopted and the application of existing policies was not changed during 2023. We noted no transactions entered into by the Authority during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the Authority's financial statements were:

- Management's estimate of the investment fair market value is based on information provided by the State of California for its investment in the Local Agency Investment Fund. We evaluated the key factors and assumptions used to develop the investment fair market value in determining that it is reasonable in relation to the financial statements taken as a whole.

- Management's estimate of the depreciation and amortization on capital assets and intangible asset - right to use asset is based on the industry standard and past experience on actual useful life of the asset groups. We evaluated the key factors and assumptions used to develop the depreciation and amortization on capital assets and intangible asset - right to use asset in determining that it is reasonable in relation to the financial statements taken as a whole.
- Management's estimate of the net other postemployment benefits ("OPEB") liability is based on the actuarial valuation on total OPEB liability and financial statements on fiduciary net position. We evaluated the key factors and assumptions used to develop the OPEB liability in determining that it is reasonable in relation to the financial statements taken as a whole.
- Management's estimate of the net pension liabilities is based on the actuarial valuation on total pension liability and based on audited financial statements on fiduciary net position for CalPERS plans. We evaluated the key factors and assumptions used to develop the net pension liability in determining that it is reasonable in relation to the financial statements taken as a whole.

Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. The most sensitive disclosures affecting the financial statements were:

- Note 2 - Summary of Significant Accounting Policies
- Note 7 - Other Postemployment Benefits ("OPEB")
- Note 8 - Defined Benefit Pension Plan
- Note 11 - Commitments and Contingencies
- Note 12 - Restatement of 2022 Financial Statements

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements. In addition, none of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to each opinion unit's financial statements taken as a whole.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated November 16, 2023.

To the Board of Directors
of the South Orange County Wastewater Authority
Dana Point, California
Page 3

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Authority's financial statements or a determination of the type of auditors' opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Authority's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to the Management's Discussion and Analysis, the Schedule of the Authority's Proportionate Share of the Net Pension Liability and Related Ratios, the Schedule of the Authority's Contributions - Pensions, the Schedule of Changes in Net OPEB Liability and Related Ratios, and the Schedule of the Authority's Contributions - OPEB, which is required supplementary information ("RSI") that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were not engaged to report on Introductory and the Statistical Section, which accompany the financial statements but are not RSI. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

Restriction on Use

This information is intended solely for the information and use of the Board of Directors and management of the Authority and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

A handwritten signature in black ink that reads "The PwC Group, LLP". The signature is written in a cursive, flowing style.

Santa Ana, California

South Orange County Wastewater Authority

**AU-C 260 Communication With
Those Charge With Governance**

For the Year Ended June 30, 2023

December 1, 2023



CONTENTS

- Required Communications (AU-C 260)
- Overview of Financial Statements
- Key Pension and OPEB Information
- Audit Results

Required Communications (AU-C 260)

OUR RESPONSIBILITY IN ACCORDANCE WITH PROFESSIONAL STANDARDS

- Form and express an opinion about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America
- Our responsibility is to plan and perform the audit to obtain “reasonable” assurance (not “absolute” assurance) about whether the financial statements are free of material misstatements.
- We considered internal control over financial reporting. Such considerations were solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.
- We concluded there are no conditions or events that raise substantial doubt about the Authority's ability to continues as a going concern.
- Communicate with those charged with governance.

Required Communications (AU-C 260)

- **Ethics and Independence**
 - Complied with ALL relevant ethical requirements regarding independence
- **Significant Accounting Policies**
 - The Authority disclosed all significant accounting policies in Note 2 to the financial statements.
- **Significant Estimates**
 - Investment fair value
 - Depreciation and amortization on capital assets
 - Net other postemployment benefits (“OPEB”) liability
 - Net pension liability

Required Communications (AU-C 260)

- **Sensitive Disclosures**

- Note 2 - Summary of Significant Accounting Policies
- Note 7 – Other Postemployment Benefits (“OPEB”)
- Note 8 – Defined Benefit Pension Plan
- Note 11 – Commitment and Contingencies
- Note 12- Restatement of 2022 Financial Statements

- **Misstatements**

- There were no material uncorrected misstatement.

Required Communications (AU-C 260)

- **Consultation with Other Accountants**
 - Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and other matters.
- **Significant Difficulties**
 - We encountered no significant difficulties in dealing with management.
- **Disagreement with Management**
 - We did not have any disagreement with management in terms of accounting treatments nor audit procedures performed.

OVERVIEW OF THE FINANCIAL STATEMENTS

Net Position @ June 30

	2023	2022 (As Restated)
Assets	\$ 172,566,000	\$ 173,122,000
Deferred Outflows of Resources	8,269,000	3,913,000
Liabilities	30,752,000	19,722,000
Deferred Inflows of Resources	2,501,000	9,733,000
Net Position:		
Investment in Capital Assets	160,801,000	161,146,000
Unrestricted	(13,218,000)	(13,566,000)
Total Net Position	<u>\$ 147,583,000</u>	<u>\$ 147,580,000</u>

Changes in Net Position

	2023	2022 (As Restated)
Operating revenue	\$ 24,177,000	\$ 23,250,000
Less: Operating expenses	(30,986,000)	(33,335,000)
Operating Income (Loss)	(6,809,000)	(10,085,000)
Nonoperating revenues (expenses)	(608,000)	317,000
Capital Contributions from Member Agencies	7,420,000	15,554,000
Changes in Net Position	\$ 3,000	\$ 5,786,000

KEY PENSION AND OTHER POSTEMPLOYMENT BENEFITS INFORMATION

Net Pension Liability

	2023 (MD 6/30/22)	2022 (MD 6/30/21)
Plan Total Pension Liability	\$ 66,443,000	\$ 62,175,000
Plan Fiduciary Net Position	(48,150,000)	(52,918,000)
Net Pension Liability	<u>\$ 18,293,000</u>	<u>\$ 9,257,000</u>
Funding Ratio	<u>72%</u>	<u>85%</u>
Contribution Made During the Fiscal Year	<u>\$ 1,943,000</u>	<u>\$ 1,784,000</u>

Net OPEB Liability

	2023 (MD 6/30/23)	2022 (MD 6/30/22)
Plan Total OPEB Liability	\$ 10,993,000	\$ 10,677,000
Plan Fiduciary Net Position	(6,218,000)	(5,728,000)
Net OPEB Liability	<u>\$ 4,775,000</u>	<u>\$ 4,949,000</u>
Funding Ratio	<u>57%</u>	<u>54%</u>
Contribution Made During the Fiscal Year	<u>\$ 710,000</u>	<u>\$ 667,000</u>

AUDIT RESULTS

Audit Results

- **Financial Statements**
 - Unmodified opinion
 - Financial Statements are fairly presented in all material respects
 - Significant accounting policies have been consistently applied
 - Estimates are reasonable
 - Disclosures are properly reflected in the financial statements
- **AU-C 265, *Communicating Internal Control Related Matters Identified in an Audit***
 - None Reported

**HQ - ORANGE COUNTY**

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Suite 600
Santa Ana, CA 92707

SAN DIEGO

4660 La Jolla Village Drive
Suite 100
San Diego, CA 92122

SACRAMENTO

1511 Corporate Way
Suite 220
Sacramento, CA 95831

WALNUT CREEK

2121 North California Boulevard
Suite 290
Walnut Creek, CA 94596

LAS VEGAS

1980 Festival Plaza Drive
Suite 300
Las Vegas, NV 89134

PHOENIX

2 N. Central Avenue
Suite 1800
Phoenix, AZ 85004

Agenda Item

5.F.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Final Use Audit, FY 2022-23 Budget vs. Actual (Under Separate Cover)

Summary/Discussion

FY 2022-23 Use Audit

The O&M usage variance was discussed during the Finance Committee Meeting held on September 19, 2023.

Recommended Action: The Finance Committee recommends forwarding to the Board of Directors for consideration to approve the FY 2022-23 Use Audit.

Agenda Item

5.G.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Fiscal Year 2022-23 Supplemental Financial Report

Summary/Discussion

South Orange County Wastewater Authority (SOCWA) Audited Financial Statements are at the Consolidated/Authority Level; the attached Balance Sheet/Statement of Net Position and the Income Statement/Statement of Revenues, Expenses, and Changes in Net Position distributes the Audited Financial Statements by Project Committee and Member Agency as directed by SOCWA's Board of Directors.

The reports included are as follows:

- a. Management Discussion and Analysis of Supplemental Financial Statements
- b. Balance Sheet/Statement of Net Position as of June 30, 2023
- c. Income Statement/Statement of Revenues, Expenses, and Changes in Net Position for the Fiscal Year Ended June 30, 2023

Recommended Action: The Finance Committee recommends forwarding to the Board of Directors for consideration to receive and file the Supplemental Financial Statements for Fiscal Year ended June 30, 2023.



South Orange County Wastewater Authority

MANAGEMENT DISCUSSION AND ANALYSIS

Supplemental Financial Statements by Project Committee and Member Agency For Fiscal Year Ended June 30, 2023

South Orange County Wastewater Authority (SOCWA or Authority) Board Approved Audited Financial Statements are at the Consolidated/Authority Level; the attached Balance Sheet/Statement of Net Position and the Income Statement/Statement of Revenues, Expenses, and Changes in Net Position distributes the Audited Financial Statements by Project Committee and Member Agency as directed by SOCWA's Board of Directors.

Key/Significant Board Approved Methodologies and other guidelines used to prepare the Statements are as set forth below:

I. Balance Sheet/Statement of Net Position:

Cash and Investments by Member Agency include the following items as of June 30, 2023:

Cash and Investments by Member Agency									
Member Agency	Cash Roll Forward Balances				O&M Use Audit	Compensated Absences ⁵	Other Cash ⁶	Total	Mbr. Agcy Agency %
	Large Capital ¹	Small Capital ²	Non- Capital ³	Non-Cap. Misc. ⁴					
City of Laguna Beach	\$854,141	\$125,540	\$1,031	\$107	(\$105,581)	\$85,067	\$24,136	\$984,440	
City of San Clemente	6,492	(2,159)	9,889	33	20,967	6,661	(3)	41,879	
City of San Juan Capistrano	(43,728)	30,744	6,593	(3,770)	169,578	73,303	379	233,099	
Emerald Bay Service District	62,670	9,917	55	21	(5,719)	4,333	1,703	72,980	
El Toro Water District	625,097	(5,068)	1,682	(825)	(124,485)	23,787	13,816	534,004	
Irvine Ranch Water District	313,950	(2,047)	36	32	43,821	5,201	6,110	367,103	
Moulton Niguel Water District	2,247,060	272,767	21,852	(4,714)	1,244,237	304,509	47,084	4,132,794	
South Coast Water District	651,390	157,803	8,252	(2,955)	92,335	162,124	14,617	1,083,566	
Santa Margarita Water District	(6,794)	11,108	26,370	(2,737)	(610,718)	115,357	6,633	(460,781)	
Trabuco Canyon Water District					28,411	412	(201)	28,621	
Cash by Member Agency	\$4,710,278	\$598,604	\$75,759	(\$14,809)	\$752,847	\$780,753	\$114,274	\$7,017,705	74.9%
Cash for Accounts Payable, Payroll Accrual, Prepaid Expense, oth AR & LAIF FMV								2,349,900	25.1%
Total Cash								\$9,367,605	100.00%

¹Large Capital's cash balance was \$4,710,278 before the Use Audit; a refund of \$359,531 will be paid in the Use Audit Settlement.

²Small Capital's cash balance was \$598,604; a refund of \$513,592 will be paid in the Use Audit Settlement and \$85 thousand is a carryover to complete a project in progress.

³Non-Capital's cash balance was \$75,759; the total amount will be refunded in the Use Audit Settlement.

⁴Non-Capital Miscellaneous' cash balance was a negative \$14,809; this amount will offset refunds in the Use Audit Settlement.



⁵Compensated Absences are employees earned paid time off (PTO) but not yet taken.

⁶Additional Cash, \$114,274, is primarily Interest Income on capital cash balances in LAIF.

The Authority has identified 75% of its Cash by Member Agency. The remaining cash, \$2.3 million, is primarily accounts payable obligations. Accounts payable is only recorded by Project Committee due to their short-term nature, and the corresponding debit is recorded to O&M expenses and Capital expenditures, which is maintained by Project Committee and Member Agency.

Receivables:

All Member Agencies invoices were paid except for an open item with Moulton Niguel Water District, for additional budget of \$610,947, which has been paid as of this writing. Other receivables, \$55,406, are \$25.7 thousand related to the cost-sharing agreement for the wall separating JB Latham and the Condominiums, \$14.6 thousand due from Santa Margarita Water District for State Water Resources Control Board fees; \$12 thousand stipends due from Verily, and Pre-Treatment billings to commercial businesses, \$2.9 thousand.

Due from Member Agencies:

Fiscal Year 2022-23 unsettled Use Audit, expenditures greater than amounts invoiced to the Member Agencies. Project Committee and Member Agency distribution are from the Use Audits.

LAIF Interest Receivable:

Distributed by Project Committee and Member Agency based on FY 2022-23 Large Capital Cash Balance per agreement with the Finance Officers.

Capital Assets:

Capital Assets are owned by SOCWA; therefore, they are only tracked by Project Committee.

GASB 68 Pension and GASB 75 OPEB (retiree health) related deferred outflows of resources:

Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.



Due to Member Agencies:

Fiscal year 2022-23 unsettled Use Audits, expenditures less than amounts invoiced to the Member Agencies. Project Committee and Member Agency distribution are from the Use Audits.

Compensated Absences-Current and Long Term:

Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.

GASB 75 Net OPEB (retiree health) Liability:

Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.

GASB 68 Net Pension Liability:

Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.

GASB 68 Pension and GASB 75 OPEB (retiree health) related deferred inflow of resources:

Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.



II. Income Statement/Statement of Revenues, Expenses and Changes in Net Position:

Operating Revenues are from FY 2022-23 Use Audit and are equal to actual FY 2022-23 total O&M expenses.

SOCWA by Member Agency	Actual Spending and Actual Usage						
	O&M			Small Capital	Large Capital	Non-Capital	Non-Capital Misc.
	FY 2022-23 Budget ¹	FY 2022-23 Actual	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget
City of Laguna Beach	\$2,159,704	\$2,265,285	(\$105,581)	\$115,444	(\$783)	1,031	107
City of San Clemente	213,036	192,069	20,967	(2,159)		9,889	33
City of San Juan Capistrano	2,226,344	2,056,766	169,578	23,148		6,593	(3,770)
El Toro Water District	933,236	1,057,721	(124,485)	(9,172)	1,950	1,682	(825)
Emerald Bay Service District	153,244	158,963	(5,719)	9,185	(63)	55	21
IRWD (c.o. El Toro W.D.)	220,082	176,261	43,821	(2,047)		36	32
Moulton Niguel Water District	10,934,012	9,689,775	1,244,237	230,079	359,046	21,852	(4,714)
Santa Margarita Water District	3,145,360	3,756,078	(610,718)	5,396		26,370	(2,737)
South Coast Water District	4,238,700	4,146,365	92,335	143,719	(619)	8,252	(2,955)
Trabuco Canyon Water District	61,528	33,117	28,411				
Total Member Agency	\$24,285,246	\$23,532,399	\$752,847	\$513,592	\$359,531	75,759	(14,809)

South Orange County Wastewater Authority Statement of Revenues, Expenses and Changes in Net Position For the year ended June 30, 2023

	SOCWA Actual 6/30/2023	PC23 Actual 6/30/2023	PC10 Actual 6/30/2023	Consolidated Actual 6/30/2023
OPERATING REVENUES				
O & M Member Agency Assessments				
City of Laguna Beach	\$2,265,285	\$644,673		\$2,909,957
City of San Clemente	192,069		(35)	192,034
City of San Juan Capistrano	2,056,766			2,056,766
El Toro Water District	1,057,721			1,057,721
Emerald Bay Service District	158,963			158,963
Irvine Ranch Water District	176,261			176,261
Moulton Niguel Water District	9,689,775			9,689,775
Santa Margarita Water District	3,756,078			3,756,078
South Coast Water District	4,146,365			4,146,365
Trabuco Canyon Water District	33,117			33,117
Total O & M Member Agency Assessments	\$23,532,399	\$644,673		\$24,177,037



Operating Expenses:

Unfunded Pension Liability (UAL) and Other Post-Employment Benefits (OPEB) annual expense is distributed by Project Committee and Member Agency using the Board Approved Actuarial Methodology.

O&M Direct expenses are from FY 2022-23 Use Audit, O&M and Environmental Compliance, Safety actual expenses are distributed by Project Committee and Member Agency based on actual where worked labor costs and actual flows, solids, AWT, etc. distribution.

Admin, General Fund and Engineering are from FY 2022-23 Use Audit distribution by Project Committee and Member Agency.

Unallocated portion of pension and OPEB expense (amounts not included in O&M expenses):

Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.

Other Expenses:

Non-Capital Engineering is from the Cash Roll Forward by Project Committee and Member Agency. These are engineering assessments, studies, reports, etc., that will not become a Capital Project.

Severance Accrual, \$420 thousand.

Regional Treatment Plant AWT capital assets transfer to Moulton Niguel Water District, \$1.2 million.



Additional Cash Payment to Member Agencies were the payments to Member Agencies for Cash from Other Sources as of June 30, 2022.

	CLB	CSC	CSJC	ETWD	EBS	IRWD	MNWD	SMWD	SCWD	TCWD	Total
	Total Additional Cash										
PC 2			\$2,996				\$2,185	\$2,757	\$2,186		\$10,124
PC 5		37	25				35	99	30		227
PC 8	1	6	1	1	0	3	6	8	5		32
PC 12			2				4	4	2	2	14
PC 15	1,900				145		1,342		1,455		4,842
PC 17	1,466			2,507	77		18,654		1,172		23,876
PC 21				1,073		1,073	342		0		2,488
PC 23	1										1
PC 24	114			169	8	163	455		128		1,037
Total	\$3,483	\$43	\$3,024	\$3,750	\$230	\$1,240	\$23,023	\$2,868	\$4,978	\$2	\$42,640
% Share	8.2%	0.1%	7.1%	8.8%	0.5%	2.9%	54.0%	6.7%	11.7%	0.0%	100.0%

Depreciation and Amortization are only tracked by Project Committee because SOCWA owns the Capital Assets.

Capital Contributions:

Large Capital, Small Capital and Non-Capital Engineering quarterly invoices to Member Agencies by Project Committee and Member Agencies Net of Use Audit Adjustment for Closed Capital Projects.

Non-Operating Revenues (Expenses):

Grant Revenue:

The Cash received for the Grant Revenue was included in Large Capital Cash Roll Forward by Project Committee, capital project and Member Agency for Co-Gen Projects.

Interest Income:

Distributed by Project Committee and Member Agency based on FY 2022-23 Large Capital Cash Balance per agreement with the Finance Officers.

Recycling Income was distributed by Member Agency based on capital ownership percentages.

South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2023

	General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC 23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %s
	01															
ASSETS																
Current Assets																
Cash and Investments by Member Agency:¹																
City of Laguna Beach	\$ -	\$ -	\$ -	\$ -	\$4,137	\$ -	\$812,284	\$119,853	\$ -	\$5,274	\$42,891	\$984,440	\$ -	\$ -	\$984,440	
City of San Clemente				29,444	12,436							41,880			41,880	
City of San Juan Capistrano		173,887		21,622	13,675	23,914						233,099			233,099	
Emerald Bay Service District					5,630		60,244	3,562		326	3,218	72,980			72,980	
El Toro Water District					5,590	20		169,837	294,215		64,342	534,004			534,004	
IRWD (c.o. El Toro W.D.)					7,696	31			295,874		63,502	367,103			367,103	
Moulton Niguel Water District		402,157	14,865	37,991	8,629	69,103	663,366	2,617,654	127,748		191,281	4,132,794			4,132,794	
South Coast Water District		110,844		24,240	14,135	31,237	772,619	83,050			47,442	1,083,566			1,083,566	
Santa Margarita Water District		(629,115)	2,921	86,856	6,601	71,958						(460,781)			(460,781)	
Trabuco Canyon Water District						28,621						28,621			28,621	
Total Cash and Investments by Member Agency		57,773	17,786	200,153	78,528	224,884	2,308,513	2,993,956	717,837	5,600	412,675	7,017,705			7,017,705	
Cash for Accounts Payable, Payroll Accrual & Prepaid Expense	(81,876)	2,260,942		(2,362)	708	10,738	160,089	(4,294)	(37)		5,993	2,349,900			2,349,900	
Total Cash and Investments ⁵	(81,876)	2,318,714	17,786	197,791	79,236	235,622	2,468,602	2,989,662	717,800	5,600	418,668	9,367,605			9,367,605	
Receivables:²																
Moulton Niguel Water District		99,974		8,132	393	5,949	7,535	466,033	37		22,894	610,947			610,947	
Santa Margarita Water District						14,602						14,602			14,602	
Lab Work and Zephyr Wall Billings		29,768			2,935		4,050	4,050				40,803			40,803	
Total Accounts Receivable		129,742		8,132	3,328	20,552	11,585	470,083	37		22,894	666,353			666,353	
Due from Member Agencies³																
City of Laguna Beach							55,204	75,793			1,429	132,426	(110)		132,316	
City of San Clemente				2,159								2,159			2,159	
City of San Juan Capistrano		3,793		1,439								5,232			5,232	
Emerald Bay Service District							6,090	6,655			101	12,846			12,846	
El Toro Water District								173,767			2,118	175,885			175,885	
IRWD (c.o. El Toro W.D.)											2,047	2,047			2,047	
Moulton Niguel Water District		2,792		2,015			820	2,470			5,697	13,794			13,794	
South Coast Water District		3,066		1,620			837	72,593			1,599	79,715			79,715	
Santa Margarita Water District		726,991		5,758								732,749			732,749	
Trabuco Canyon Water District												-			-	
Total Due from Member Agencies		736,642		12,992			62,950	331,278			12,992	1,156,854	(110)		1,156,744	
LAIF Interest Receivable⁴																
City of Laguna Beach							9,712	2,215			362	12,289			12,289	
City of San Clemente				96								96			96	
City of San Juan Capistrano		(1,833)		64								(1,770)			(1,770)	
Emerald Bay Service District							766	117			26	908			908	
El Toro Water District								3,969	4,109		537	8,615			8,615	
IRWD (c.o. El Toro W.D.)									4,109		519	4,628			4,628	
Moulton Niguel Water District		(1,325)		89			7,493	15,887	1,787		1,444	25,376			25,376	
South Coast Water District		(1,409)		72			7,773	1,769			405	8,611			8,611	
Santa Margarita Water District		(1,420)		255								(1,164)			(1,164)	
Trabuco Canyon Water District																
Total LAIF Interest Receivable		(5,986)	-	576	-	-	25,744	23,957	10,006	-	3,293	57,590			57,590	
Total Receivables, net	-	860,398	-	21,700	3,328	20,552	100,280	825,318	10,043	-	39,179	1,880,797	(110)		1,880,687	

^{*}PC 23 Assets are owned by SOCWA ; recordkeeping is done by the City of Laguna Beach, any differences between SOCWA's books and the City of Laguna Beach are added to SOCWA's annual financial statements.

^{*}PC 10 Assets are owned by SOCWA ; recordkeeping is done by the City of San Clemente, any differences between SOCWA's books and the City of San Clemente are added to SOCWA's annual financial statements.

¹Cash includes capital balances from the cash roll forward, O&M Use Audit, compensated absences and additional cash from other sources.

²AR primarily consists of FY 2022-23 Budget amendment billing to MNWD approved by BOD on 5/4/23 in the amount of \$606,080.

³Use Audit costs greater than amount invoiced.

⁴Distributed by Project Committee and Member Agency based on Large Capital Cash Balance as of 6/30/2023.

⁵PC 3 Cash for GASB 68 Pension and GASB 75 OPEB (retiree health) distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.

South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2023

	General Agency 01	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC 23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %s
Prepaid items	217,637	94,697					14,882	196				327,412			327,412	
Total Current Assets	135,761	3,273,809	17,786	219,491	82,564	256,174	2,583,763	3,815,176	727,843	5,600	457,846	11,575,814	(110)		11,575,704	
Noncurrent Assets																
Land		653,224					7,160,000	6,589,000				14,402,224			14,402,224	
Capital Assets Not Depreciated		14,203,543					3,221,324	767,091	449,504		77,976	18,719,438	185,899		18,905,336	
Capital assets and lease assets, depreciable, net ⁹		40,427,018		2,111,581			38,351,934	36,186,499	1,643,442	2,990,563	88,201	121,799,237	3,949,187	1,741,192	127,489,617	
Intangible assets, net	193,513											193,513			193,513	
Total Noncurrent Assets	193,513	55,283,785	-	2,111,581	-	-	48,733,259	43,542,589	2,092,946	2,990,563	166,177	155,114,412	4,135,086	1,741,192	160,990,690	
Total ASSETS	329,274	58,557,594	17,786	2,331,072	82,564	256,174	51,317,022	47,357,765	2,820,789	2,996,163	624,024	166,690,226	4,134,976	1,741,192	172,566,394	
Deferred Outflows of Resources																
Pensions related deferred outflows of resources⁶																
City of Laguna Beach					13,362		615,366	164,805			22,362	815,894			815,894	10.72%
City of San Clemente				31,290	21,984							53,274			53,274	0.70%
City of San Juan Capistrano		733,837		27,699	18,519	1,551						781,606			781,606	10.27%
Emerald Bay Service District					1,496		26,898	6,436			1,013	35,844			35,844	0.47%
El Toro Water District					10,542	770		210,460			39,841	261,612			261,612	3.44%
IRWD (c.o. El Toro W.D.)					21,381	1,248					34,220	56,849			56,849	0.75%
Moulton Niguel Water District		425,899	564,565	23,238	42,556	9,660	66,245	2,160,007			55,073	3,347,243			3,347,243	43.99%
South Coast Water District		582,503		21,371	32,899	2,098	675,081	117,127			12,016	1,443,095			1,443,095	18.96%
Santa Margarita Water District		591,994	110,860	59,772	42,528	9,160						814,314			814,314	10.70%
Trabuco Canyon Water District																0.00%
Total Pensions related deferred outflows of resources		2,334,233	675,425	163,370	205,268	24,486	1,383,589	2,658,835			164,524	7,609,730			7,609,730	100.00%
OPEB related deferred outflows of resources:⁶																
City of Laguna Beach					1,157		53,282	14,270			1,936	70,644			70,644	10.72%
City of San Clemente				2,709	1,903							4,613			4,613	0.70%
City of San Juan Capistrano		63,539		2,398	1,603	134						67,676			67,676	10.27%
Emerald Bay Service District					130		2,329	557			88	3,104			3,104	0.47%
El Toro Water District					913	67		18,223			3,450	22,652			22,652	3.44%
IRWD (c.o. El Toro W.D.)					1,851	108					2,963	4,922			4,922	0.75%
Moulton Niguel Water District		36,877	48,883	2,012	3,685	836	5,736	187,025			4,769	289,822			289,822	43.99%
South Coast Water District		50,436		1,850	2,849	182	58,452	10,141			1,040	124,951			124,951	18.96%
Santa Margarita Water District		51,258	9,599	5,175	3,682	793						70,508			70,508	10.70%
Trabuco Canyon Water District																0.00%
Total OPEB related deferred outflows of resources		202,110	58,482	14,145	17,773	2,120	119,798	230,216			14,245	658,890			658,890	100.00%
Total deferred outflows of resources		2,536,343	733,906	177,515	223,041	26,606	1,503,388	2,889,051			178,770	8,268,620			8,268,620	

⁶Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology.

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South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2023

	General Agency 01	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC 23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %s
LIABILITIES																
Current Liabilities																
Accounts Payable	198,004	2,412,746		4,122	1,326	5,257	152,328	385,126			26,488	3,185,397			3,185,397	
Due to Member Agencies⁷																
City of Laguna Beach					3,474		120,602	1,286			17,282	142,644	(109)		142,535	
City of San Clemente				21,713	9,176							30,889			30,889	
City of San Juan Capistrano		147,910		16,483	12,723	23,665						200,781			200,781	
Emerald Bay Service District					5,347		9,501	75			1,403	16,325			16,325	
El Toro Water District					5,174	20		3,595	9,848		26,398	45,034			45,034	
IRWD (c.o. El Toro W.D.)					5,512	31			11,521		26,824	43,889			43,889	
Moulton Niguel Water District		387,798	14,865	30,850	5,257	66,169	135,721	1,130,185	4,113		89,335	1,864,293			1,864,293	
South Coast Water District		94,106		18,455	11,044	30,851	146,191	1,022			18,778	320,447			320,447	
Santa Margarita Water District		11,154	2,921	66,299	1,922	68,766						151,061			151,061	
Trabuco Canyon Water District						28,411						28,411			28,411	
Total Due to Member Agencies		640,969	17,786	153,800	59,627	217,913	412,015	1,136,162	25,482	-	180,020	2,843,773	(109)		2,843,664	
Accrued payroll and related liabilities	346,314	72,235		1,648	2,709	5,219	33,828	80,459			2,399	544,810			544,810	
Compensated Absences -due within one year⁶																
City of Laguna Beach					420		40,514	9,774			1,270	51,979			51,979	10.90%
City of San Clemente				2,038	2,032							4,070			4,070	0.85%
City of San Juan Capistrano		42,540		1,359	637	255						44,791			44,791	9.39%
Emerald Bay Service District					196		1,923	439			90	2,648			2,648	0.55%
El Toro Water District					277			12,376			1,882	14,535			14,535	3.05%
IRWD (c.o. El Toro W.D.)					1,358						1,820	3,178			3,178	0.67%
Moulton Niguel Water District		29,321		1,902	2,083	2,079	2,414	143,205			5,063	186,067			186,067	39.00%
South Coast Water District		35,559		1,529	1,937	369	50,823	7,426			1,421	99,064			99,064	20.77%
Santa Margarita Water District		59,937		5,435	2,868	2,248						70,487			70,487	14.78%
Trabuco Canyon Water District						251						251			251	0.05%
Total Compensated Absences-due within one year		167,357		12,263	11,808	5,203	95,674	173,220			11,546	477,071			477,071	100.00%
Lease Liability - due within one year																
Lease Liability - Short Term ⁹	43,496											43,496			43,496	
Total Current Liabilities	587,814	3,293,307	17,786	171,833	75,470	233,592	693,845	1,774,966	25,482	-	220,452	7,094,547	(109)		7,094,438	

⁷Use Audit costs less than amount invoiced.

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South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2023

	General Agency 01	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC 23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %s
Noncurrent Liabilities																
Accrued Payroll and related liabilities - due in more than one year	140,014											140,014			140,014	
Compensated Absences -due in more than one year⁶																
City of Laguna Beach					268		25,790	6,222			808	33,088			33,088	10.90%
City of San Clemente				1,297	1,293							2,591			2,591	0.85%
City of San Juan Capistrano		27,079		865	406	162						28,512			28,512	9.39%
Emerald Bay Service District					125		1,224	279			57	1,685			1,685	0.55%
El Toro Water District					176			7,878			1,198	9,252			9,252	3.05%
IRWD (c.o. El Toro W.D.)					865						1,158	2,023			2,023	0.67%
Moulton Niguel Water District		18,665		1,211	1,326	1,324	1,536	91,158			3,223	118,442			118,442	39.00%
South Coast Water District		22,635		973	1,233	235	32,352	4,727			905	63,060			63,060	20.77%
Santa Margarita Water District		38,153		3,460	1,825	1,431						44,869			44,869	14.78%
Trabuco Canyon Water District						160						160			160	0.05%
Total Compensated Absences -due in more than one year		106,532		7,806	7,516	3,312	60,902	110,264			7,350	303,682			303,682	100.00%
Net other postemployment benefits obligation (OPEB)⁶																
City of Laguna Beach					8,384		386,104	103,405			14,031	511,923			511,923	10.72%
City of San Clemente				19,633	13,793							33,426			33,426	0.70%
City of San Juan Capistrano		460,438		17,379	11,620	973						490,410			490,410	10.27%
Emerald Bay Service District					939		16,877	4,038			636	22,490			22,490	0.47%
El Toro Water District					6,614	483		132,051			24,998	164,145			164,145	3.44%
IRWD (c.o. El Toro W.D.)					13,415	783					21,471	35,669			35,669	0.75%
Moulton Niguel Water District		267,225	354,230	14,580	26,701	6,061	41,564	1,355,271			34,555	2,100,189			2,100,189	43.99%
South Coast Water District		365,485		13,409	20,642	1,316	423,571	73,490			7,539	905,453			905,453	18.96%
Santa Margarita Water District		371,440	69,558	37,504	26,684	5,747						510,932			510,932	10.70%
Trabuco Canyon Water District																0.00%
Total OPEB		1,464,587	423,787	102,505	128,793	15,363	868,117	1,668,255			103,229	4,774,637			4,774,637	100.00%
Net Pension Liability⁶																
City of Laguna Beach					32,121		1,479,270	396,172			53,755	1,961,317			1,961,317	10.72%
City of San Clemente				75,218	52,846							128,064			128,064	0.70%
City of San Juan Capistrano		1,764,062		66,585	44,518	3,727						1,878,892			1,878,892	10.27%
Emerald Bay Service District					3,597		64,661	15,472			2,435	86,164			86,164	0.47%
El Toro Water District					25,341	1,850		505,921			95,773	628,885			628,885	3.44%
IRWD (c.o. El Toro W.D.)					51,398	3,001					82,260	136,659			136,659	0.75%
Moulton Niguel Water District		1,023,813	1,357,151	55,862	102,300	23,222	159,245	5,192,413			132,390	8,046,395			8,046,395	43.99%
South Coast Water District		1,400,271		51,372	79,087	5,042	1,622,817	281,561			28,886	3,469,036			3,469,036	18.96%
Santa Margarita Water District		1,423,086	266,494	143,686	102,233	22,018						1,957,518			1,957,518	10.70%
Trabuco Canyon Water District																0.00%
Total Net Pension Liability		5,611,232	1,623,644	392,723	493,441	58,862	3,325,993	6,391,538			395,498	18,292,931			18,292,931	100.00%
Lease Liability - due in more than one year																
Lease Liability - Long Term ⁹	145,814											145,814			145,814	
Total Noncurrent Liabilities	285,828	7,182,352	2,047,432	503,033	629,750	77,537	4,255,012	8,170,057			506,077	23,657,078			23,657,078	
Total LIABILITIES	873,642	10,475,658	2,065,217	674,867	705,220	311,130	4,948,857	9,945,024	25,482	-	726,529	30,751,625	(109)		30,751,516	

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South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2023

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC 23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %'s
01															
Deferred Inflows															
Pensions related deferred inflows of resources ⁶															
City of Laguna Beach				2,810		129,410	34,658			4,703	171,581			171,581	10.72%
City of San Clemente			6,580	4,623							11,203			11,203	0.70%
City of San Juan Capistrano	154,325		5,825	3,895	326						164,370			164,370	10.27%
Emerald Bay Service District				315		5,657	1,354			213	7,538			7,538	0.47%
El Toro Water District				2,217	162		44,259			8,378	55,016			55,016	3.44%
IRWD (c.o. El Toro W.D.)				4,496	263					7,196	11,955			11,955	0.75%
Moulton Niguel Water District	89,566	118,727	4,887	8,949	2,032	13,931	454,246			11,582	703,919			703,919	43.99%
South Coast Water District	122,499		4,494	6,919	441	141,968	24,632			2,527	303,480			303,480	18.96%
Santa Margarita Water District	124,495	23,314	12,570	8,944	1,926						171,249			171,249	10.70%
Trabuco Canyon Water District															0.00%
Total Pensions related deferred inflows of resources	490,885	142,041	34,356	43,167	5,149	290,966	559,148			34,599	1,600,313			1,600,313	100.00%
OPEB related deferred inflows of resources ⁶															
City of Laguna Beach				1,581		72,819	19,502			2,646	96,548			96,548	10.72%
City of San Clemente			3,703	2,601							6,304			6,304	0.70%
City of San Juan Capistrano	86,838		3,278	2,191	183						92,490			92,490	10.27%
Emerald Bay Service District				177		3,183	762			120	4,242			4,242	0.47%
El Toro Water District				1,247	91		24,905			4,715	30,958			30,958	3.44%
IRWD (c.o. El Toro W.D.)				2,530	148					4,049	6,727			6,727	0.75%
Moulton Niguel Water District	50,398	66,807	2,750	5,036	1,143	7,839	255,602			6,517	396,092			396,092	43.99%
South Coast Water District	68,930		2,529	3,893	248	79,885	13,860			1,422	170,767			170,767	18.96%
Santa Margarita Water District	70,053	13,118	7,073	5,033	1,084						96,361			96,361	10.70%
Trabuco Canyon Water District															0.00%
Total OPEB related deferred inflows of resources	276,219	79,926	19,332	24,290	2,898	163,726	314,630			19,469	900,489			900,489	100.00%
Total Deferred Inflows	767,104	221,966	53,689	67,458	8,047	454,692	873,779			54,068	2,500,802			2,500,802	
NET POSITION															
Invested in Capital Assets	4,203	55,283,785		2,111,581		48,733,259	43,542,589	2,092,946	2,990,563	166,177	154,925,102	4,135,086	1,741,192	160,801,380	
Unrestricted (deficit)	(548,570)	(5,432,611)	(1,535,492)	(331,549)	(467,073)	(36,397)	(1,316,398)	(4,114,576)	702,361	5,600	(143,981)	(13,218,684)		(13,218,684)	
Total NET POSITION ⁸	(\$544,367)	\$49,851,174	(\$1,535,492)	\$1,780,032	(\$467,073)	(\$36,397)	\$47,416,861	\$39,428,014	\$2,795,307	\$2,996,163	\$22,196	\$141,706,418	\$4,135,086	\$1,741,192	\$147,582,696

⁸Total Net Position by PC has negative balances in some PCs due to Pension and OPEB liabilities and no Investments in Capital Assets to offset it.

⁹The Authority implemented GASB 87, Right to Use Assets:

- Office Space, JBL, and Engineering Trailers
- Printers and Copiers, 2 Xerox large copiers at JBL office building, 1 Xerox at JBL Engineering Trailer

The Authority implemented GASB 96, Right-to-use subscription intengible assets in FY 2022-23, an increase of \$8.9 thousand

- Software: Boardroom AVI

South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2023

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %'s
01															
OPERATING REVENUES															
O & M Member Agency Assessments¹															
City of Laguna Beach	\$ -			\$ 11,002		\$ 1,520,297	\$ 658,024			\$ 75,961	\$ 2,265,284	\$ 644,674		\$ 2,909,957	
City of San Clemente			146,217	45,852							192,069		(35)	192,034	
City of San Juan Capistrano	1,935,333		87,912	11,573	21,947						2,056,766			2,056,766	
Emerald Bay Service District				5,273		105,458	40,504			7,728	158,963			158,963	
El Toro Water District				6,678	188		935,103			115,752	1,057,721			1,057,721	
IRWD (c.o. El Toro W.D.)				37,739	305					138,217	176,261			176,261	
Moulton Niguel Water District	1,366,667	137,783	117,253	48,400	54,245	223,855	7,451,306			290,266	9,689,775			9,689,775	
South Coast Water District	1,637,283		95,861	43,176	22,145	1,749,167	517,273			81,459	4,146,365			4,146,365	
Santa Margarita Water District	3,267,957	27,055	334,852	67,382	58,830						3,756,078			3,756,078	
Trabuco Canyon Water District					33,117						33,117			33,117	
Total	8,207,241	164,838	782,096	277,076	190,777	3,598,777	9,602,211			709,382	23,532,399	644,674	(35)	24,177,037	
OPERATING EXPENSES															
O&M Direct Expenses:															
City of Laguna Beach				6,798		1,203,057	542,492			61,909	1,814,255	644,674		2,458,928	
City of San Clemente			106,591	31,142							137,733			137,733	
City of San Juan Capistrano	1,537,810		71,061	6,176	18,887						1,633,934			1,633,934	
Emerald Bay Service District				2,880		58,030	22,846			4,390	88,146			88,146	
El Toro Water District				3,553			764,713			91,749	860,015			860,015	
IRWD (c.o. El Toro W.D.)				22,210						88,697	110,907			110,907	
Moulton Niguel Water District	1,125,686		99,472	33,889	46,256	185,148	6,172,527			246,782	7,909,760			7,909,760	
South Coast Water District	1,319,118		79,975	31,010	19,087	1,397,826	431,161			69,282	3,347,459			3,347,459	
Santa Margarita Water District	2,772,126		284,243	50,592	50,229						3,157,190			3,157,190	
Trabuco Canyon Water District					18,040						18,040			18,040	
Total	6,754,741	0	641,342	188,248	152,499	2,844,061	7,933,738	0	0	562,810	19,077,439	644,674	0	19,722,112	
Admin, General Fund & Engineering after capital															
City of Laguna Beach				944		167,014	75,311			8,594	251,863			251,863	
City of San Clemente			31,987	9,345							41,332			41,332	
City of San Juan Capistrano	218,385		10,091	877	2,682						232,036			232,036	
Emerald Bay Service District				2,028		40,861	16,087			3,091	62,067			62,067	
El Toro Water District				553			119,013			14,279	133,845			133,845	
IRWD (c.o. El Toro W.D.)				10,308						41,168	51,476			51,476	
Moulton Niguel Water District	137,040		12,110	4,126	5,631	22,540	751,437			30,043	962,926			962,926	
South Coast Water District	176,003		10,671	4,137	2,547	186,505	57,528			9,244	446,635			446,635	
Santa Margarita Water District	351,308		36,022	6,411	6,366						400,107			400,107	
Trabuco Canyon Water District					15,077						15,077			15,077	
Total	882,737	0	100,880	38,730	32,303	416,920	1,019,376	0	0	106,420	2,597,364	0	0	2,597,364	
UAL & OPEB															
City of Laguna Beach				3,262		150,216	40,230			5,459	199,166			199,166	10.72%
City of San Clemente			7,638	5,366							13,005			13,005	0.70%
City of San Juan Capistrano	179,136		6,761	4,521	379						190,796			190,796	10.27%
Emerald Bay Service District				365		6,566	1,571			247	8,750			8,750	0.47%
El Toro Water District				2,573	188		51,375			9,725	63,862			63,862	3.44%
IRWD (c.o. El Toro W.D.)				5,219	305					8,353	13,877			13,877	0.75%
Moulton Niguel Water District	103,965	137,815	5,673	10,388	2,358	16,171	527,275			13,444	817,089			817,089	43.99%
South Coast Water District	142,194		5,217	8,031	512	164,793	28,592			2,933	352,271			352,271	18.96%
Santa Margarita Water District	144,510	27,062	14,591	10,382	2,236						198,780			198,780	10.70%
Trabuco Canyon Water District															0.00%
Total	569,805	164,877	39,880	50,108	5,977	337,745	649,043			40,162	1,857,596			1,857,596	100.00%
Total O&M Operating Expenses (Use Audit)															
	8,207,282	164,877	782,102	277,085	190,779	3,598,725	9,602,157	0	0	709,391	23,532,399	644,674	0	24,177,072	

*PC 23 Assets are owned by SOCWA ; recordkeeping is done by the City of Laguna Beach, any differences between SOCWA's books and the City of Laguna Beach are added to SOCWA's annual financials.

*PC 10 Assets are owned by SOCWA ; recordkeeping is done by the City of San Clemente, any differences between SOCWA's books and the City of San Clemente are added to SOCWA's annual financials.

¹Quarterly O&M Billings to Member Agencies Net of Use Audit true up to Actual.

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South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2023

	General Agency 01	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %s
O&M Operating Income																
City of Laguna Beach					(2)		12	(9)			(1)	(0.00)			(0)	
City of San Clemente				1	(1)							(0.00)			(35)	
City of San Juan Capistrano		3		(2)	(1)	(0)						0.00		(35)	0	
Emerald Bay Service District					(0)		1	(0)			(0)	(0.00)			(0)	
El Toro Water District					(1)	(0)		3			(2)	(0.00)			(0)	
IRWD (c.o. El Toro W.D.)					2	(0)					(2)	0.00			0	
Moulton Niguel Water District		(24)	(32)	(1)	(2)	(1)	(4)	67			(3)	(0.00)			(0)	
South Coast Water District		(33)		(1)	(2)	(0)	43	(7)			(1)	0.00			0	
Santa Margarita Water District		13	(6)	(3)	(2)	(1)						(0.00)			(0)	
Trabuco Canyon Water District						0						0.00			0	
Total O&M Operating Income		(42)	(38)	(6)	(9)	(1)	52	54			(9)	(0)		(35)	(35)	
Unallocated portion of Pension and OPEB expense²																
City of Laguna Beach					(4,787)		(220,458)	(59,042)			(8,011)	(292,299)			(292,299)	10.72%
City of San Clemente				(11,210)	(7,876)							(19,086)			(19,086)	0.70%
City of San Juan Capistrano		(262,901)		(9,923)	(6,635)	(556)						(280,015)			(280,015)	10.27%
Emerald Bay Service District					(536)		(9,637)	(2,306)			(363)	(12,841)			(12,841)	0.47%
El Toro Water District					(3,777)	(276)		(75,398)			(14,273)	(93,724)			(93,724)	3.44%
IRWD (c.o. El Toro W.D.)					(7,660)	(447)					(12,259)	(20,367)			(20,367)	0.75%
Moulton Niguel Water District		(152,581)	(202,258)	(8,325)	(15,246)	(3,461)	(23,733)	(773,826)			(19,730)	(1,199,159)			(1,199,159)	43.99%
South Coast Water District		(208,685)		(7,656)	(11,786)	(751)	(241,851)	(41,961)			(4,305)	(516,996)			(516,996)	18.96%
Santa Margarita Water District		(212,085)	(39,716)	(21,414)	(15,236)	(3,281)						(291,732)			(291,732)	10.70%
Trabuco Canyon Water District																0.00%
Total GASB 68 unallocated expense by PC and Member Agency		(836,252)	(241,975)	(58,528)	(73,538)	(8,772)	(495,678)	(952,533)			(58,942)	(2,726,218)			(2,726,218)	100.00%
² Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology; these are Actuarially determined expenses not included in O&M.																
<i>(cont'd next page)</i>																
Other Expenses																
Severance Pay	420,041											420,041			420,041	
Non-Capital Engineering																
City of Laguna Beach							(556)	4,168			7,653	11,265			11,265	
City of San Clemente				10,022								10,022				
City of San Juan Capistrano		3,793		6,681								10,474			10,474	
Emerald Bay Service District							(44)	219			543	718			718	
El Toro Water District								6,907			11,341	18,248			18,248	
IRWD (c.o. El Toro W.D.)											10,965	10,965			10,965	
Moulton Niguel Water District		2,792		9,353			(429)	48,541			30,508	90,764			90,764	
South Coast Water District		3,066		7,519			(438)	3,331			8,565	22,044			22,044	
Santa Margarita Water District		2,826		26,725								29,551			29,551	
Trabuco Canyon Water District																
Total Non-Capital Engineering		12,476		60,300			(1,467)	63,167			69,574	204,050			204,050	

South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2023

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %'s
01															
Additional Cash Payments to Member Agencies															
City of Laguna Beach				1		1,900	1,466		1	114	3,483			3,483	
City of San Clemente			37	6							43			43	
City of San Juan Capistrano	2,996		25	1	2						3,024			3,024	
Emerald Bay Service District				0		145	77			8	230			230	
El Toro Water District				1			2,507	1,073		169	3,750			3,750	
IRWD (c.o. El Toro W.D.)				3				1,073		163	1,240			1,240	
Moulton Niguel Water District	2,185		35	6	4	1,342	18,654	342		455	23,023			23,023	
South Coast Water District	2,186		30	5	2	1,455	1,172			128	4,978			4,978	
Santa Margarita Water District	2,757		99	8	4						2,868			2,868	
Trabuco Canyon Water District					2									2	
Total	10,124		227	32	14	4,842	23,876	2,488	1	1,037	42,638			42,640	
Operating Leases - GASB 87															
Lease assets expense reduction ⁷	(75,749)										(75,749)			(75,749)	
Other Expenses	377										377			377	
Total Other Expenses	344,668	22,600	60,527	32	14	3,374	87,043	2,488	1	70,611	591,357			591,359	
Depreciation and Amortization ⁷	73,310	2,972,713	110,005			2,293,593	2,823,368	234,914	259,142		8,767,046	130,388	46,628	8,944,062	
Operating (Loss)	(417,978)	(2,159,103)	241,936	(112,010)	73,497	8,757	(1,801,237)	(1,957,824)	(237,402)	(259,143)	(11,678)	(6,632,185)	(130,388)	(46,663)	(6,809,238)
NON-OPERATING REVENUES (EXPENSES):															
Interest Income³															
City of Laguna Beach						19,968	5,217			746	25,931			25,931	
City of San Clemente			197								197			197	
City of San Juan Capistrano	(1,459)		131								(1,328)			(1,328)	
Emerald Bay Service District						1,575	275			53	1,903			1,903	
El Toro Water District							9,409	8,463		1,105	18,977			18,977	
IRWD (c.o. El Toro W.D.)								8,462		1,069	9,531			9,531	
Moulton Niguel Water District	(1,058)		184			15,407	47,032	3,681		2,974	68,219			68,219	
South Coast Water District	(1,357)		148			15,983	4,166			835	19,776			19,776	
Santa Margarita Water District	(732)		526								(206)			(206)	
Total Interest Income	(4,606)		1,186			52,932	66,100	20,606		6,782	143,000			143,000	
LAIF FV Adjustment³															
City of Laguna Beach						(1,618)	(423)			(60)	(2,101)			(2,101)	
City of San Clemente			(16)								(16)			(16)	
City of San Juan Capistrano	118		(11)								108			108	
Emerald Bay Service District						(128)	(22)			(4)	(154)			(154)	
El Toro Water District							(762)	(686)		(90)	(1,537)			(1,537)	
IRWD (c.o. El Toro W.D.)								(686)		(87)	(772)			(772)	
Moulton Niguel Water District	86		(15)			(1,248)	(3,810)	(298)		(241)	(5,527)			(5,527)	
South Coast Water District	110		(12)			(1,295)	(338)			(68)	(1,602)			(1,602)	
Santa Margarita Water District	59		(43)								17			17	
Total LAIF FV Adjustment	373		(96)			(4,288)	(5,355)	(1,669)		(549)	(11,585)			(11,585)	

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South Orange County Wastewater Authority
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For the year ended June 30, 2023

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %’s
01															
Interest Expense-lease assets⁷															
City of Laguna Beach															
City of San Clemente															
City of San Juan Capistrano		(1,224)									(1,224)			(1,224)	
Emerald Bay Service District															
El Toro Water District															
IRWD (c.o. El Toro W.D.)															
Moulton Niguel Water District		(900)									(900)			(900)	
South Coast Water District		(984)									(984)			(984)	
Santa Margarita Water District		(920)									(920)			(920)	
Total Interest Expense		(4,027)									(4,027)			(4,027)	
Loss on Sale of Fixed Assets															
City of Laguna Beach						(1,880)					(1,880)			(1,880)	
City of San Clemente															
City of San Juan Capistrano															
Emerald Bay Service District						(148)					(148)			(148)	
IRWD (c.o. El Toro W.D.)															
El Toro Water District															
Moulton Niguel Water District						(1,451)	(1,209,955)				(1,211,405)			(1,211,405)	
South Coast Water District						(1,480)					(1,480)			(1,480)	
Santa Margarita Water District															
Total Gain on Sale of Fixed Assets						(4,959)	(1,209,955)				(1,214,914)			(1,214,914)	
Other Revenues															
Grant Revenue⁴															
City of Laguna Beach															
City of San Juan Capistrano		133,252									133,252			133,252	
Emerald Bay Service District															
El Toro Water District															
Moulton Niguel Water District		96,038									96,038			96,038	
South Coast Water District		88,835									88,835			88,835	
Santa Margarita Water District		126,050									126,050			126,050	
Total Grant Revenue		444,175									444,175			444,175	

South Orange County Wastewater Authority
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	General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 10 & 23	*North Coast Interceptor PC23	*San Clemente Land Outfall PC 10	SOCWA Consolidated	Board Approved Allocation %’s
Recycling Income⁵	01															
City of Laguna Beach								615				615			615	
City of San Juan Capistrano																
Emerald Bay Service District								44				44			44	
El Toro Water District								797				797			797	
Moulton Niguel Water District								7,366				7,366			7,366	
South Coast Water District								419				419			419	
Santa Margarita Water District																
Total Recycling Income								9,242				9,242			9,242	
TCWD UAL Payment		6,383	1,846.89	447	561	72	3,783	7,270			450	20,813			20,813	
PC 23 Admin Charge - CLB										5,600.00		5,600			5,600	
Total Other Revenues (Expenses)		450,558	1,847	447	561	72	3,783	16,512		5,600	450	479,830			479,830	
Total Non-Operating Revenue		442,298	1,847	1,537	561	72	47,468	(1,132,698)	18,937	5,600	6,682	(607,696)			(607,696)	
(cont'd next page)																
CAPITAL CONTRIBUTIONS FROM MEMBER AGENCIES⁶																
Member Agency Assessments:																
City of Laguna Beach							380,357	57,761			7,993	446,112	220,918		667,029	
City of San Clemente				(1,271)								(1,271)		166,826	165,555	
City of San Juan Capistrano		1,588,704		(847)								1,587,857			1,587,857	
Emerald Bay Service District							29,949	3,037			567	33,553			33,553	
El Toro Water District								99,995	73,290		11,844	185,129			185,129	
IRWD (c.o. El Toro W.D.)									73,290		11,488	84,778			84,778	
Moulton Niguel Water District		1,176,326		(1,184)			293,504	350,473	53,420		31,864	1,904,403			1,904,403	
South Coast Water District		1,348,815		(954)			299,495	46,144			8,945	1,702,445			1,702,445	
Santa Margarita Water District		1,092,702		(3,388)								1,089,314			1,089,314	
Total		5,206,547		(7,644)			1,003,305	557,409	200,000.00		72,701	7,032,319	220,918	166,826	7,420,063	
Change in Net Position	(417,978)	3,489,742	243,783	(118,118)	74,058	8,829	(750,464)	(2,533,112)	(18,466)	(253,543)	67,705	(207,562)	90,530	120,163	3,128	

³Distributed by Project Committee and Member Agency based on Large Capital Cash Balance as of 6/30/2023.

⁴Grant Revenue from Southern California Edison and SDG&E for Co-Gen Projects; energy generation; distributed by project committee and member agency in cash roll forward.

⁵ Distributed by Member Agency using capital common ownership percentages.

⁶Large Capital, Non-Capital and Small Capital quarterly billings Net of Use Audit and Large Capital Refunds.

⁷Lease Interest Expense based on PC 02 Common Capital Ownership Member Agency Percentages.

Right to Use Assets:

- Office Space, JBL, and Engineering Trailer
- Printers and Copiers, 2 Xerox large copiers at JBL office building, 1 Xerox at JBL Engineering Trailer

The Authority implemented GASB 96, Right-to-use subscription intengible assets in FY 2022-23, an increase of \$8.9 thousand

- Software: Boardroom AVI

Agenda Item

5.H.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors
FROM: Jim Burror, Acting General Manager/Director of Operations
SUBJECT: October 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 better understand 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 October, 2023

Excursion, Complaint, and Violation Events

Events	CTP	RTP	JBL	Totals
Odor	0	0	0	0
Noise	0	0	1(1)	1
Spills	0	0	0	0
Violations	0	0	0	0
Others	0	0	0	0

(1) Noise was from construction on the other side of San Juan Creek not JBL.

Plant Wastewater Billing Characteristics

Key Parameters	CTP	RTP	JBL TP1	JBL TP2	Totals
Influent (mgd) (1)	2.55	6.90	6.51	1.01	16.97
Effluent (mgd)	2.35	2.89	6.51	3.02	14.77
Peak Flow (mgd)	6.32	14.62	14.01	9.34	44.29
Influent BOD (mg/l)	260	294	269	347	
Influent TSS (mg/l)	302	354	356	345	
Effluent BOD (mg/l)	4.9	5.6	8.8	7.3	
Effluent TSS (mg/l)	5.4	7.1	9.0	10.2	
Effluent Turbidity (NTU)	2.2	3.8	4.0	3.5	

(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)	0.52	4.01		4.53
Days of Operation (days)	21	31		
Total Flow (million gallons)	16.0	124.3		140.3
Plant Irrigation (million gallons)	0.01	0.06	0.29	
AWT Time Online (%)	98%			

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 October, 2023 (cont'd)

Biosolids Management

Biosolids Management Site	CTP	RTP	JBL	Totals
Synagro Compost (tons)		757.3	0.0	757.3
Nursery Products (tons)		327.3	642.2	969.5
Prima Deshecha (tons)		0.0	109.9	109.9
Other: (tons)		0.0	0.0	0.0
Total Processed (tons)		1,084.6	752.1	1,836.7

Summary of Maintenance Activities

Task Type	CTP	RTP	JBL	Totals
Preventative Maintenance	265	351	329	945
Corrective Maintenance	20	69	108	197

Site Visitors

Visitor Types	CTP	RTP	JBL	Totals
Regulatory	0	0	0	0
Member Agency	0	2	0	2
Residents	0	0	0	0
Others	5	7	15	27
Tours #/Visitors	0	0	0	0

Grit Disposal Management

Grit & Screenings	CTP	RTP	JBL	Totals
Simi Valley Landfill (tons)	6.0	27.1	41.7	74.8

Chemical and Energy Utilization

Chemical/Utility	CTP	RTP	JBL	Totals
Ferric Chloride (tons)	NA	27.7	NA	27.7
Utility Power Purchase (kWh)	183,904	154,626	250,578	434,482
Cogen Power (kWh)		478,863	391,480	870,343
Natural Gas (Dth)	2	1,896	1,179	3,077
Digester Gas to Engine (scfm)		6,783,641	5,027,095	11,810,736
Digester Gas to Boiler (scfm)		0		0
Digester Gas to Flares (scfm)		1,970,512	753,676	2,724,188
Digester Gas Power Savings		\$74,516		

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 October, 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	1.463	55.69%				1.46
EBSD	0.064	2.45%				0.06
SCWD	1.100	41.86%				2.79
MNWD	0.000	0.00%	6.90	1.400	18.61%	8.30
CSJC				2.199	29.24%	2.20
SMWD				2.231	29.67%	2.23
Total	2.627	100.00%	6.90	7.521	100.00%	17.05

Total Agency Outfall Flows by Outfall System-Billing Flows

Agency	SJCOO (mgd)	SJCOO (%)	SJCOO Meter (mgd)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB				1.46	14.95%	1.46	
EBSD				0.06	0.66%	0.06	
SCWD	1.88	16.80%		0.74	7.52%	2.62	Includes Desalters
MNWD	1.83	16.32%		2.89	29.51%	4.72	
ETWD				2.18	22.27%	2.18	Direct Outfall Only
CSJC	2.69	24.02%				2.69	Includes Desalter
SMWD	2.24	19.98%				2.24	Includes Chiquita
CSC	2.57	22.88%				2.57	Direct Outfall Only
IRWD				2.45	25.08%	2.45	Direct Outfall Only
Total	11.21	100.00%	11.94	9.78	100.00%	20.99	

SOCWA Operational Report October, 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%	2.199	29.24%	2.25	31.15%
MNWD	3.00	23.08%	1.400	16.63%	1.400	18.61%	1.40	19.38%
SCWD	3.75	28.85%	1.610	19.12%	1.691	22.48%	1.73	23.94%
SMWD	2.25	17.31%	3.200	38.00%	2.231	29.67%	1.84	25.53%
Total	13.00	100.00%	8.420	100.00%	7.521	100.00%	7.22	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%	6,810	36.56%	6,547	25.87%
MNWD	8,340	21.62%	6,169	23.63%	3,617	19.42%	5,637	22.28%
SCWD	7,715	20.00%	5,584	21.39%	2,435	13.07%	4,919	19.44%
SMWD	10,946	28.38%	8,473	32.45%	5,765	30.95%	8,204	32.42%
Total	38,573	100.00%	26,110	100.00%	18,626	100.00%	25,308	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%	2.565	22.88%	2.486	23.68%
CSJC	11.08%	8.860	11.08%	2.693	24.02%	2.682	25.55%
MNWD(3)	15.51%	12.410	15.51%	1.829	16.32%	1.655	15.76%
SCWD	12.46%	9.970	12.46%	1.884	16.80%	1.814	17.28%
SMWD	44.32%	35.460	44.33%	2.240	19.98%	1.861	17.73%
Total	100.00%	80.000	100.00%	11.211	100.00%	10.497	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 October, 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%	1.463	55.69%	1.623	54.77%
EBSD	0.20	2.99%	0.060	2.21%	0.064	2.45%	0.074	2.51%
SCWD	2.00	29.85%	1.153	42.56%	1.100	41.86%	1.266	42.72%
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%	2.627	100.00%	2.963	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	0.0121	0.0121	0.1723%	0.0141	0.1869%
EBSD	0.00001	0.0001%	0.0000	0.0005	0.0005	0.0076%	0.0006	0.0086%
SCWD	0.00427	0.0562%	0.0000	0.0091	0.0091	0.1295%	0.0110	0.1457%
ETWD	0.01562	0.2055%	0.0000	0.0140	0.0140	0.2007%	0.0143	0.1901%
MNWD	7.57236	99.6439%	6.8971	0.0626	6.9597	99.4899%	7.4942	99.4687%
Total	7.59942	100.0000%	6.8971	0.0983	6.9954	100.0000%	7.5342	100.0000%

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

SOCWA Operational Report October, 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%	132,001	12.26%	147,802	13.13%
EBSD	295	0.59%	177	0.48%	5,813	0.54%	6,763	0.60%
SCWD	4,480	8.96%	3,392	9.16%	99,232	9.22%	115,190	10.24%
ETWD	10,200	20.41%	5,305	14.32%	153,772	14.28%	150,577	13.38%
MNWD	29,395	58.82%	23,769	64.16%	685,967	63.71%	704,975	62.65%
Total	49,975	100.00%	37,049	100.00%	1,076,785	100.00%	1,125,308	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%	1.463	14.95%	1.623	19.29%
EBSD	0.78%	0.390	0.78%	0.064	0.66%	0.074	0.88%
ETWD	16.30%	8.151	16.30%	2.179	22.27%	1.657	19.70%
IRWD	15.76%	7.880	15.76%	2.454	25.08%	1.927	22.90%
MNWD	43.85%	21.924	43.85%	2.887	29.51%	2.473	29.39%
SCWD	12.31%	6.155	12.31%	0.736	7.52%	0.659	7.84%
Total	100.00%	50.000	100.00%	9.783	100.00%	8.413	100.00%

SOCWA Operational Report October 2023 (cont'd)

Select Critical Equipment Repairs

JBL - PC2

Swapped failed media for the Cogen gas conditioning system.
Replaced failed East Primary Sedimentation Sludge Pump #1 valve.
Prepared East RAS Pump #4 Check Valve for the upcoming replacement project.
Replaced failed potable water line pressure regulator and repaired pipe leak.
Replaced several sun-damaged emergency eyewashes.
Repaired failed Process Water Y-strainer.
Replaced and relocated the hot water loop chemical injection pot to reduce dosing times.
Troubleshoot Conveyor #2 which was found to be out of alignment on Barscreen #1.
Troubleshoot Scrubber No. 2 Recirc Pump No. 1 that failed.
Repaired failed Helical Skimmer #1 wiper blade.
Prepared TWAS Pump #4 for decommissioning.
Troubleshoot Polymer Feed Pump #1 that would not run in auto.
Troubleshoot the failed and clogged 9-side Sludge Grinder.
Troubleshoot the failed Secondary Inline Fresh Air Fan.
Troubleshoot Potable Water Pump #1 that failed.
Repaired bleach leak on Metering Pump #3 and discharge line.

CTP - PC15

Replaced failed Aeration Tank #4A and #4B control valves and actuators.
Supported two shutdowns to allow for the seal replacements in the Aliso Creek Ocean Outfall.
Troubleshoot the Scrubber Bleach Pump backpressure valve that was failing.
Troubleshoot the AWT Clearwell CL2 residual analyzer that failed.
Troubleshoot the AWT Filter Backwash sequence controls and sensors that were in alarm, failed, and stopping the cleaning of the AWT system.

RTP - PC17

Supported two shutdowns to allow for the seal replacements in the Aliso Creek Ocean Outfall.
Replaced failed Secondary Scum Pump #2 that failed.
Repaired an oil leak on Aeration Blower #1.
Troubleshoot the Sludge Hopper Bottom Conveyor #2 and Hopper Cross Conveyor that failed.
Swapped failed media for the Cogen gas conditioning system.
Repaired leak on the Tank #5 Grit Pump.
Replaced failed DAF#3 Sludge Pump that corroded and failing.
Troubleshoot Plant Drainage Pump #1 that was failed.
Troubleshoot TWAS Pump #1, which was tripping the breaker.
Repaired failed Polymer Pump #1.

SOCWA Operational Report October 2023 (cont'd)

Select Critical Equipment Repairs (cont'd)

Support Services - ALL PC'S

Troubleshoot the online hydrogen sensor on the 9-side Odor Scrubber at JBL.
Replaced failed D.O. Probes and Caps on Aeration Tank #3 at JBL.
Troubleshoot and replaced failed receptacles on the Secondary Aeration deck at JBL.
Troubleshoot Bleach Metering Pump #4, which was operating very noisily at JBL.
Troubleshoot RSP#3 which was randomly tripping offline at JBL.
Replaced a broken panel and corroded support brackets on Aeration Blower #7 at JBL.
Troubleshoot the Cogen Humidity Sensor #3 that was in alarm at JBL.
Troubleshoot TWAS Pump #2 that faulted and was in alarm at JBL.
Troubleshoot the Secondary Effluent Flow Meter that randomly failed multiple times at CTP.
Replaced failed lighting system in Building #35 at CTP.
Replaced failed pressure gauge on Digester #3 at RTP.
Troubleshoot the Dynablend Float sensor that was failed shutting the centrifuges at RTP.
Troubleshoot emergency Godwin Pump #1 that was failed and in alarm at RTP.
Troubleshoot the Cegen Engine Urea injection system that was in alarm at RTP.

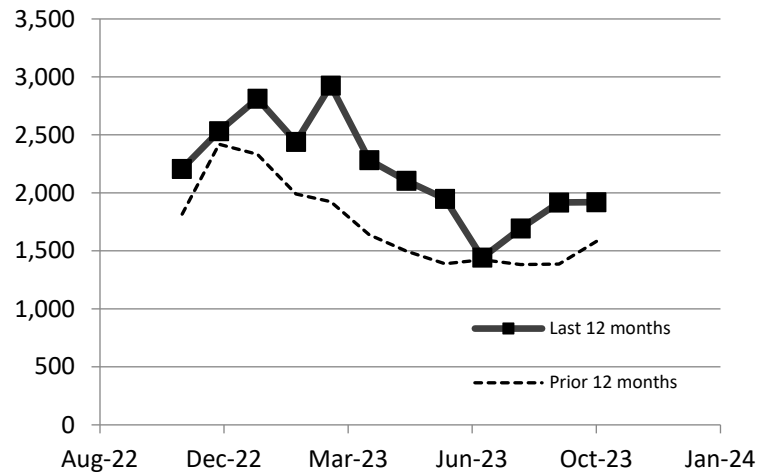
SOCWA Ocean Outfall Discharges by Agency

SOCWA Operational Report October, 2023 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.46	14.95%	1.46
EBS D			0.06	0.66%	0.06
SCWD	1.88	16.80%	0.74	7.52%	2.62
MNWD	1.83	16.32%	2.89	29.51%	4.72
ETWD			2.18	22.27%	2.18
CSJC					2.69
SMWD					2.24
CSC	2.57	22.88%			2.57
IRWD			2.45	25.08%	2.45
Total			11.21	100.00%	9.78
	or Acre-Feet per year equivalent				23,514

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

Oct-23	1,919
Sep-23	1,917
Aug-23	1,693
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	2,207
Total	26,224



Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

October 2023

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO	Rain
	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	FLOW MGD	Fall inches
10/01/23	3.334	19.0	6.8	<0.1	3.055	9.2	3.1	<0.1	2.520	5.2	6.0	<0.1	2.730			<0.1	0.388	0.000	0.000	12.027	0.00
10/02/23	3.228	17.0	7.6	<0.1	2.435	9.8	3.1	0.1	3.73	5.4	4.0	<0.1	2.695	12.8	12.0	<0.1	0.388	0.000	0.000	12.476	0.00
10/03/23	3.177	19.0	9.2	<0.1	1.859	8.0		<0.1	1.780	6.2		<0.1	2.655	13.6	5.0	<0.1	0.383	0.000	0.000	9.854	0.00
10/04/23	3.182	23.0	8.6	<0.1	1.913	7.6	2.7	<0.1	3.100	9.8	4.0	<0.1	2.713	7.2	3.0	<0.1	0.388	0.000	0.000	11.296	0.00
10/05/23	3.178	24.0	6.7	0.1	1.838	2.3	1.5	<0.1	1.610	8.8	4.0	<0.1	2.678	14.4	6.0	0.1	0.388	0.000	0.000	9.692	0.00
10/06/23	3.185	20.0	8.2	0.1	1.636	2.6	1.6	0.1	2.120	5.0	3.0	<0.1	2.844	4.6	4.0	<0.1	0.388	0.000	0.000	10.173	0.00
10/07/23	3.198	20.0		<0.1	1.405	13.3	3.6	<0.1	1.170	6.0	12.0		2.548	3.4	7.0		0.388	0.000	0.000	8.709	0.00
10/08/23	3.197	20.0	6.7	<0.1	2.312	20.4	7.6	0.1	2.030	6.0	12.0	<0.1	2.808	3.8	10.5	<0.1	0.388	0.000	0.000	10.735	0.00
10/09/23	3.201	19.0	5.2	<0.1	2.031	18.8	6.9	0.1	2.490	7.8	5.0	<0.1	2.701	2.8	4.0	0.1	0.388	0.000	0.000	10.811	0.00
10/10/23	3.190	17.0	4.9	<0.1	1.919	17.0		0.1	1.330	6.6	4.0	<0.1	1.621	6.0	3.0	<0.1	0.361	0.000	0.142	8.563	0.02
10/11/23	3.179	9.6	<2.0	<0.1	1.175	15.7	5.1	0.1	2.030	6.2	4.0	0.1	2.193	6.2	4.0	0.1	0.388	0.000	0.159	9.124	0.04
10/12/23	3.333	8.2	<1.8	<0.1	1.175	8.8	4.2	0.1	4.670	5.4	6.0	<0.1	2.474	5.4	3.0	0.1	0.386	0.000	0.008	12.046	0.00
10/13/23	No Flow				1.797	6.2	2.3	<0.1	3.970	7.6	7.0	0.2	1.515	4.8	3.0	0.1	0.103	0.000	0.125	7.510	0.00
10/14/23	No Flow				2.359	6.0	2.4	<0.1	1.310	6.0	7.0		2.026	3.8	21.0		0.324	0.000	0.119	6.138	0.00
10/15/23	No Flow				2.415	5.6	2.6	<0.1	3.100	7.2	5.0	0.1	2.374	4.6	4.0	<0.1	0.391	0.000	0.015	8.295	0.00
10/16/23	No Flow				2.422	6.0	2.5	<0.1	3.320	8.4	5.0	<0.1	2.339	4.8	4.0	<0.1	0.391	0.000	0.124	8.596	0.00
10/17/23	No Flow				1.782	4.6	0.9	<0.1	2.480	6.4	2.0	<0.1	2.049	8.0	5.0	<0.1	0.391	0.000	0.118	6.820	0.00
10/18/23	No Flow				2.408	7.1	1.8	<0.1	4.020	10.8	4.0	0.1	2.208	2.0	<2.0	<0.1	0.389	0.000	0.124	9.149	0.00
10/19/23	No Flow				1.138	6.1	2.0	0.1	3.530	7.0	3.0	0.2	2.359	7.4	4.0	<0.1	0.391	0.000	0.170	7.588	0.00
10/20/23	No Flow				1.993	3.1	1.8	<0.1	3.140	9.7	5.0	0.1	2.186	2.8	2.0	0.1	0.089	0.000	0.115	7.523	0.00
10/21/23	No Flow				1.580	8.8	2.8	<0.1	2.400	5.8	9.0		1.904	7.0	3.0		0.297	0.000	0.139	6.320	0.00
10/22/23	No Flow				3.341	7.4	2.4	<0.1	4.200	9.0		<0.1	2.258	2.4		<0.1	0.348	0.000	0.117	10.264	0.00
10/23/23	No Flow				1.019	7.0	2.0	<0.1	4.360	8.4	5.0	0.1	2.086	8.6	4.0	<0.1	0.348	0.000	0.142	7.955	0.04
10/24/23	2.736	20.0	7.6	<0.1	3.073	13.8		<0.1	2.220	6.6	4.0	0.1	1.882	4.0	2.0	<0.1	0.388	0.000	0.120	10.419	0.00
10/25/23	3.665	20.0	7.1	0.1	3.077	5.9	2.1	<0.1	2.350	7.8	5.0	0.2	2.156	1.4	2.0	<0.1	0.388	0.000	0.134	11.770	0.00
10/26/23	3.508	26.0	8.0	0.3	3.368	10.5	3.1	<0.1	4.210	4.6		<0.1	2.481	2.6		<0.1	0.389	0.000	0.163	14.119	0.00
10/27/23	3.294	21.0	9.2	0.1	1.107	13.8	2.7	<0.1	2.940	6.4	5.0	0.1	1.898	1.2	3.0	<0.1	0.388	0.000	0.112	9.739	0.00
10/28/23	3.187	20.0		0.1	3.505	2.0	1.2	<0.1	3.650		6.0		1.635	5.2	7.0		0.389	0.000	0.143	12.509	0.00
10/29/23	3.166	14.0	5.5	0.1	2.482	23.2	4.5	<0.1	3.840	6.8	6.0	0.1	2.184	2.8	3.0	<0.1	0.389	0.000	0.114	12.175	0.00
10/30/23	3.344	19.0	5.0	0.1	2.051	5.8	2.1	0.1	3.680	8.4	5.0	0.1	2.654	4.4	3.0	<0.1	0.388	0.000	0.130	12.247	0.00
10/31/23	3.402	23.0	7.2	0.3	3.875	6.5		<0.1	2.210	7.8	11.0	0.1	1.295	4.8	4.0	<0.1	0.388	0.000	0.149	11.319	0.00
AVG	2.093	18.9	6.5	<0.1	2.179	9.1	2.9	<0.1	2.887	7.1	5.6	<0.1	2.263	5.4	4.9	<0.1	0.361	0.000	0.087	9.870	
TOTAL	64.88				67.55				89.51				70.15				11.19	0.00	2.682	305.96	0.10

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: October 2023
 REPORT DUE: December 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 05:20

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage				Water	H2O	Water	Water	Birds
			Coliform	Coliform	coccus	Origin		Oil &	Odor					
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease						
			SM9222B	SM9222D	EPA 1600					Color	Temp(F)	Condition	Outlet	
S3	10/02/23	07:49	50	<10	4	None	None	None	None	Blue	63	Clear		
S4	10/02/23	09:42	30	10	48	None	None	None	None	Blue		Clear		
S5	10/02/23	09:49	30	30	48	None	None	None	None	Blue		Clear		
S6	10/02/23	09:33	10	10	<2	None	None	None	None	Blue		Clear		
WEST	10/02/23	09:30	<10	10	<2	None	None	None	None	Blue		Clear		
S7	10/02/23	09:26	30	<10	<2	None	None	None	None	Blue		Clear		
S8	10/02/23	09:14	30	40	4	None	None	None	None	Blue		Clear		
S9	10/02/23	09:09	20	30	8	None	None	None	None	Blue		Clear		
ACM1	10/02/23	08:48	10	<10	<10	None	None	None	None	Blue		Clear		
S10	10/02/23	08:37	<10	<10	<2	None	None	None	None	Blue		Clear		
S11	10/02/23	08:33	10	10	2	None	None	None	None	Blue		Clear		
S12	10/02/23	08:28	<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: October 2023
 REPORT DUE: December 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 07:52

Weather: Overcast

COMMENTS: Duplicate at S12

STA#	DATE	TIME	Total Coliform	Fecal Coliform	Entero- coccus	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore							
S3	10/09/23	07:50	20	<10	<2	None	None	None	None	Green	65	Slightly Turbid	Flowing	
S4	10/09/23	09:50	10	10	<2	None	None	None	None	Green		Slightly Turbid		
S5	10/09/23	09:42	10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S6	10/09/23	09:17	40	<10	<2	None	None	None	None	Green		Slightly Turbid		
WEST	10/09/23	09:20	40	<10	<2	None	None	None	None	Green		Slightly Turbid		
S7	10/09/23	09:26	40	<10	<2	None	None	None	None	Green		Slightly Turbid		
S8	10/09/23	09:04	40	10	8	None	None	None	None	Green		Slightly Turbid		
S9	10/09/23	09:01	20	<10	2	None	None	None	None	Green		Slightly Turbid		
ACM1	10/09/23	08:53	30	<10	10	None	None	None	None	Green		Slightly Turbid		
S10	10/09/23	08:26	10	<10	2	None	None	None	None	Green		Slightly Turbid		
S11	10/09/23	08:22	10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S12	10/09/23	08:15	20	<10	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 100m

Unified Beach Monitoring

#3

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: October 2023
 REPORT DUE: December 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 10:05

Weather: Fog

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	10/16/23	08:10	250	10	2	None	None	None	None	Green	66	Clear		
S4	10/16/23	10:45	80	<10	<2	None	None	None	None	Green		Clear		
S5	10/16/23	10:20	70	<10	2	None	None	None	None	Green		Clear		
S6	10/16/23	10:05	40	<10	2	None	None	None	None	Green		Clear		
WEST	10/16/23	10:00	420	10	10	None	None	None	None	Green		Clear		
S7	10/16/23	09:55	10	10	8	None	None	None	None	Green		Clear		
S8	10/16/23	09:50	80	10	8	None	None	None	None	Blue		Clear		
S9	10/16/23	09:35	500	60	42	None	None	None	None	Green		Slightly Turbid		
ACM1	10/16/23	09:25	210	<10	38	None	None	None	None	Brown		Slightly Turbid	Flowing	
S10	10/16/23	08:40	10	<10	6	None	None	None	None	Green		Clear		
S11	10/16/23	08:35	30	<10	2	None	None	None	None	Green		Clear		
S12	10/16/23	08:25	20	<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

#4

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: October 2023
 REPORT DUE: December 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 06:37

Weather: Overcast

COMMENTS: Recollect Wz, AcMZ, & A12 at 12:30

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	Onshore	Offshore							
			CFU/100ml	CFU/100ml	CFU/100ml									
SM9222B	SM9222D	EPA 1600												
S3	10/23/23	08:00	10	<10	2	None	None	None	None	Green	65	Slightly Turbid		
S4	10/23/23	10:00	<10	<10	110	None	None	None	None	Green		Slightly Turbid		
S5	10/23/23	09:54	10	<10	4	None	None	None	None	Green		Slightly Turbid		
S6	10/23/23	09:40	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
WEST	10/23/23	12:51	<10	<10	2	None	None	None	None	Green		Slightly Turbid		
S7	10/23/23	09:33	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S8	10/23/23	09:04	30	10	<2	None	None	None	None	Green		Slightly Turbid		
S9	10/23/23	09:00	<10	10	<2	None	None	None	None	Green		Slightly Turbid		
ACM1	10/23/23	12:42	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S10	10/23/23	08:31	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S11	10/23/23	08:26	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S12	10/23/23	12:30	<10	<10	<2	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

#5

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: October 2023
 REPORT DUE: December 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 10:40

Weather: Clear

COMMENTS: Duplicate at S-12

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	Onshore	Offshore							
			CFU/100ml	CFU/100ml	CFU/100ml									
SM9222B	SM9222D	EPA 1600												
S3	10/31/23	08:10	<10	<10	<2	None	None	None	None	Green	64	Slightly Turbid		
S4	10/31/23	10:23	<10	<10	<2	None	None	None	None	Green		Clear		
S5	10/31/23	10:06	<10	<10	<2	None	None	None	None	Green		Clear		
S6	10/31/23	09:53	<10	<10	2	None	None	None	None	Green		Clear		
WEST	10/31/23	09:50	<10	<10	2	None	None	None	None	Green		Clear		
S7	10/31/23	09:43	<10	<10	2	None	None	None	None	Green		Clear		
S8	10/31/23	09:27	<10	10	20	None	None	None	None	Green		Slightly Turbid		
S9	10/31/23	09:23	10	<10	<2	None	None	None	None	Green		Slightly Turbid		
ACM1	10/31/23	09:17	80	50	90	None	None	None	None	Green		Slightly Turbid		
S10	10/31/23	08:50	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S11	10/31/23	08:44	<10	<10	<2	None	None	None	None	Green	Slightly Turbid			
S12	10/31/23	08:37	<10	100	<2	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 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: October 2023

Report Frequency: Monthly

Report Due: December 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: High Tide 10:27

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	10/17/23	6	<2	<2	07:54	0	0	
A-1	Mid depth	10/17/23	<10	<10	<10				
A-2	Surface	10/17/23	<2	<2	<2	07:59	0	0	
A-2	Mid depth	10/17/23	<10	<10	<10				
A-3	Surface	10/17/23	<2	<2	<2	08:02	0	0	
A-3	Mid depth	10/17/23	<10	<10	<10				
A-4	Surface	10/17/23	<2	<2	<2	08:07	0	0	
A-4	Mid depth	10/17/23	<10	<10	<10				
A-5	Surface	10/17/23	<2	<2	<2	08:09	0	0	
A-5	Mid depth	10/17/23	<10	<10	<10				
B-1	Surface	10/17/23	<2	<2	<2	07:46	0	0	
B-1	Mid depth	10/17/23	<10	<10	<10				
B-2	Surface	10/17/23	<2	<2	<2	08:13	0	0	
B-2	Mid depth	10/17/23	<10	<10	<10				
N1	Surface	10/17/23	<2	<2	<2	08:29	0	0	
N2	Surface	10/17/23	<2	<2	<2	08:27	0	0	
N3	Surface	10/17/23	<2	<2	<2	08:26	0	0	
N4	Surface	10/17/23	<2	<2	<2	08:25	0	0	
N5	Surface	10/17/23	<2	<2	<2	08:24	0	0	
N6	Surface	10/17/23	<2	<2	<2	08:22	0	0	
N7	Surface	10/17/23	<2	<2	<2	08:21	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.

Receiving Water Limitations: (1) 30-Day geometric mean of fecal coliform density not to exceed 200 CFU/100 mL

calculated based on the five most recent samples from each site (2) single sample max not to exceed 400 CFU/100 mL

(3) Enterococcus 6-week rolling geometric mean not to exceed 30 CFU/100 mL, calculated weekly. (4) Statistical threshold value (STV)

of 110 CFU/100 mL for enterococcus not to be exceeded by more than 10% of samples collected in a calendar month, calculated in a static manner

**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
IRWD - IDP	8/5/2023	TDS	Not Monitored	mgl	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
				No Spills During this Monitoring Period			

SAN JUAN CREEK OCEAN OUTFALL MONITORING REPORT

October 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
10/01/23	7.740	12.4	16.9	<0.1	3.057				0.000				0.023				0.510	No Flow	11.630	0.00
10/02/23	7.840	13.3	15.3	0.1	3.061	5.1	6.0	<0.1	0.000				0.011	16.8	8.4	<0.1	0.510	No Flow	12.180	0.00
10/03/23	7.640	11.8	10.4	<0.1	2.853	4.6	6.0	<0.1	0.019	1.6	6.0	<0.1	0.018	10.8	6.8	<0.1	0.510	No Flow	11.620	0.00
10/04/23	6.560	9.5	7.8	0.1	2.432	4.8	9.0	<0.1	0.139	2.6	2.4	0.2	0.008	9.0	6.8	<0.1	0.470	No Flow	11.360	0.00
10/05/23	8.380	10.5	4.9	0.3	2.305	5.2	10.0	<0.1	0.000				0.011	9.4	7.0	<0.1	0.520	No Flow	11.060	0.00
10/06/23	8.530	8.8	8.4	<0.1	2.062	5.5	4.0	<0.1	0.000				0.419	6.6	4.8	<0.1	0.530	No Flow	11.090	0.00
10/07/23	8.410	8.5	7.9		1.954		6.0		0.000				0.108				0.530	No Flow	11.140	0.00
10/08/23	8.450	11.1		<0.1	1.790				0.000				0.013				0.270	No Flow	11.510	0.00
10/09/23	8.320	19.6	16.3	0.2	2.989	6.4	8.0	<0.1	0.000				0.011	12.6	7.4	<0.1	0.000	No Flow	11.030	0.00
10/10/23	8.230	18.1	13.3	<0.1	2.251	6.2	8.0	<0.1	0.000				0.027	11.8	7.8	<0.1	0.520	No Flow	11.310	0.02
10/11/23	8.170	9.1	7.4	0.1	2.930	5.4	7.0	<0.1	0.002	1.4	2.4	<0.1	0.046	7.2	5.4	<0.1	0.520	No Flow	11.430	0.04
10/12/23	8.260	9.9	7.0	0.1	2.102	5.2	7.0	<0.1	0.000				0.300	9.0	5.5	<0.1	0.520	No Flow	11.030	0.00
10/13/23	8.310	7.9	9.4	0.2	2.665	7.2	6.0	<0.1	0.000				0.018	11.6	6.4	0.1	0.520	0.894	11.560	0.00
10/14/23	7.990	5.0	4.4	0.1	3.029		7.0		0.000				0.014				0.520	0.970	12.790	0.00
10/15/23	7.990	8.6	7.9	<0.1	3.212				0.000				0.011				0.520	0.956	13.080	0.00
10/16/23	8.200	7.3	8.9	<0.1	2.372	8.0	7.0	<0.1	0.000				0.019	14.0	8.4	<0.1	0.520	0.025	12.190	0.00
10/17/23	8.070	6.9	5.6	<0.1	2.577	6.9	6.0	<0.1	0.000				0.022	6.4	4.6	<0.1	0.530	No Flow	11.300	0.00
10/18/23	7.840	8.1	5.4	0.1	2.685	6.6	9.0	<0.1	0.084	1.1	2.1	<0.1	0.011	13.0	8.4	<0.1	0.530	No Flow	11.100	0.00
10/19/23	7.820	9.4	5.5	<0.1	2.304	6.6	11.0	<0.1	0.000				0.019	10.6	7.0	<0.1	0.530	0.994	11.160	0.00
10/20/23	7.910	11.2	5.6	0.1	2.916	6.3	5.0	<0.1	0.000				0.023	13.4	8.0	0.1	0.530	0.173	11.650	0.00
10/21/23	7.770	8.9	6.3		2.422		7.0		0.000				0.615				0.530	0.173	12.200	0.00
10/22/23	7.960	9.1		<0.1	2.293				0.000				0.767				0.530	0.180	12.520	0.00
10/23/23	8.010	6.5	6.5	<0.1	2.151	7.5	7.0	<0.1	0.000				0.133	14.6	8.2	<0.1	0.530	0.178	12.660	0.04
10/24/23	7.950	7.0	4.6	0.1	3.031	7.4	7.0	<0.1	0.000				0.022	9.4	6.6	<0.1	0.540	0.177	11.940	0.00
10/25/23	7.890	5.6	5.0	<0.1	2.948	6.8	8.0	<0.1	0.027	0.6	2.6	0.1	1.325	9.2	6.4	<0.1	0.470	0.179	11.540	0.00
10/26/23	8.050	7.9		<0.1	2.380	8.0	4.0	<0.1	0.000				1.533	8.6	5.2	<0.1	0.530	0.179	12.600	0.00
10/27/23	8.100	7.1	8.5	0.1	2.711	7.2	6.0	<0.1	0.000				1.524	7.8	5.0	<0.1	0.480	0.183	13.110	0.00
10/28/23	8.020	10.1	7.3		2.622		7.0		0.000				1.622				0.520	0.179	12.810	0.00
10/29/23	8.080	7.1	9.0	<0.1	2.372				0.000				1.606				0.520	0.180	12.940	0.00
10/30/23	8.150	9.8	8.8	<0.1	2.429	7.8	7.0	0.1	0.000				1.574	7.8	4.8	<0.1	0.520	0.175	13.040	0.00
10/31/23	8.090	7.2	6.0	0.1	2.614	7.6	7.0	<0.1	0.000				1.455	9.0	5.8	<0.1	0.530	0.182	12.960	0.00
AVG	8.024	9.5	8.2	<0.1	2.565	6.5	7.0	<0.1	0.009	1.5	3.1	<0.1	0.429	10.4	6.6	<0.1	0.494	0.193	11.921	
TOTAL	248.730				79.519				0.271				13.308				15.310	5.977	369.540	0.10

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: October 2023
 REPORT DUE: December 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 05:29

Weather: Overcast

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Enterococcus 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					
S0	10/03/23	09:35	20	<20	<2	None	None	None	None	Green			Slightly Turbid		
S1	10/03/23	09:20	20	<20	20	None	None	None	None	Green			Slightly Turbid		
S2	10/03/23	10:05	60	<20	6	None	None	None	None	Green	66		Slightly Turbid		
DSB5	10/03/23	10:10	20	20	38	None	None	None	None	Green			Slightly Turbid		
S3	10/03/23	08:55	40	40	<2	None	None	None	None	Green			Slightly Turbid		
DSB4	10/03/23	08:50	20	<20	10	None	None	None	None	Green			Slightly Turbid		
S5	10/03/23	08:40	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
DSB1	10/03/23	08:30	<20	<20	20	None	None	None	None	Green			Slightly Turbid		
SJC1	10/03/23	09:45	<100	100	90	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

#2

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: October 2023
 REPORT DUE: December 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 08:26
 Weather: Overcast
 COMMENTS: Duplicate at S-5

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	10/11/23	09:00	40	<20	10	None	None	None	None	Green			Slightly Turbid		
S1	10/11/23	09:04	20	<20	2	None	None	None	None	Green			Slightly Turbid		
S2	10/11/23	09:57	80	<20	10	None	None	None	None	Green			Slightly Turbid		
DSB5	10/11/23	09:52	60	<20	10	None	None	None	None	Green			Slightly Turbid		
S3	10/11/23	09:19	20	20	20	None	None	None	None	Green			Slightly Turbid		
DSB4	10/11/23	09:22	100	<20	10	None	None	None	None	Green			Slightly Turbid		
S5	10/11/23	09:29	100	<20	8	None	None	None	None	Green	65		Slightly Turbid		
DSB1	10/11/23	09:33	60	<20	2	None	None	None	None	Green			Slightly Turbid		
SJC1	10/11/23	08:53	700	<100	100	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: October 2023
 REPORT DUE: December 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 11:02
 Weather: Overcast
 COMMENTS: Duplicate at SJC1Z

			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	10/18/23	09:11	<20	<20	4	None	None	None	None	Green	67	Slightly Turbid			
S1	10/18/23	09:15	<20	<20	4	None	None	None	None	Green		Slightly Turbid			
S2	10/18/23	10:10	200	20	84	None	None	None	None	Green		Slightly Turbid			
DSB5	10/18/23	10:03	40	<20	10	None	None	None	None	Green		Slightly Turbid			
S3	10/18/23	09:27	20	<20	2	None	None	None	None	Green		Slightly Turbid			
DSB4	10/18/23	09:30	<20	<20	<2	None	None	None	None	Green		Slightly Turbid			
S5	10/18/23	09:40	20	20	4	None	None	None	None	Green		Slightly Turbid			
DSB1	10/18/23	09:44	<20	<20	4	None	None	None	None	Green		Slightly Turbid			
SJC1	10/18/23	09:05	<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

#4

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: October 2023
 REPORT DUE: December 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

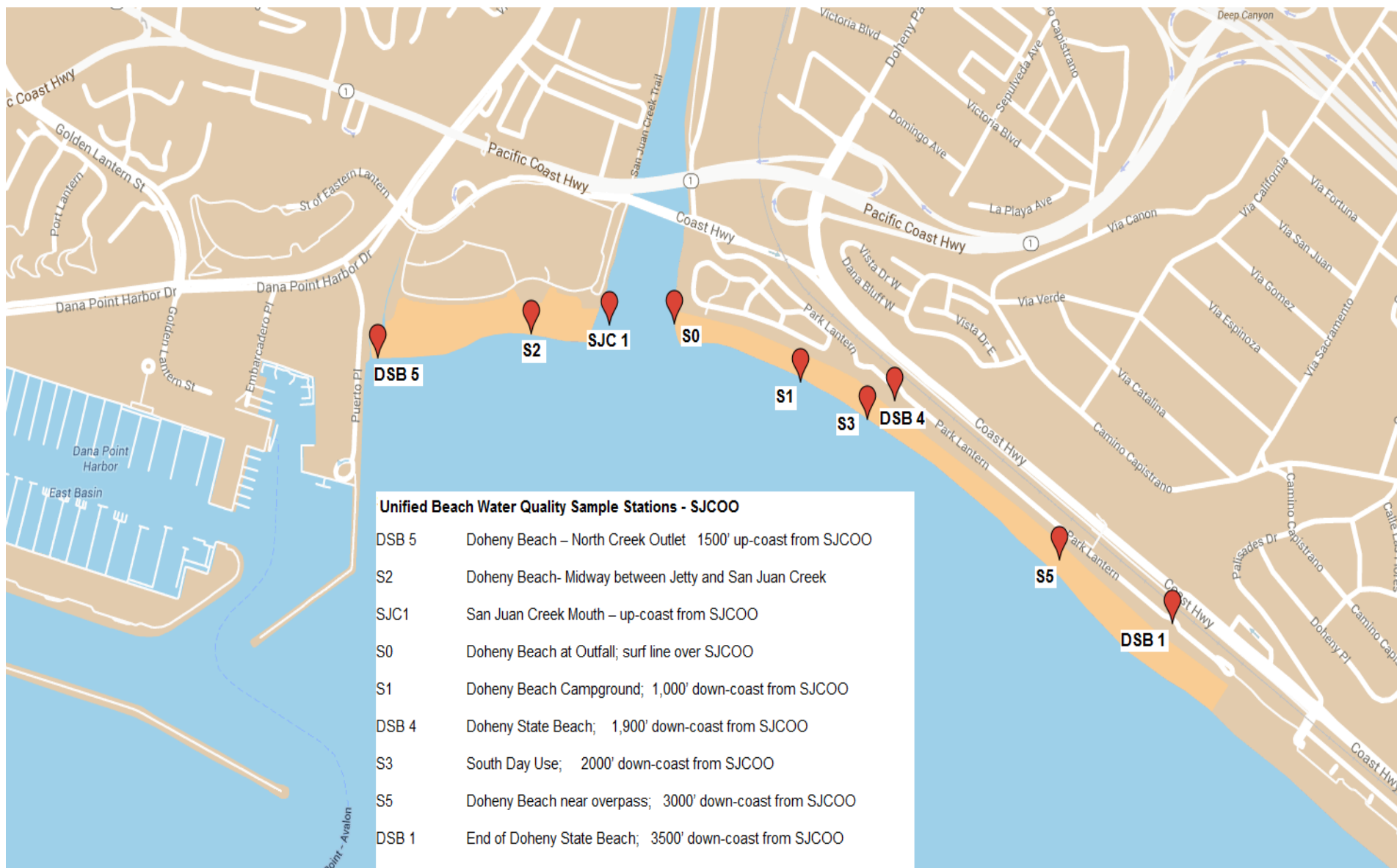
Tidal Condition: High Tide 07:21

Weather: Overcast

COMMENTS:

STATION #	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										
S0	10/25/23	08:06	<20	20	20	None	None	None	None	None	Green	67	Clear				
S1	10/25/23	08:10	<20	<20	<2	None	None	None	None	None	Green		Clear				
S2	10/25/23	09:12	<20	<20	<2	None	None	None	None	None	Green		Clear				
DSB5	10/25/23	09:03	<20	<20	<2	None	None	None	None	None	Green		Clear				
S3	10/25/23	08:26	20	<20	2	None	None	None	None	None	Green		Clear				
DSB4	10/25/23	08:30	<20	<20	10	None	None	None	None	None	Green		Clear				
S5	10/25/23	08:36	60	<20	10	None	None	None	None	None	Green		Clear				
DSB1	10/25/23	08:41	<20	<20	10	None	None	None	None	None	Green		Clear				
SJC1	10/25/23	08:18	<100	100	10	None	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.



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: October 2023

Report Frequency: Monthly

Report Due: December 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: High Tide 10:27

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	10/17/23	2	<2	2	7:54	0	0	
A-1	Mid depth	10/17/23	<10	<10	<10				
A-2	Surface	10/17/23	<2	<2	<2	09:31	0	0	
A-2	Mid depth	10/17/23	10	10	<10				
A-3	Surface	10/17/23	2	<2	<2	09:34	0	0	
A-3	Mid depth	10/17/23	<10	<10	<10				
A-4	Surface	10/17/23	<2	<2	<2	09:43	0	0	
A-4	Mid depth	10/17/23	<10	<10	<10				
A-5	Surface	10/17/23	<2	<2	<2	09:37	0	0	
A-5	Mid depth	10/17/23	220	140	10				
B-1	Surface	10/17/23	2	<2	<2	07:46	0	0	
B-1	Mid depth	10/17/23	<10	<10	<10				
B-2	Surface	10/17/23	<2	<2	<2	09:47	0	0	
B-2	Mid depth	10/17/23	<10	<10	<10				
N1	Surface	10/17/23	2	<2	<2	09:13	0	0	
N2	Surface	10/17/23	<2	2	4	09:11	0	0	
N3	Surface	10/17/23	2	<2	2	09:09	0	0	
N4	Surface	10/17/23	4	<2	<2		0	0	
N5	Surface	10/17/23	2	<2	<2	09:00	0	0	
N6	Surface	10/17/23	4	2	<2	08:55	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.

Receiving Water Limitations: (1)30-Day geometric mean of fecal coliform density not to exceed 200CFU/100 mL

calculated based on the five most recent samples from each site (2)single sample max not to exceed 400 CFU/100mL

(3) Enterococcus 6-week rolling geometric mean not to exceed 30 CFU/100 mL, calculated weekly. (4) Statistical threshold value (STV) of 110 CFU/100 mL for enterococcus not to be exceeded by more than 10% of samples collected in a calendar month, calculated in a static manner

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	
MNWD - RTP	5/9/2023	TDS	12-Month	mg/L	1000	1313	
MNWD - RTP	5/9/2023	TDS	Daily Maximum	mg/L	1100	1160	
MNWD - 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	
MNWD - RTP	6/6/2023	TDS	12-Month	mg/L	1000	1130	
MNWD - RTP	6/6/2023	TDS	Daily Maximum	mg/L	1100	1302	
MNWD - 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	
MNWD - RTP	7/2/2023	TDS	12-Month	mg/L	1000	1286	
MNWD - RTP	7/2/2023	Manganese	12-Month	mg/L	0.05	0.130	
MNWD - RTP	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	
TCWD - RRWRP	8/1/2023	TDS	12 month	mg/L	1000	1038	
MNWD - RTP	8/15/2023	TDS	12-Month	mg/L	1000	1275	
MNWD - RTP	8/15/2023	Manganese	12-Month	mg/L	0.05	0.090	
SOCWA - CTP	8/15/2023	Manganese	12-Month	mg/L	0.05	0.08	
MNWD - 3A	8/7/2023	TDS	12-Month	mg/L	1000	1115	
MNWD - 3A	8/7/2023	Manganese	12-Month	mg/L	0.05	0.12	

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
TCWD - RRWRP	9/5/2023	TDS	12 month	mg/L	1000	1036	
MNWD - RTP	9/5/2023	TDS	12-Month	mg/L	1000	1267	
MNWD - RTP	9/5/2023	Manganese	12-Month	mg/L	0.05	0.120	
SOCWA - CTP	9/23/2023	Manganese	12-Month	mg/L	0.05	0.08	
MNWD - 3A	9/5/2023	TDS	12-Month	mg/L	1000	1099	
MNWD - 3A	9/5/2023	Manganese	12-Month	mg/L	0.05	0.12	
TCWD - RRWRP	10/3/2023	TDS	12 month	mg/L	1000	1017	
MNWD - RTP	10/2/2023	TDS	12-Month	mg/L	1000	1262	
MNWD - RTP	10/2/2023	Manganese	12-Month	mg/L	0.05	0.130	
SOCWA - CTP	10/10/2023	Manganese	12-Month	mg/L	0.05	0.08	
MNWD - 3A	10/2/2023	TDS	12-Month	mg/L	1000	1103	
MNWD - 3A	10/2/2023	Manganese	12-Month	mg/L	0.05	0.09	

Recycled Water Report

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: Oct 31, 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	1017.00	Offline	817.00	676.00	1103.00	1262.00	1031.00
Chloride	mg/L	375	227.00	Offline	212.00	239.00	218.00	264.00	268.00
Sulfate	mg/L	400	363.00	Offline	172.00	197.00	337.00	358.00	308.00
Sodium	mg/L	None	53.00	Offline	153.00	177.00	-	185.00	170.00
Alkalinity	mg/L	None	-	Offline	-	-	-	276.00	198.00
Adjusted SAR	Ratio	None	3.98	Offline	4.59	5.48	3.46	3.95	4.20
Iron	mg/L	0.3	.01	Offline	.09	.01	.16	.22	.13
Manganese	mg/L	0.05	.01	Offline	.03	.01	0.09	.13	.08
MBAS	mg/L	0.5	ND	Offline	ND	ND	<0.04	<0.08	<0.08
Boron	mg/L	0.75	.31	Offline	.35	.35	.34	.39	.33
Fluoride	mg/L	None	.64	Offline	.67	.74	.76	.85	.84
Total Organic Carbon	mg/L	None	6.10	Offline	11.20	7.10	2.20	10.20	7.40

*** 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	.00	.00	.00			-10.42
CSJC 2	Chiquita/SMWD	.29	4.74	.71	25.98	35.03	47.21	52.09	41.00	37.92	32.20			277.17
CSJC 3	Non-Domestic Well	10.40	27.80	5.70	11.90	20.08	19.50	53.65	37.73	30.00	32.50			249.26
ETWD	Region 8	16.43	40.04	12.22	89.54	99.75	147.99	240.39	179.40	151.54	124.58			1101.87
IRWD														
4	IRWD - 8	21.73	53.01	10.23	48.46	96.69	119.50	189.89	189.89	187.63	141.18			1058.20
4	IRWD - 9	8.13	22.80	2.69	29.28	44.09	51.61	79.05	79.05	74.93	53.15			444.79
SCWD	SOCWA CTP	5.64	44.41	9.09	40.22	59.37	65.93	82.77	107.40	33.73	49.09			497.65
MNWD	JRP	174.19	247.35	149.73	297.08	407.52	309.19	568.27	474.36	446.09	381.46			3455.24
	3-A Plant	130.46	6.55	.00	57.46	148.14	146.82	146.43	133.23	132.73	114.10			1015.92
5	CTP	1.07	4.00	.00	.00	-32.42	-38.93	-30.03	4.43	-39.92	-6.34			-138.13
SMWD	Oso Creek													
	Chiquita	546.20	452.32	555.10	489.33	498.88	494.18	496.02	512.11	487.62	498.02			5029.78
	Nichols	1.50	1.35	1.52	1.34	1.47	1.52	1.90	2.15	1.88	1.55			16.17
TCWD	RRWRP	56.19	37.03	34.85	28.41	39.18	27.57	40.74	43.35	38.05	40.59			385.96
TOTALS		972.20	941.41	780.04	1110.37	1417.78	1392.09	1921.17	1804.09	1582.20	1462.07			13766.08

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.H.

Legal Counsel Review: No

Meeting Date: December 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 – November and December 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

In November SOCWA renewed its subscription with the CA Manufacturers Directory along with submitted will serve notices, business licensing data to identify industrial users (IUs) to keep the member agency (MA) industrial waste survey (IWS) spreadsheet current. 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:

SMWD – WD Permit No. SMWD-1-004-06-28 for Applied Medical – On November 2, 2023, Staff issued a Permit Termination letter. All passivation and deburring operations in building R108, located at 30152 Aventura, Rancho Santa Margarita, CA 92688 were transferred to building R119, located at 23061 Arroyo Vista, Rancho Santa Margarita, CA 92688. These operations are now regulated under WD Permit No. SMWD-1-009-09-28.

SCWD – NSWD Permit No. SCWD-N4-011 – OC Public Works Poche Beach – Renewal NSWD Permit to continue to allow backwash wastewater from the treatment system to be discharged to the sewer. The current permit expired October 1, 2023. SOCWA Staff are waiting to receive a renewal permit application from County Staff and SCWD Staff are working on an Amendment to the existing Agreement between OC and SCWD to extend the Agreement dates. Once all is finalized, a renewal permit may be issued. County Staff confirmed that the treatment system was shut down and remains off unless special written approval is granted.

CSC – WD Permit No. CSC-2-009-08-27 – Customs Flavors – Staff modified the permit for the Custom Flavors site, located at 160 Calle Iglesia, to require monthly submittal of copies of all hauling manifests. This was in response to inspection findings, see below.

SOCWA – NSWD Permit No. SOCWA-S1-001 – South Cove Community Association – On November 8, 2023, Staff received a renewal permit application for stormwater discharge from the South Cove Community to the neighboring JB Latham WWTP. Staff expects to issue a renewal permit within 30-days.

Trainings and Committee Meetings Attended

On November 6, 2023, Staff assisted in a SCWD meeting with Montage and its FOG consultant to discuss replacement of a faulty grease interceptor.

On November 8-10, 2023, Staff participated in a CWEA Environmental Compliance Inspector (ECI) Certification workshop and networking event to help rewrite test questions to better reflect job knowledge needed for Grades I-IV.

On November 16, 2023, Staff attended an in-person CWEA SARBS Board of Directors meeting to advocate for a local SARBS P3S Committee which would be a liaison to the State Committee.

Inspections

CSC – On November 1, 2023, SOCWA and CSC Staff inspected and sampled Custom Flavors, located at 160 Calle Iglesia, San Clemente, CA 92672, to ensure all permit requirements, such as the requirement to haul all first rinse wastewater, are implemented. Inspectors did not find any storage of first rinse wastewater despite confirmation that the facility was producing product the previous evening and no hauling had occurred since. Based on this inspection finding, Staff modified the permit to require copies of manifests to be submitted to SOCWA/CSC monthly. All SOCWA test results were compliant with permit limits. See above Permit Activities for more.

IRWD – On December 5, 2023, SOCWA performed its annual inspection and sampling event of Herbalife, located at 20481 Crescent Bay Dr, Lake Forest, CA 92630. Inspection and sampling findings are pending.

Summary of IWS Activities in SOCWA's Service Area - YTD through November 20, 2023

MA IUs	Events	Permits	NIWD	BMPs	FSEs	OSEs	DSEs	Closed	Enforcement	Total IUs
CLB (S)	0	3	2	5	8	110	15	0	0	143
CSC (S)	3	10	35	18	181	1265	37	1	1	1546
CSJC (S)	41	0	27	59	142	1690	28	11	0	1946
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)	98	6	120	38	647	2133	150	21	1	3094
SMWD (S)	53	11	19	20	213	835	52	10	0	1150
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	1	6
Totals	199	50	387	168	1671	7298	367	43	3	9893

(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.I.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACTS: Roni Grant, Associate Engineer

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

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 project is complete. The first dive was performed on the night of Oct 12th with the replacement of two out of the five seals. The second dive was performed on the night of Oct 19th with the replacement of the remaining three seals. In addition, a flowmeter was installed as part of the second dive. Staff appreciates all the support and assistance from the impacting agencies.

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	D	B&A	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	D	D	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	B&A	C	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		69	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	D	B&A	C			
3101	Trail Bridge Crossing (D)	\$ 150,000	Planning/design underway	P	P	D	D	B&A			
PC 24 - Aliso Creek Ocean Outfall											
3480	Internal Seal Replacement	\$ 250,000		C	C						
34241O	ACOO Outfall Ballast Repairs	\$ 250,000			P	B&A	C	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.J.

Budgeted: Yes

Budget amount: \$181,000

Line Item: PC 2, 15, and 17 - Line Items 5006 and 5009

Legal Counsel Review: No

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Jeanette Cotinola, Procurement & Contracts Manager

SUBJECT: Chlor-alkali Products Sodium Hypochlorite (Bleach) 6-month Contract Extension [Project Committee Nos. 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 hypochlorite (bleach) was only for six months due to market and global supply chain volatility.

Discussion/Analysis

There are up to two (2) 6-month additional extensions to purchase bleach remaining under the existing contract with Olin. Olin has offered a six-month extension at the current pricing.

Prior Related Project Committee or Board Action(s)

In September 2022, the Board authorized the General Manager to enter into a contract with Olin for sodium hypochlorite products for six months with up to three (3) additional six-month renewals.

Fiscal Impact

None

Recommended Action: Staff recommends that the Board of Directors authorize the Acting General Manager to exercise the second of three (3) six 6-month renewals with Olin at the current pricing that was effective July 1, 2023.

/attachment: Olin Proposal dated April 4, 2023

April 4, 2023

Jeanette Cotinola, CPCM
Procurement/Contracts Manager
South Orange County Wastewater Authority
34156 Del Obispo St.
Dana Point, CA 92629
Email: jcotinola@socwa.com

Re: Sodium Hypochlorite 2023 Semi-Annual Pricing - SOCWA Coop

Dear Jeanette,

Olin sincerely thanks the South Orange County Wastewater Authority and coop member agencies for your business. As requested, Olin offers the following semi-annual pricing for the next semi-annual supply term.

Chlorine and bleach availability both remain in short supply this year heading into summer and some local suppliers have failed to meet critical supply contracts this past year. Olin has consistently met our obligations to our customers even as supply-chain costs have risen this past year. Chemical manufacturing has also increased (see PPI index). Energy (natural gas) costs for manufacturing in CA and fuel costs for transportation have also increased significantly again this year (see attached PG&E and EIA data). Olin has honored our firm price commitment to SOCWA and request cost relief this next semi-annual contract term to recover recent and additional anticipated increases in 2023. New pricing below would be effective July 1, 2023 thru Dec. 31, 2023 as follows:

Sodium Hypochlorite, 12.5% (\$/gal.)

Min. delivery quantities

500 – 1,000 gals.
1,001 – 2,000 gals.
2,001 – 3,000 gals.
3,001 – 4,000 gals.
4,001 – 4,800 gals.
> 4,800 gals.

2023 Semi-annual Pricing

\$3.09
\$2.82
\$2.65
\$2.49
\$2.35
\$2.22

Sodium Hypochlorite, 5.25%

Min. ≥4,800 gals.

\$1.30

Olin continues to try and be as fair and reasonable as possible and we still remain very competitively priced to local market conditions (see recent 2023 Muni bid prices). Please respond with your decision by 4/25 so we may lock in our vendors and protect the SOCWA coop group from any further potential market changes.

Olin sincerely appreciates being your supplier and we look forward to another year working with SOCWA. Please contact Chuck Hogan or myself at 209.221.8265 if you have any questions.

Regards,



John M. Schabacker
Business Director

CC: Chuck Hogan, Account Manager
Jim Burror, Director Operations

Attachments :

Agenda Item

5.K.

Budgeted: Yes

Line Item: PC-2, 15, and 17 Line 5057

Legal Counsel Review: No

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Jeanette Cotinola, Procurement & Contracts Manager

SUBJECT: Hach Annual NITRATAX Plus Probe Service Contract \$13,770.00
[Project Committees 2, 15, and 17]

Summary

This agenda item provides a recommendation to authorize the Acting General Manager to execute a sole source annual contract with Hach for a 1-year service for servicing the ten (10) nitrate probes used at the three SOCWA treatment plants.

Discussion/Analysis

The nitrate probes are used to monitor and help control the wastewater processes at each treatment plant. The real-time data from these probes allows the operational staff to adjust the biological processes regularly to ensure compliance with the NPDES permits.

The annual service contract helps ensure the probes are functioning properly, regularly serviced, and quickly repaired.

Prior Related Project Committee (PC) or Board Action(s)

April 2023 – Board approved a one (1) year service for \$12,232.00

Fiscal Impact

With the Uniform Purchasing Policy and Procedures update in March 2023, Serial purchase orders may not be used to make expenditures for the same discretionary item where in total the amounts exceed the spending authorization limit [of \$50,000]. Hach is the only vendor available to SOCWA for this service and the total spent to date for the services, not including this request, is \$83,797.00. The total will be \$97,567.00 with this request.

The allocations by PC and Member Agency are presented below:

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Service Contract Costs by Project Committee

PC	Probes Per Site	Annual Cost
2	2	\$2,754.00
15	4	\$5,508.00
17	4	\$5,508.00
Total	10	\$13,770.00

PC2 O&M Liquids Allocation By Agency

Agency	Budget Allocation % ⁽¹⁾	Contract Costs
MNWD	18.26%	\$502.88
SMWD	60.89%	\$1,676.91
SCWD	20.85%	\$574.21
Total	100.00%	\$2,754.00

⁽¹⁾ FY2023-24 Budget Book

PC15 O&M Liquids Allocation By Agency

Agency	Budget Allocation % ⁽¹⁾	Contract Costs
CLB	53.67%	\$2,956.14
EBSD	2.30%	\$126.68
MNWD	0.00%	\$0.00
SCWD	44.03%	\$2,425.17
Total	100.00%	\$5,508.00

⁽¹⁾ FY2023-24 Budget Book

PC17 O&M Liquids Allocation By Agency

Agency	Budget Allocation % ⁽¹⁾	Contract Costs
CLB	0.2040%	\$11.24
EBSD	0.0087%	\$0.48
ETWD	0.2494%	\$13.74
MNWD	99.3714%	\$5,473.38
SCWD	0.1665%	\$9.17
Total	100.0000%	\$5,508.00

⁽¹⁾ FY2023-24 Budget Book

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SOCWA Agencies Cost Summary

Agency	Contract Costs
CLB	\$2,967.38
EBSD	\$127.16
ETWD	\$13.74
MNWD	\$5,976.26
SMWD	\$1,676.91
SCWD	\$3,008.55
Total	\$13,770.00

Recommended Action: Staff recommends that the Board of Directors authorize the General Manager purchasing authority to execute a sole source contract with Hach for a 1-year service contract to service the ten (10) NITRATAX Plus Probes for an amount not to exceed \$13,770.00.

Agenda Item

5.L.

Budgeted: Yes

Line Item: PC17 Small Capital

Legal Counsel Review: No

Meeting Date: December 7, 2023

TO: Board of Directors

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

SUBJECT: Small Capital RTP Interstage Pump Overhaul for \$53,229.42 [Project Committee 17 - Liquids]

Summary

This agenda item provides a recommendation for the sole source award of a small capital project to overhaul Interstage Pump #1 at the Regional Treatment Plant for \$53,229.42 plus tax, fees, and freight.

Discussion/Analysis

SOCWA needs to overhaul a critical interstage pump that lifts the wastewater in the treatment process for treatment. This project is a scheduled overhaul to extend the life of the equipment, but the equipment repairs were found to exceed the General Manager's delegated authority of \$50,000. Past interstage pump overhauls have ranged from \$40,000 to \$47,000.

The interstage pumps are unique to the Regional Plant, and replacement pumps are not available for purchase. These axial flow interstage pumps were designed by Brown and Caldwell and specially fabricated in 1984 with the construction of the Plant.

The pump is beyond the end of its useful life and is starting to lose efficiency, resulting in reduced pumping capacity. Vaughan's Industrial is the original fabricator of the pumps and continues to provide maintenance services.

Fiscal Impact

This project was budgeted as a small capital project.

Recommended Action: Staff recommends that the Board of Directors authorize the General Manager to execute a contract with Vaughan's Industrial Repair Co. to overhaul Interstage Pump #1 at the cost of \$53,229.42, plus tax, fees, and freight that are determined at the time the units are shipped.

Agenda Item

5.M.

Budgeted: Yes

Budget amount: \$132,500

Line Item: PC2, 15 & 17 Lines 5012

Legal Counsel Review: No

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Jeanette Cotinola, Procurements & Contracts Manager

SUBJECT: Contract Extension Award to Athens Services for Grit Hauling and Disposal Services [Project Committees Nos. 2, 15, and 17]

Summary

The fourth contract renewal, of up to five (5), for grit hauling and disposal services contract ends on January 1, 2024. This service is necessary to remove and dispose of the grit and screenings (trash and debris) collected by each Treatment Plant's influent screens that protect the downstream equipment within the Treatment Plants.

SOCWA staff is requesting the Board approve a 1-year contract extension with Athens Services to continue grit hauling and disposal services. These services are for SOCWA and its member agencies that operate similar facilities. The proposed fees for the SOCWA facilities are shown below. These fees do not include taxes and surcharges for single bin deliveries that are determined when services are rendered.

Facility	Transportation Cost Per Trip (double bin)		
	Current Fees	Proposed Fees	% Increase
SOCWA Regional Treatment Plant	\$1,001.68	\$1,071.20	6.94%
SOCWA JBL Treatment Plant	\$1,027.76	\$1,099.09	6.94%
SOCWA Coastal Treatment Plant	\$944.11	\$1,009.63	6.94%
SMWD Chiquita WRF	\$944.11	\$1,009.63	6.94%
ETWD WWTP	\$905.04	\$967.85	6.94%
IRWD LAWRP	\$1,051.47	\$1,124.44	6.94%
CSC WRP	\$1,045.86	\$1,118.44	6.94%

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Discussion/Analysis

The proposed increase from Athens Services for this 1-year extension is 6.94% over the current contract pricing. The primary drivers for the proposed increases are due to driver labor cost increases. Staff budgeted for this service a line item increase to the costs of 5% for this fiscal year; the increase impact on the overall Budget will be evaluated later in the Fiscal Year.

Prior Related Project Committee or Board Action(s)

None

Fiscal Impact

The impact on each of the three Project Committees will be a 6.94% increase over last year's grit hauling expenses or \$5,269.06. The increase by PC and member agency is presented below:

Estimated Service Utilization Increase Costs by PC (a)

PC	Est. Trips per Year	Inc. Trip Cost	Total Est. Annual Inc.
2	34	\$71.33	\$2,425.22
15	19	\$65.52	\$1,244.88
17	23	\$69.52	\$1,598.96
Total	76		\$5,269.06

(a) Does not include tip fees charged by Waste Management at Simi Valley Landfill.

PC2 O&M Liquids Est. Annual Grit Hauling Allocation

Agency	Budget Allocation %(1)	FY22-23 Est. Expenses	Est. Annual Cost Increase	FY23-24 Est. Expenses	% Est. Annual Inc. by Agency
CSJC/SMWD	60.89%	\$21,277.30	\$1,476.72	\$22,754.02	6.94%
MNWD	18.26%	\$6,380.75	\$442.85	\$6,823.59	6.94%
SCWD	20.85%	\$7,285.79	\$505.66	\$7,791.45	6.94%
Total	100.00%	\$34,943.84	\$2,425.22	\$37,369.06	6.94%

(1) FY2023-24 Budget Book

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PC15 O&M Liquids Est. Annual Grit Hauling Allocation

Agency	Budget Allocation %(1)	FY22-23 Est. Expenses	Est. Annual Cost Increase	FY23-24 Est. Expenses	% Est. Annual Inc. by Agency
CLB	53.67%	\$9,627.37	\$668.13	\$10,295.50	6.94%
EBSD	2.30%	\$412.58	\$28.63	\$441.21	6.94%
MNWD	0.00%	\$0.00	\$0.00	\$0.00	NA
SCWD	44.03%	\$7,898.14	\$548.12	\$8,446.26	6.94%
Total	100.00%	\$17,938.09	\$1,244.88	\$19,182.97	6.94%

(1) FY2023-24 Budget Book

PC17 O&M Liquids Est. Annual Grit Hauling Allocation

Agency	Budget Allocation %(1)	FY22-23 Est. Expenses	Est. Annual Cost Increase	FY22-23 Est. Expenses	% Est. Annual Inc. by Agency
CLB	0.2040%	\$47.00	\$3.26	\$50.26	6.94%
EBSD	0.0087%	\$2.00	\$0.14	\$2.14	6.94%
ETWD	0.2494%	\$57.46	\$3.99	\$61.45	6.94%
MNWD	99.3714%	\$22,893.82	\$1,588.91	\$24,482.73	6.94%
SCWD	0.1665%	\$38.36	\$2.66	\$41.02	6.94%
Total	100.0000%	\$23,038.64	\$1,598.96	\$24,637.60	6.94%

(1) FY2023-24 Budget Book

SOCWA Agencies Estimated Annual Grit Hauling Totals For All PC's

Agency	FY22-23 Est. Expenses	Est. Annual Cost Increase	FY23-24 Est. Expenses	% Est. Annual Inc. by Agency
CLB	\$9,674.37	\$671.39	\$10,345.76	6.94%
CSJC/SMWD	\$21,277.30	\$1,476.72	\$22,754.02	6.94%
EBSD	\$414.58	\$28.77	\$443.35	6.94%
ETWD	\$57.46	\$3.99	\$61.45	6.94%
MNWD	\$29,274.56	\$2,031.75	\$31,306.32	6.94%
SCWD	\$15,222.29	\$1,056.44	\$16,278.73	6.94%
Total	\$75,920.57	\$5,269.06	\$81,189.63	6.94%

Recommended Action: Staff recommends that the Board of Directors award a 1-year contract extension to Athens Services for Grit Hauling and Disposal Services at the following rates, plus taxes and surcharges for single bin deliveries that are determined when services are rendered.

Facility	Transportation Cost Per Trip (double bin)
	Proposed Fees
SOCWA Regional Treatment Plant	\$1,071.20
SOCWA JBL Treatment Plant	\$1,099.09
SOCWA Coastal Treatment Plant	\$1,009.63
SMWD Chiquita WRF	\$1,009.63
ETWD WWTP	\$967.85
IRWD LAW RP	\$1,124.44
CSC WRP	\$1,118.44

Agenda Item

6.A.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Roni Grant, Associate Engineer

SUBJECT: Contract Award for Coastal Treatment Plant (CTP) Personnel Building Reconstruction Engineering Services during Construction [Project Committee 15]

Overview

The CTP Personnel Building was constructed in 1967 and repurposed into staff locker rooms, showers, and a workshop in 1983. The showers, bathroom fixers, lighting, and drains have all deteriorated and require replacement. The design engineer ProjectLine submitted the final design and staff plans on this project bidding at the beginning of 2024.

ProjectLine submitted a proposal to provide engineering services during construction (ESDC). The scope of services includes the following:

- Bid-Phase Services: Bid set revisions, production of bid set, and pre-bid assistance.
- Construction-Phase Services: Request for Information (RFI), submittals, site visits, and meetings

Cost Analysis

The proposed cost for these services is \$31,150. The cost allocation by member agencies is shown in Table 1. Project 3525-000 has a budget of \$400,000 this fiscal year for the construction and ESDC services. The Engineer's cost estimate for this project is \$384,480.

Table 1 – Cost Allocation

Member Agency	3525-000
City of Laguna Beach	\$11,809.10
Emerald Bay Service District	\$929.85
Moulton Niguel Water District	\$9,112.54
South Coast Water District	\$9,298.51
Total	\$31,150.00

Prior Related Project Committee or Board Action (s)

This item was reviewed by the Engineering Committee on November 9, 2023.

Recommended Action: The Engineering Committee recommends that the PC 15 Board of Directors approve the contract to ProjectLine for a total of \$31,150 for the Engineering Services During the Construction of the CTP Personnel Building Reconstruction Project.

Agenda Item

7.A.

Budgeted: No

Budget amount: N/A

Line Item:

Legal Counsel Review: No

Meeting Date: December 7, 2023

TO: Board of Directors

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

STAFF CONTACT: Amber Baylor, Director of Environmental Compliance

SUBJECT: SJCOO Tentative Order R9-2024-0005 Comment Letter

Summary

On November 7, 2023, SOCWA, SCWD, and other interested parties received a notice of public hearing and opportunity to comment from the San Diego Regional Water Quality Control Board (SDRWQCB) for the San Juan Creek Ocean Outfall (SJCOO) NPDES Tentative Order No. R9-2024-0005. The amendment to the permit is necessary so that SCWD can remain in compliance with permit conditions for special studies related to the Doheny Desal facility. The amended order will be before the SDRWQCB for adoption on February 14, 2024.

Discussion/Analysis

On October 4, 2023, the SOCWA staff and SCWD staff met with staff from the San Diego Regional Water Quality Control Board to request updates to the San Juan Creek Ocean Outfall NPDES permit based on additional timing to complete special studies associated with the Doheny Desal Project. SDRWQCB staff requested by October 23, 2023, to provide an update to the requests that would be needed to update special studies timing. The SDRWQCB staff processed the requests and released a draft tentative NPDES permit to include the requested updated permit timing as described below.

The public notice for the amendment can be found on the SDRWQCB's website: https://www.waterboards.ca.gov/sandiego/board_decisions/tentative_orders/. The public comment period associated with the updated permit opened November 7, 2023 and will close at 5.00pm on December 7, 2023. SOCWA staff recommends a comment letter in support of the amendments to the SJCOO permit.

Advisory Committee Review

The Engineering Committee members were briefed in the November 9, 2023, meeting.

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Prior Related Project Committee or Board Action(s)

In the General Manager's report on November 2, 2023, SOCWA staff articulated the permit amendment need for the SCWD to extend the deadline for the following studies and work plans: Mitigation Area of Production Forgone (APF) Re-Evaluation Study Work Plan, the Larval Study Final Report, and the Mitigation Area of Production Forgone (APF) Re-Evaluation Study Final Report.

Fiscal Impact

None

Recommended Action: Staff requests submitting the attached letter of support of the SJCOO Tentative Order R9-2024-0005.

/Attachment: SOCWA letter of support addressed to the SDRWQCB.



South Orange County Wastewater Authority

December 7, 2023

Fisayo Osibodu
California Regional Water Quality Control Board
San Diego Region
2375 Northside Dr., Suite 100
San Diego, CA. 92108

Submitted electronically to Fisayo.Osibodu@waterboards.ca.gov, Attention: 257592:FOsibodu

SUBJECT: Support of San Juan Creek Ocean Outfall (SJCOO) NPDES Tentative Order No. R9-2024-0005.

Dar Mr. Osibodu:

Thank you for the opportunity to comment on the SJCOO Tentative Order No. R9-2024-0005. SOCWA and SCWD appreciate the staff at the San Diego Regional Water Quality Control Board (SDRWQCB) working diligently to process the requests for amendments to the SJCOO NPDES Permit Order No. R9-2022-0005. The amendments were necessary to extend deadlines to match the timing of the SCWD as the agency works to develop the Doheny Desal facility. While it was unanticipated that the Desal Project would need additional timing, we appreciate the flexibility to amend the SJCOO permit to meet the new anticipated deadlines so that SCWD can remain in compliance with permit conditions.

SOCWA and SCWD support the proposed permit amendments. Staff will be present at the February 14, 2023, SDRWQCB meeting to answer any related questions to the amended permit.

Respectfully submitted,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

By: Jim Burror
Title: Acting General Manager/Director of Operations

SOUTH COAST WATER DISTRICT

By: Rick Shintaku
Title: General Manager

Agenda Item

7.B.

Board of Directors Meeting

Meeting Date: December 7, 2023

TO: Board of Directors

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

SUBJECT: Amendment No. 5 – 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 (PC 2) agreement was extended until December 31, 2023, under Amendment No. 4 in September 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: PC 2 Board Discussion/Direction and Action.

Attachment: Draft Amendment No. 5 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

AMENDMENT NO. 5

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

This Amendment No. 5 ("Amendment No. 5") to the "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" ("PC 2 Agreement"), effective _____ ("Effective Date"), is made by and between South Coast Water District, a county water district organized under the provisions of Division 12 of the California Water Code (commencing at Section 30000 et seq.) ("SCWD"), Moulton Niguel Water District, a California water district organized under the provisions of Division 13 of the California Water Code (commencing at Section 34000 et seq.) ("MNWD"), Santa Margarita Water District, a California water district organized under the provisions of Division 13 of the California Water Code (commencing at Section 34000 et seq.) ("SMWD"), and the South Orange County Wastewater Authority, a Joint Powers Authority ("SOCWA"), which are sometimes referred to herein individually as a "Party" and collectively as "Parties".

RECITALS

- A. The PC 2 Agreement was made and entered into on June 28, 1973, by and between the South East Regional Reclamation Authority ("SERRA"), an entity created by a Joint Powers Agreement, and the following parties:
 - (a) City of San Juan Capistrano ("SJC")
 - (b) Dana Point Sanitary District ("DPSD")
 - (c) MNWD
 - (d) SMWD
- B. SOCWA is the successor in interest to SERRA.
- C. SMWD is the successor in interest to SJC.
- D. SCWD is the successor in interest to DPSD.
- E. Per Section 10 of the PC 2 Agreement, its fifty (50) year term was to expire on June 28, 2023, and may be extended by unanimous consent of all parties to the PC2 Agreement.
- F. Effective April 18, 2023, the PC 2 Agreement was amended by Amendment No. 3 to the PC 2 Agreement. Amendment No. 3 extended the expiration of the PC 2 Agreement from June 28, 2023 to September 30, 2023.
- G. Effective September 26, 2023, the PC 2 Agreement was amended by Amendment No. 4 to the PC 2 Agreement. Amendment No. 4 extended the expiration of the PC 2 Agreement from September 30, 2023, to December 31, 2023.

AMENDED AGREEMENT

NOW THEREFORE, in consideration of the mutual promises, covenants, and terms and conditions herein, the Parties agree as follows:

1. The term of the PC 2 Agreement is hereby extended to .
2. All other provisions of the PC 2 Agreement shall remain unchanged.
3. Any Party may execute this Amendment No. 5 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. 5 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. 5 and to legally bind such entity to this document.

IN WITNESS HEREOF, the Parties have executed this Amendment No. 5 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.C.

Board of Directors Meeting

Meeting Date: December 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 Q3 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 and Q2 budgets and requested the Q3 through Q4 budget be considered at their December 7, 2023, Board meeting. The budgets that remain to be approved are presented in the following tables:

Operations and Maintenance Q3 through Q4 Budget

Agency	Q3 Budget	Q4 Budget	Q3 thru Q4 Total	Total PC2 Budget
MNWD	\$327,926	\$327,926	\$655,852	\$1,311,704
SMWD	\$1,085,761	\$1,085,761	\$2,171,522	\$4,343,045
SCWD	\$364,887	\$364,887	\$729,774	\$1,459,549
Total	\$1,778,575	\$1,778,575	\$3,557,150	\$7,114,298

PC 2 Capital Expenditures Budget Q3 through Q4 Budget

Agency	Q3 Budget	Q4 Budget	Q3 thru Q4 Total	Total PC2 Budget
MNWD	\$124,376	\$103,845	\$228,221	\$985,550
SMWD	\$282,451	\$216,347	\$498,798	\$2,326,566
SCWD	\$143,173	\$129,808	\$272,981	\$1,087,884
Total	\$550,000	\$450,000	\$1,000,000	\$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 Q3 through Q4 Project Committee 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL, and OPEB) as proposed and PC 2 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering, and small capital).

Agenda Item

7.E.

Board of Directors Meeting

Meeting Date: December 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, SMWD, and EBSD requested information on the budget impact assessment for RTP to be operated by MNWD, which was presented by SOCWA staff at the November 2023 Board meeting.

Proposed 2024 Annual Meeting Calendar

Attached is the proposed 2024 Annual Meeting Calendar for Board review. Please submit any comments or revisions. Please note the following inclusions/changes:

- The following Budget Review dates coincide with the monthly Finance Committee meeting:
 - March 19, 2024, and April 30, 2024
 - Budget Workshop – May 16, 2024
- 2024 Conference Dates
- The December regular Board meeting on 12/5 has been moved to 12/12 due to the ACWA Winter Conference dates.
- The December regular Engineering Committee meeting has been moved to 12/19 due to the Board meeting being moved to 12/5.

ENVIRONMENTAL COMPLIANCE

SCWD Permit Amendment

On October 4, 2023, the SOCWA staff and SCWD staff met with staff from the San Diego Regional Water Quality Control Board to request updates to the San Juan Creek Ocean Outfall NPDES permit based on additional timing to complete special studies associated with the Doheny Desal Project. SDRWQCB staff requested by October 23, 2023, to provide an update to the requests that would be needed to update special studies timing. The following requests were provided to the SDRWQCB to assist the Board staff in the allocation of resources for the updated administrative changes to the permit to occur in tandem with the inclusion of the Ranch Filtration Plant into the permit, as approved by the SOCWA Board on May 4, 2023.

Requested changes to the SJCOO permit timing:

1. Mitigation Area of Production Forgone (APF) Re-Evaluation Study Work Plan.
Original Date: 90 days from adoption of Order.
Requested Revised Date: May 30, 2024

2. The Larval Study Final Report, as required in section 6.3.2.4.3 of this Order.
Original Date: The Dischargers shall submit a Larval Study Final Report ninety (90) days after completion of the Larval Study.

Requested Revised Date: Dec 15, 2024

3. The Mitigation Area of Production Forgone (APF) Re-Evaluation Study Final Report, as required in section 6.3.2.3.3 of this Order.

Original Date: 2 years after the adoption of Order (March 2024)

Requested Revised Date: March 31, 2025

4. The Final Marine Life Mitigation Plan for the South Los Cerritos Wetlands Restoration Project, as required in section 6.3.2.5 of this Order.

Original Date: No later than six months after the completion of the Mitigation APF Re-Evaluation Study Final Report

Requested Revised Date: No revision requested.

Southern California Coastal Water Research Project (SCCWRP) Commission Meeting Comments

On October 20, 2023, SCCWRP held a strategic planning meeting to prioritize the agency's direction. SOCWA staff worked with the industry to cultivate talking points that are relevant to the industry and SOCWA as non-member agencies of SCCWRP. At issue is a process for non-SCCWRP member agencies to engage in science that influences policy. SOCWA staff provided public comments at the meeting in support of a stakeholder advisory group to interface with the Commission on issues that affect policy. SOCWA staff also agreed with the Commissioners on the need for open public review of contracts with a more defined scope so that there is a clearer understanding of the role that SCCWRP science has in policy setting and regulatory threshold setting. SOCWA staff acknowledged the importance of SCCWRP's work and noted that there is a vast amount of water quality science produced annually to augment the joint fact-finding that occurs at the Commission for issues that have policy ramifications.

State Water Resources Control Board (SWRCB) Strike Team Correspondence

The SWRCB Recycled Water Strike Team reached out to SOCWA staff to ascertain details about the status of the JB Latham Treatment Plant's recycled water production status. The SWRCB Recycled Water Strike Team was assembled to identify and resolve issues with permitting and funding obstacles. The SWRCB will provide an email with the required information to be included in an updated list of proposed projects as part of the Governor's Supply Strategy. SOCWA staff will circulate the request for information to PC2 members for comments.

OPERATIONS/ENGINEERING

Regional Treatment Plant

Secondary Emergency Access Road Project Completed

The O&M project to construct a secondary emergency access road has been completed. This will allow staff to enter and exit the treatment plant if the main access road is damaged during a natural disaster. The road is made of decomposed granite.



JB Latham

Arezen Blower Overhaul

O&M staff have begun the first round of overhauls for the turbo blowers commissioned in 2017.



Small Capital Projects

O&M staff completed several projects to replace old, corroded, and leaking water lines around the Plant.



O&M staff also replaced several older check valves on the 9-Side that had failing seats.



South Orange County Wastewater Authority 2024 Board Meeting Calendar

January							February							March							April						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
											1	2	3						1	2		1	2	3	4	5	6
	1	2	3	4	5	6	4	5	6	7	8	9	10	3	4	5	6	7	8	9	7	8	9	10	11	12	13
7	8	9	10	11	12	13	11	12	13	14	15	16	17	10	11	12	13	14	15	16	14	15	16	17	18	19	20
14	15	16	17	18	19	20	18	19	20	21	22	23	24	17	18	19	20	21	22	23	21	22	23	24	25	26	27
21	22	23	24	25	26	27	25	26	27	28	29			24	25	26	27	28	29	30	28	29	30				
28	29	30	31											31													

May							June							July							August						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1		1	2	3	4	5	6					1	2	3
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31				25	26	27	28	29	30	31
							30																				

September							October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7			1	2	3	4	5						1	2	1	2	3	4	5	6	7
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
29	30						27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				

2024 Conference Dates:

CASA Winter Conference	January 24-26, 2024	Palm Springs, CA
AWWA/WEF Utility Mgmt. Conf	February 13-16, 2024	Portland, OR
WaterReuse Symposium	March 11-14, 2024	Denver, CO
CWEA Annual Conference	April 9-12, 2024	Sacramento, CA
ACWA Spring Conference	May 7-9, 2024	Sacramento, CA
CASA Annual Conference	July 31-August 2, 2024	Monterey, CA
WaterReuse California	September 15-17, 2024	Garden Grove, CA
WEFTEC Annual Conference	October 5-9, 2024	New Orleans, LA
ACWA Fall Conference	December 3-5, 2024	Palm Desert, CA

 Board Meeting (8:30 a.m.) <i>(1st Thursday of the month)</i>	 Board Budget Workshop (8:30 a.m.) <i>(5/16/2024)</i>
 Finance Special Committee (10:30 a.m.) <i>(3rd Tuesday of the month)</i> <i>(Monthly meetings as directed on February 20, 2020)</i>	 Finance Special Committee (10:30 a.m.) <i>Special Budget Review Meetings:</i> <i>(3/19/2024, 4/16/2024, & 4/30/2024)</i>
 Executive Regular Committee (9:00 a.m.) <i>2nd Tuesday in May & November</i> <i>(5/14/2024 & 11/12/2024)</i>	 Engineering Regular Committee (8:30 a.m.) <i>(2nd Thursday of the Month)</i>

SOCWA Meetings resumed in person as of November 3, 2022, at:
34156 Del Obispo Street, Dana Point, California
(A *virtual Zoom link is available for all meetings until further notice*)
Red numbered dates indicate SOCWA holidays and weekends.