

I hereby certify that the following Agenda was posted at least 72 hours prior to the time of the Board Meeting so noticed below, at the usual agenda posting location of the South Orange County Wastewater Authority (SOCWA) and at [www.socwa.com](http://www.socwa.com).



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

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

October 5, 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](http://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](mailto: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.

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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

- Board of Directors Meeting of September 7, 2023

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

B. Minutes of Engineering Committee ..... 6

- Engineering Committee Meeting of August 10, 2023

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

C. Minutes of Finance Committee ..... 10

- Finance Committee Meeting of June 20, 2023

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

D. Preliminary Financial Reports for the Month of June 2023 (Close of Fiscal Year) and Financial Report for the Month of July 2023 ..... 13

- 1. June 2023 preliminary reports included are as follows:
  - a. Budget vs. Actual Expenses (June 2023)
    - 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)
    - Q4 Fringe Pool and Fringe Rate (Exhibit E-5)

Agenda

- 2. July 2023 financial reports included are as follows:
  - a. Summary of Disbursements for July 2023 (Exhibit A-1):
  - 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)

**ACTION**        The Finance Committee recommends 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.

E. Operations Report (August).....49

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

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

F. Capital Improvement Program Status Report (September)..... 92

**ACTION**        Information item.

G. Capital Improvement Construction Projects Progress and Change Order Report (September) [Project Committees 2, 15, 17, & 24] ..... 95

**ACTION**        The Engineering Committee recommends that the PC 15 Board of Directors approve Change Order 1 for \$4,345 to DC Hubbs Construction for the CTP AWMA Guardrail Replacement project.

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6. ENGINEERING MATTERS

- A. Contract Amendment for Design of Effluent Transmission Main Air Valve Replacement Project [Project Committee 21] ..... 110

ACTION The Engineering Committee recommends 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.

- B. Contract Award for Engineering Services During Construction for Coastal Treatment Plant (CTP) Aeration Diffuser Replacement Project [Project Committee 15] ..... 112

ACTION The Engineering Committee recommends to the Board of Directors approval of the contract to Hazen and Sawyer for a total of \$68,580 for Engineering Services During Construction for the CTP Aeration Diffuser Replacement Project.

7. GENERAL MANAGER'S REPORT

- A. El Toro Water District Water District Potable Reuse Strategic Plan Support for WaterSMART Planning and Project Design Grant Application for FY 2023-24 ..... 114

ACTION Staff recommends that the SOCWA Board to sign the letter in support of the ETWD grant application.

- B. Rockwell TechConnect Support Agreement Renewal (via OneSource Distributors Inc.) for \$76,992.00 [Project Committees 2, 15, & 17]..... 116

ACTION Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to execute the Rockwell TechConnect Support Agreement with OneSource Distributors Inc. to renew SOCWA's SCADA system licenses in the amount of \$76,992.00.

- C. Discussion on the SCWD/SMWD Proposal Framework.....

- PC 15 Update (Dir. Dunbar)
- Engineering staffing discussion ( Dir. Goldman)

ACTION Board Discussion/Direction and Action.

Agenda

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D. General Counsel's Update.....

- JPA Revision Process (Standing item)

ACTION      Information Item

E. General Manager's Report (Verbal Report) .....

ACTION      Information Item

F. Upcoming Meetings Schedule: .....

- October 5, 2023 – Board of Directors Regular Meeting
- October 12, 2023 – Engineering Committee Meeting
- October 17, 2023 – Finance Committee Meeting
- November 2, 2023 – Board of Directors Regular Meeting

ACTION      Information Item.

8. CLOSED SESSION

A. Closed Session Conference with Legal Counsel – Significant Exposure to Litigation (Gov. Code 54956.9(d)(2)) – One potential case

B. Report out of Closed Session

9. OTHER MATTERS

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

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING  
NOVEMBER 2, 2023

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

**Board of Directors**

**September 7, 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 September 7, 2023, at 8:30 a.m. at their Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Board of Directors were present:

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

**Staff Present:**

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

**Also Present:**

|                    |                                |                 |                                |
|--------------------|--------------------------------|-----------------|--------------------------------|
| ADRIANA OCHOA      | Procopio Law                   | JENNIFER LOPEZ  | South Coast Water District     |
| RICK SHINTAKU      | Varnier & Brandt, LLP          | DAN FERONS      | Santa Margarita Water District |
| DENNIS CAFFERTY    | El Toro Water District         | MIKE GASKINS    | El Toro Water District         |
| CHARLES BUSSLINGER | Municipal Water District of OC | OSMAN MUFTI     | Sloan Sakai Yeung & Wong, LLP  |
| ROGER BUTOW        | Clean Water Now                | DON FROELICH    | Moulton Niguel Water District  |
| ROD WOODS          | Moulton Niguel Water District  | ERICA CASTILLO  | Santa Margarita Water District |
| SAUNDRA JACOBS     | Santa Margarita Water District | JODY BRENNAN    | South Coast Water District     |
| LISA OHLUND        | Ohlund Mgmt. & Tech. Svc       | JOONE LOPEZ     | Moulton Niguel Water District  |
| DICK FIORE         | Moulton Niguel Water District  | KARI VOZENILEK  | Kidman Gagen Law, LLP          |
| SHERRY WANNANIGER  | Moulton Niguel Water District  | JEREMY JUNGREIS | Rutan & Tucker, LLP            |
| MARK SERNA         | South Coast Water District     | BILL MOORHEAD   | Moulton Niguel Water District  |
| LES MIKLOS Y       | Representing Self              | TARYN KJOLSING  | South Coast Water District     |
| GREG PENNINGTON    | South Coast Water District     | KYLE RHORER     | Carollo Engineering            |
| JEFF FERRE         | Best & Best Krieger LLP        | ALLISON BURNS   | Stradling Law                  |

**1. CALL TO ORDER**

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

**2. PLEDGE OF ALLEGIANCE – Director Scott Goldman**

**3. ORAL COMMUNICATIONS**

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

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

No action was taken.

5. CONSENT CALENDAR

ACTION TAKEN

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

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

(5A – 5O)

- A. 1. Minutes of Board of Directors Meeting for July 27, 2023  
(Facilitated Discussion Meeting)
- 2. Minutes of Board of Directors Meeting for August 3, 2023
- B. 1. Engineering Committee Meeting for April 13, 2023
- 2. Engineering Committee Meeting for May 11, 2023
- 3. Engineering Committee Meeting for June 8, 2023
- C. Operations Report (July)  
**Approved Action:** The Board of Directors approved receiving and filing the report as submitted.
- D. Capital Improvement Program Status Report (August)  
**Approved Action:** Information Item.
- E. Capital Improvement Construction Projects and Change Order Report (August) [Project Committees 2, 15, 15, 17, & 24]  
**Approved Action:** Information Item.
- F. 2023-2025 Region IX Kelp Survey Consortium  
[Project Committees 5 & 24]  
**Approved Action:** The PC 5 & 24 Board of Directors authorized the Acting General Manager/Director of Operations to enter into the Region IX Kelp Survey Consortium 2023-2025 contract with MBC Aquatic Sciences in the amount of \$20,779.34.
- G. Annual Renewal of IBM MaaS360 – Mobile Device Management Subscription  
**Approved Action:** The Board of Directors authorized the Acting General Manager/Director of Operations to renew the annual IBM MaaS360 Premier Suite (SaaS) subscription via Bird Rock for \$7,351.00.
- H. ADS Flow Monitoring Services Contract Award [Project Committee 2]  
**Approved Action:** The PC 2 Board of Directors authorized the Acting General Manager/Director of Operations to execute a two-year contract with ADS Environmental Services in the amount not to exceed \$100,000.00.

- I. Annual Renewal of Planet Bids Procurement Hosting Services Subscription  
**Approved Action:** The Board of Directors authorized the Acting General Manager/Director of Operations to renew the annual hosted services subscription with Planet Bids for \$13,378.00.
- J. Pacific West Patrol Contract Renewal for Security Services [Project Committee 2 & 17]  
**Approved Action:** The PC 2 & 17 Board of Directors authorized the Acting General Manager/Director of Operations to execute a 1-year contract not to exceed \$18,00 with Pacific West Patrol for security patrol services.
- K. Contract Renewal to Mariposa Landscapes Inc. for Landscaping Services [Project Committees 2, 15, & 17]  
**Approved Action:** The Board of Directors authorized the Acting General Manager/Director of Operations to execute an extension with Mariposa Landscapes, Inc.
- L. Aptean Tabware Software Renewal for \$46,004.56 [Project Committees 2, 15, & 17]  
**Approved Action:** The Board of Directors authorized the Acting General Manager/Director of Operations to execute a contract amendment for \$46,004.56, for a total contract amount not to exceed \$181,080.86.
- M. Sodium Hydroxide Contract Renewal [Project Committees 2, 15, & 17]  
**Approved Action:** The PC Board of Directors authorized the Acting General Manager/Director of Operations to exercise the second of three (3) 6-month renewals with North Star Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) at the current pricing.
- N. Janitorial Contract Amendment Services [Project Committees 2, 15, & 17]  
**Approved Action:** The PC Board of Directors authorized the Acting General Manager/Director of Operations to execute an amendment to the Janitorial Contract with Crown Facility Solutions for an additional \$966.00 per month to \$68,818.82 per year.
- O. General Manager’s Status Report  
**Approved Action:** Information Item.

6. ENGINEERING MATTERS

- A. Contract Award for As-Needed Project Management Support Services

ACTION TAKEN

A motion was made by Director Goldman and seconded by Director Dunbar to approve the contract to Project Partners for a total of \$168,000 for As-Needed Project Management Support Services.

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



- B. Contract Amendment for Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance [Project Committee 15]

ACTION TAKEN

A motion was made by Director Dunbar and seconded by Director McAvoy to approve the amendment to Dudek for a total of \$81,400 for the Sudge Temporary Impact Area Restoration and Maintenance.

Motion carried:     Aye 3, Nay 0, Abstained 1, Absent 0  
Director Dunbar             Aye  
Director Collings             Abstain  
Director McAvoy             Aye  
Director Goldman             Aye

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

ACTION TAKEN

A motion was made by Director Ury and seconded by Director Goldman to approve the contract to Quinn/Caterpillar for a total not to exceed \$532,070 to pre-purchase the Plant 1 standby generator.

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

7. GENERAL MANAGER'S REPORT

- A. RESOLUTION NO. 2023-08: A Resolution of the Board of Directors of South Orange County Wastewater Authority Amending Its Conflict of Interest Code

ACTION TAKEN

A motion was made by Director Dunbar and seconded by Director Freshley to approve Resolution No. 2023-08, A Resolution of the Board of Directors of the South Orange County Wastewater Authority Adopting A Conflict of Interest Code which supersedes all prior Conflict of Interest Codes and Amendments previously adopted.

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

B. Presentation from SMWD and SCWD regarding PC 2

Director Ury presented a Draft Seven-Year Plan for transitioning the JB Latham Plant. An open discussion ensued.

This was an information item; no action was taken.

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

Public Speaker: Roger Butow – Clean Water Now (CWN) commented on agenda items B & C.

There was a consensus of the Board of Directors to table agenda items C, D, E & F to a Special Meeting to be held on September 26, 2023, at 3:00 p.m.

G. General Counsel's Updates

Ms. Adriana Ochoa, General Counsel, stated there were no updates to report.

This was an information item; no action was taken.

H. Upcoming Meetings Schedule:

- September 7, 2023 – Board of Directors Regular Meeting
- September 14, 2023 – Engineering Committee Meeting
- September 19, 2023 – Finance Committee Meeting
- October 5, 2023 – Board of Directors Regular Meeting

This was an information item; no action was taken.

8. OTHER MATTERS

None.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 10:02 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Board of Directors on September 7, 2023, and approved by the Board of Directors of the South Orange County Wastewater Authority.

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Danita Hirsh, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

**Engineering Committee**

**August 10, 2023**

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on August 10, 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  |
| DON BUNTS   | Santa Margarita Water District |
| MARC SERNA  | South Coast Water District     |

Absent:

|                  |                              |
|------------------|------------------------------|
| MIKE DUNBAR      | Emerald Bay Service District |
| DAVE REBENS DORF | City of San Clemente         |

Staff Present:

|                    |   |
|--------------------|---|
| DAVID BARANOWSKI   | Director of Engineering                       |
| JIM BURROR         | Acting General Manager/Director of Operations |
| RONI GRANT         | Associate Engineer                            |
| MARY CAREY         | Finance Controller                            |
| JEANETTE COTINOLA  | Procurement / Contracts Manager               |
| KONSTANTIN SHILKOV | Senior Accountant                             |
| MATT CLARKE        | IT Administrator                              |
| DANITA HIRSH       | Executive Assistant                           |

Also Present:

|                  |                                |
|------------------|--------------------------------|
| ADRIANA OCHOA    | Procopio Law                   |
| ROGER BUTOW      | Clean Water Now (CWN)          |
| SHERRY WANNINGER | Moulton Niguel Water District  |
| SAUNDRA JACOBS   | Santa Margarita Water District |
| TARYN KJOLSING   | South Coast Water District     |
| DAVE LARSEN      | Moulton Niguel Water District  |

1. Call Meeting to Order

Mr. David Baranowski, Director of Engineering, 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

- a. Engineering Committee Minutes of April 13, 2023
- b. Engineering Committee Minutes of May 11, 2023
- c. Engineering Committee Minutes of June 8, 2023

ACTION TAKEN

A motion was made by Mr. Bunts and seconded by Mr. McAvoy to approve the Engineering Committee Minutes for April 13, 2023, May 11, 2023, and June 8, 2023, with a correction to the April 13, 2023 Minutes.

|                 |                                     |
|-----------------|-------------------------------------|
| Motion carried: | Aye 5, Nay 0, Abstained 0, Absent 2 |
| Mr. McAvoy      | Aye                                 |
| Ms. Ford        | Aye                                 |
| Mr. Dunbar      | Absent                              |
| Mr. Woods       | Aye                                 |
| Mr. Bunts       | Aye                                 |
| Mr. Serna       | Aye                                 |
| Mr. Rebensdorf  | Absent                              |

4. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, reported staff will be bringing forth several chemical renewing contracts. He noted several contracts coming up for renewal would not have substantial price increases. He also noted a minor disruption in the supply chain market for providing Ferric Chloride but is optimistic the industry is heading in the right direction. An open discussion ensued.

This was an information item; no action was taken.

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

Mr. Baranowski gave an update on the following projects:

- JBL Package B – the project is near completion as staff continues working with the Construction Management team to close out all outstanding items. An open discussion ensued.
- JBL Admin Building Roofing Replacement – the project is complete noting one change order that the Board approved for replacing damaged wood and fascia and to cover permit fees.
- CTP AWMA Road Guardrail Replacement – the contract is awarded, and staff is working with the contractor to schedule the work. The contractor will install steel posts to replace wood posts at no additional charge. An open discussion ensued.
- ACOO Internal Seal Replacement – staff met with the contractor and is working on determining a schedule to begin work. Staff is anticipating early September for the first shutdown and will continue communicating with the member agencies as information is available. An open discussion ensued.

This was an information item; no action was taken.

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

Mr. Baranowski stated the item had been previously updated based on feedback from the Committee and Board members. He added the cost allocation table to show the breakdown by the member agency. Mr. Baranowski also stated that the cost falls within the Acting General Manager's spending authority, and staff will be moving forward. Mr. Serna requested that staff from the PC 15 members be invited to attend meetings pertaining to financing or that may require their input. SOCWA staff agreed to coordinate with the committee members when such meetings are being scheduled. An open discussion ensued.

This was an information item; no action was taken.

7. Contract Award for As-Needed Project Management Support Services

There was an open discussion and consensus of the Committee to present the contract to the Board of Directors for discussion and approval.

No action was taken.

8. Contract Amendment for Export Sludge Force Main Temporary Impact Area Restoration Monitoring and Maintenance [Project Committee 15]

ACTION TAKEN

A motion was made by Mr. McAvoy and seconded by Mr. Serna to recommend that the PC 15 Board of Directors approve the amendment to Dudek for a total of \$81,400 for Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance.

|                 |                                       |
|-----------------|---------------------------------------|
| Motion carried: | Aye 2, Nay 0, Abstained 1, Absent 1   |
|                 | Mr. McAvoy                      Aye   |
|                 | Mr. Dunbar                     Absent |
|                 | Mr. Woods                     Abstain |
|                 | Mr. Serna                      Aye    |

9. Contract Award for Generator Pre-Purchasing [Project Committee 2]

ACTION TAKEN

A motion was made by Mr. Bunts and seconded by Mr. Serna to recommend that the PC 2 Board of Directors approve the contract to either Quinn or Cummins for a total not to exceed \$592,000 for the JBL MCC M and G Replacement Project.

|                 |                                     |
|-----------------|-------------------------------------|
| Motion carried: | Aye 3, Nay 0, Abstained 0, Absent 0 |
|                 | Mr. Bunts                      Aye  |
|                 | Mr. Woods                     Aye   |
|                 | Mr. Serna                      Aye  |

Adjournment

There being no further business, Mr. Baranowski adjourned the meeting at 9:16 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 August 10, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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Danita Hirsh, Assistant Board Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

**June 20, 2023**

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on June 20, 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:

|                 |                                |   |
|-----------------|--------------------------------|---|
| MARK McAVOY     | City of Laguna Beach           | Alternate Director [arrived @ 10:34 a.m.] |
| DENNIS CAFFERTY | El Toro Water District         | Alternate 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                        |

Staff Participation:

|                    |                                      |
|--------------------|--------------------------------------|
| JIM BURROR         | Acting General Manager               |
| MARY CAREY         | Finance Controller                   |
| AMBER BAYLOR       | Director of Environmental Compliance |
| DAVID BARANOWSKI   | Director of Engineering              |
| KONSTANTIN SHILKOV | Senior Accountant                    |
| ANNA SUTHERLAND    | Accounts Payable                     |
| DINA ASH           | HR Administrator                     |
| RONI YOUNG-GRANT   | Associate Engineer                   |
| DAN GRILLEY        | SCADA (IT Assistant)                 |
| DANITA HIRSH       | Executive Assistant                  |

Also Participating:

|                  |                                |
|------------------|--------------------------------|
| KEVIN DAVIS      | Procopio Law                   |
| GREG PENNINGTON  | South Coast Water District     |
| SHERRY WANNINGER | Moulton Niguel Water District  |
| JENNIFER LOPEZ   | South Coast Water District     |
| KATHRYN FRESHLEY | El Toro 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

a. Finance Committee Meeting of April 18, 2023

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Cafferty to approve the Minutes for April 18, 2023, as submitted.

Motion carried: Aye 3, Nay 0, Abstained 1, Absent 1  
Director Castillo Aye  
Director McAvoy Absent  
Director Cafferty Aye  
Director Collings Aye  
Director Arends-King Abstain

b. Finance Committee Meeting of May 16, 2023

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Cafferty to approve the Minutes for May 16, 2023, as submitted.

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

4. Financial Reports for the Month of April 2023

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Collings to recommend that the Board of Directors ratify the April 2023 disbursements, \$ 2,173,227, for the period from April 1, 2023, through April 30, 2023, and to receive and file the April 2023 Financial Reports as submitted.

Motion carried: Aye 5, Nay 0, Abstained 0, Absent 0  
Director Castillo Aye  
Director McAvoy Aye  
Director Cafferty Aye  
Director Collings Aye  
Director Arends-King Aye

5. Q3 FY 2022-23 Cash Roll Forward as of March 31, 2023

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Collings to recommend that the Board of Directors receive and file the Q3 Fiscal Year 2022-23 Cash Roll Forward as submitted.

Motion carried: Aye 5, Nay 0, Abstained 0, Absent 0  
Director Castillo Aye  
Director McAvory Aye  
Director Cafferty Aye  
Director Collings Aye  
Director Arends-King Aye

6. Amend Bylaws of the South Orange County Wastewater Authority Finance Committee

Mr. Burror, Acting General Manager/Director of Operations, stated the Board of Directors had shown an interest in updating the Committee bylaws with the reduced membership of SOCWA



noting counsel prepared a memo (attached herewith) describing the background of the traditional conduct and options for the Committee to consider as it moves forward. Mr. Burror stated he is seeking input from the Committee that would be an advisory vote to the Board on suggested recommendations. An open discussion ensued.

Public Speaker: Sandra Jacobs, Santa Margarita Water District, provided comments.

There was a consensus of the Finance Committee directing staff to distribute the existing Bylaws to allow the Committee to provide input at the next meeting in August and provide an update on the process to the Board of Directors at the next Regular Meeting.

7. AWMA's GM December 21, 1999, Memo regarding Evaluation of Alternative Methods For Allocating AWMA/SERRA Overhead Costs

Mr. Burror gave a verbal report on re-evaluating how the Administrative and General Fund costs are allocated for AWMA/SERRA overhead. He provided historical background that would assist with considering potential alternative methods for applying those costs. An open discussion ensued.

This was an information item; no action was taken.

8. Fiscal Year 2022-23 Annual Financial Statements Audit Update

Ms. Carey reported that the interim audit was in progress and that no adjustments were made at this time. She stated the final audit would be conducted in September, and staff had requested to receive the final Annual Comprehensive Finance Report (ACFR) by mid to late November. 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 11:12 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 June 20, 2023, and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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Danita Hirsh / Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

# Agenda Item

# 5.D.

**Board of Directors Meeting**

**Meeting Date:** October 5, 2023

**TO:** Board of Directors

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

**STAFF CONTACT:** Mary Carey, Finance Controller

**SUBJECT:** Preliminary Financial Reports for the Month of June 2023 (Close of Fiscal Year) and Financial Report for the Month of July 2023

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## 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.

- June 2023 preliminary reports included are as follows:
  - a. Budget vs. Actual Expenses (June 2023)
    - 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)
    - Q4 Fringe Pool and Fringe Rate (Exhibit E-5)
- July 2023 financial reports included are as follows:
  - a. Summary of Disbursements for July 2023 (Exhibit A-1):
  - 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

The June 2023 cash disbursements were \$2,041,032, and the above June 2023 schedules are for informational purposes only.

The July 2023 cash disbursements were \$3,348,611.

- Monthly disbursements are summarized in the attached Exhibit A.
- 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 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.

**Exhibit A**

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

|   | <u>Actual</u>                |
|---|------------------------------|
| General Fund                                  | \$ (507,752)                 |
| PC 2 - Jay B. Latham Plant                    | (744,312)                    |
| PC 3 - SOCWA Plant/PCA AWT                    | (67,096)                     |
| PC 5 - San Juan Creek Ocean Outfall           | (18,133)                     |
| PC 8 - Pretreatment Program                   | (9,950)                      |
| PC 12 SO - Water Reclamation Permits          | (20,533.85)                  |
| PC 15 - Coastal Treatment Plant/AWT           | (215,793)                    |
| PC 17 - Joint Regional Wastewater Reclamation | (437,513)                    |
| PC 21 - Effluent Transmission Main            | (4,525)                      |
| PC 23 - North Coast Interceptor               | -                            |
| PC 24 - Aliso Creek Ocean Outfall             | (15,424)                     |
| <b>Total</b>                                  | <b><u>\$ (2,041,032)</u></b> |

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

|                                      |           |                  |
|--------------------------------------|-----------|------------------|
| CASH IN BANK: (BEGINNING BAL.)       | \$        | 1,231,347        |
| L.A.I.F. FUNDS: (BEGINNING BAL.)     |           | 5,670,525        |
| DEPOSITS, TRANSFERS & ADJUSTMENTS:   |           | 4,808,551        |
| FUND REQUIREMENTS:                   |           |                  |
| BILLS FOR CONSIDERATION <sup>1</sup> |           | (2,041,032)      |
| <b>TOTAL CASH IN BANK</b>            | <b>\$</b> | <b>9,669,391</b> |

<sup>1</sup> 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 09/06/23



### Quarterly Performance Quarter Ended 06/30/23

|  |                     |
|--|---------------------|
| LAIF Apportionment Rate <sup>(2)</sup> :   | 3.15                |
| LAIF Earnings Ratio <sup>(2)</sup> :       | 0.00008636172883763 |
| LAIF Administrative Cost <sup>(1)*</sup> : | 0.06                |
| LAIF Fair Value Factor <sup>(1)</sup> :    | 0.984828499         |
| PMIA Daily <sup>(1)</sup> :                | 3.26                |
| PMIA Quarter to Date <sup>(1)</sup> :      | 3.01                |
| PMIA Average Life <sup>(1)</sup> :         | 260                 |

### PMIA Average Monthly Effective Yields<sup>(1)</sup>

|               |              |
|---------------|--------------|
| <b>August</b> | <b>3.434</b> |
| July          | 3.305**      |
| June          | 3.167        |
| May           | 2.993        |
| April         | 2.870        |
| March         | 2.831        |

### Pooled Money Investment Account Monthly Portfolio Composition <sup>(1)</sup> 07/31/23 \$173.5 billion

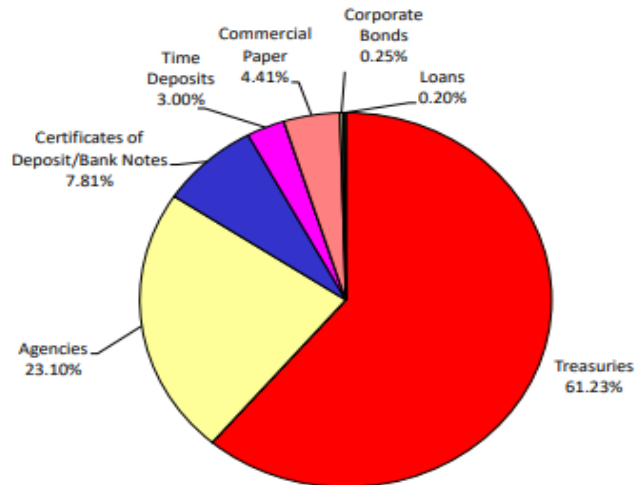


Chart does not include \$2,786,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

**Exhibit C**

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

|                                       |                      |     |
|---------------------------------------|----------------------|-----|
| MVA                                   | \$ 11,258            | (A) |
| A/P Checking                          | 758,272              | (B) |
| Payroll Checking                      | 404,778              | (C) |
| State LAIF                            | 8,495,083            | (D) |
| <b>Total Cash in Bank<sup>1</sup></b> | <b>\$ 9,669,391</b>  |     |
| <br>                                  |                      |     |
| Petty Cash                            | 1,600                | (E) |
| <b>Total Operating Cash</b>           | <b>\$ 9,670,991</b>  |     |
| <br>                                  |                      |     |
| OPEB Trust                            | 6,218,496            | (F) |
| <br>                                  |                      |     |
| <b>Total Cash and Investments</b>     | <b>\$ 15,889,487</b> |     |

<sup>1</sup>Bank 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.

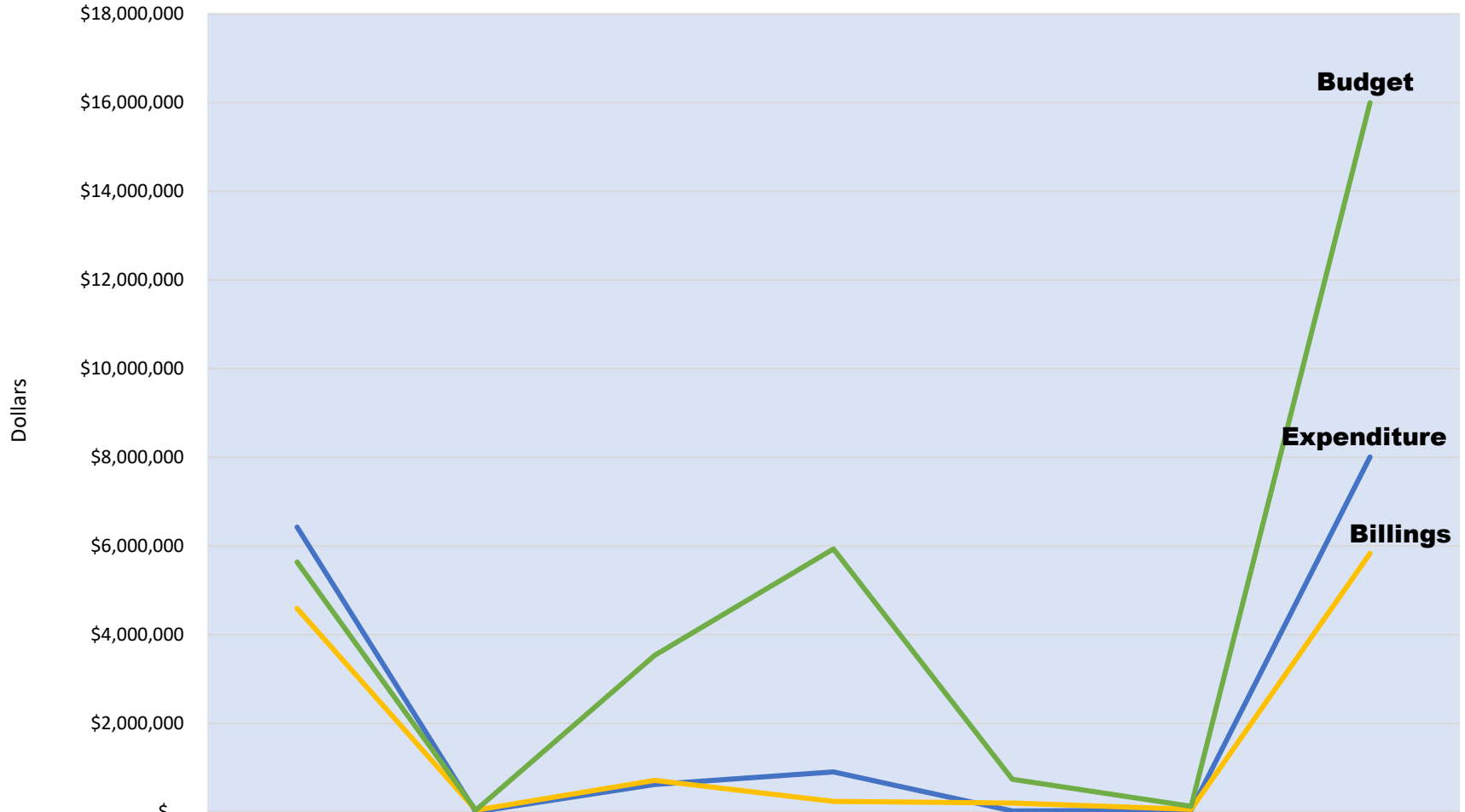
**South Orange County Wastewater Authority  
Capital Projects Summaries  
For the Period Ended June 30, 2023  
(in dollars)**

| <b>FY 2022-23 Budget vs. Actual Spending</b> |                       |                             |                             |                   |                             |                                  |                         |                              |
|--|-----------------------|-----------------------------|-----------------------------|-------------------|-----------------------------|----------------------------------|-------------------------|------------------------------|
| <u>Description<sup>1</sup></u>               | <b>Capital Budget</b> | <b>Fiscal Year Spending</b> | <b>(Over)/ Under Budget</b> | <b>% Expended</b> | <b>Member Agency Billed</b> | <b>Member Agency Collections</b> | <b>Open Receivables</b> | <b>% Expended vs. Billed</b> |
| PC 2-JB Latham                               | \$ 5,638,569          | \$ 6,424,581                | \$ (786,012)                | 113.9%            | \$ 4,588,405                | \$ 4,588,405                     | \$ -                    | 140.0%                       |
| PC 5-San Juan Creek Outfall                  | 39,064                | -                           | 39,064                      | -                 | 39,064                      | 39,064                           | -                       | 0.0%                         |
| PC 15-Coastal                                | 3,529,980             | 617,473                     | 2,912,507                   | 17.5%             | 708,632                     | 708,632                          | -                       | 87.1%                        |
| PC 17-Regional                               | 5,928,616             | 903,337                     | 5,025,279                   | 15.2%             | 234,155                     | 234,155                          | -                       | 385.8%                       |
| PC 21 Effluent Transmission                  | 732,810               | 22,157                      | 710,653                     | 3.0%              | 200,000                     | 200,000                          | -                       | 11.1%                        |
| PC 24 Aliso Creek Outfall                    | 127,065               | 37,695                      | 89,370                      | 29.7%             | 60,100                      | 60,100                           | -                       | 62.7%                        |
| <b>Total Large Capital</b>                   | <b>\$ 15,996,104</b>  | <b>\$ 8,005,242</b>         | <b>\$ 7,990,862</b>         | <b>50.0%</b>      | <b>\$ 5,830,356</b>         | <b>\$ 5,830,356</b>              | <b>\$ -</b>             | <b>137.3%</b>                |
| Non-Capital Engineering                      | 217,326               | 58,967                      | 158,359                     | 27.1%             | 75,000                      | 75,000                           | -                       | 78.6%                        |
| Non-Capital Misc Engineering                 | 17,500                | 104,809                     | (87,309)                    | 598.9%            | -                           | -                                | -                       | -                            |
| Small Internal Capital                       | 2,061,000             | 1,462,396                   | 598,604                     | 71.0%             | 2,061,000                   | 2,061,000                        | -                       | 71.0%                        |
| <b>Total Capital</b>                         | <b>\$ 18,291,930</b>  | <b>\$ 9,631,415</b>         | <b>\$ 8,660,515</b>         | <b>52.7%</b>      | <b>\$ 7,966,356</b>         | <b>\$ 7,966,356</b>              | <b>\$ -</b>             | <b>120.9%</b>                |

<sup>1</sup>All Project Committees had cash on hand at the end of FY 2021-22 to help cover the current year expenditures.



## Large Capital Projects Fiscal Year 2022-23 Budget vs. Exhibit D-1 Year-to-Date Expenditures & Billings as of 6/30/2023



|                         | 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 6/30/2023   | \$6,424,581    | \$-                         | \$617,473     | \$903,337      | \$22,157                    | \$37,695                  | \$8,005,242         |
| FY 22-23 Billings       | \$4,588,405    | \$39,064                    | \$708,632     | \$234,155      | \$200,000                   | \$60,100                  | \$5,830,356         |
| Capital Budget FY 22-23 | \$5,638,569    | \$39,064                    | \$3,529,980   | \$5,928,616    | \$732,810                   | \$127,065                 | \$15,996,104        |

**South Orange County Wastewater Authority**  
**O & M & Environmental Safety Costs Summary<sup>1</sup>**  
 For the Period Ended June 30, 2023  
 (in dollars)

|                          |   | <b>FY 2022-23 Budget</b> | <b>Board Approved Expenditures*</b> | <b>Adjusted Budget</b> | <b>Actual</b>    | <b>(Over)/Under Budget</b> | <b>% Expended</b> |     |
|--------------------------|---|--------------------------|-------------------------------------|------------------------|------------------|----------------------------|-------------------|-----|
| <b>Salary and Fringe</b> |   |                          |                                     |                        |                  |                            |                   |     |
| **5000-**-***            | Regular Salaries-O&M                      | 4,931,084                |                                     | 4,931,084              | 4,468,491        | 462,593                    | 90.6%             |     |
| **5001-**-***            | Overtime Salaries-O&M                     | 73,524                   |                                     | 73,524                 | 125,957          | (52,433)                   | 171.3%            | (1) |
| **5306-**-***            | Scheduled Holiday Work                    | 86,468                   |                                     | 86,468                 | 66,767           | 19,701                     | 77.2%             |     |
| **5315-**-***            | Comp Time - O&M                           | 16,920                   |                                     | 16,920                 | 35,195           | (18,275)                   | 208.0%            | (1) |
| **5401-**-***            | Fringe Benefits IN to PC's & Depts.       | 2,572,272                |                                     | 2,572,272              | 2,503,343        | 68,929                     | 97.3%             |     |
| **5700-**-***            | Standby Pay                               | 70,000                   |                                     | 70,000                 | 67,860           | 2,140                      | 96.9%             |     |
|                          | <b>Total Payroll Costs</b>                | <b>7,750,268</b>         | <b>-</b>                            | <b>7,750,268</b>       | <b>7,267,614</b> | <b>482,654</b>             | <b>93.8%</b>      |     |
| <b>Other Expenses</b>    |   |                          |                                     |                        |                  |                            |                   |     |
| **5002-**-***            | Electricity                               | 1,253,828                | 50,000                              | 1,303,828              | 1,369,693        | (65,865)                   | 105.1%            | (2) |
| **5003-**-***            | Natural Gas                               | 268,200                  | 205,000                             | 473,200                | 510,880          | (37,680)                   | 108.0%            | (2) |
| **5004-**-***            | Potable & Reclaimed Water                 | 87,008                   |                                     | 87,008                 | 83,883           | 3,125                      | 96.4%             |     |
| **5005-**-***            | Co-generation Power Credit                | (1,050,004)              |                                     | (1,050,004)            | (1,135,051)      | 85,047                     | 108.1%            | (2) |
| **5006-**-***            | Chlorine/Sodium Hypochlorite              | 554,000                  |                                     | 554,000                | 404,780          | 149,220                    | 73.1%             |     |
| **5007-**-***            | Polymer Products                          | 789,548                  | 70,000                              | 859,548                | 944,395          | (84,847)                   | 109.9%            | (2) |
| **5008-**-***            | Ferric Chloride                           | 688,256                  | 125,000                             | 813,256                | 991,409          | (178,153)                  | 121.9%            | (2) |
| **5009-**-***            | Odor Control Chemicals                    | 117,572                  |                                     | 117,572                | 159,874          | (42,302)                   | 136.0%            | (2) |
| **5010-**-***            | Other Chemicals - Misc.                   | 2,004                    |                                     | 2,004                  | -                | 2,004                      | -                 |     |
| **5011-**-***            | Laboratory Services                       | 65,724                   |                                     | 65,724                 | 34,490           | 31,234                     | 52.5%             |     |
| **5012-**-***            | Grit Hauling                              | 124,472                  |                                     | 124,472                | 149,857          | (25,385)                   | 120.4%            |     |
| **5013-**-***            | Landscaping                               | 219,008                  |                                     | 219,008                | 187,413          | 31,595                     | 85.6%             |     |
| **5015-**-***            | Management Support Services               | 501,512                  | 90,000                              | 591,512                | 160,600          | 430,912                    | 27.2%             |     |
| **5017-**-***            | Legal Fees                                | 23,688                   | 30,000                              | 53,688                 | 53,401           | 287                        | 99.5%             |     |
| **5018-**-***            | Public Notices/ Public Relations          | 3,732                    |                                     | 3,732                  | -                | 3,732                      | -                 |     |
| **5019-**-***            | Contract Services Misc.                   | 320,996                  |                                     | 320,996                | 283,167          | 37,829                     | 88.2%             |     |
| **5021-**-***            | Small Vehicle Expense                     | 23,104                   |                                     | 23,104                 | 27,779           | (4,675)                    | 120.2%            |     |
| **5022-**-***            | Miscellaneous Expense                     | 15,988                   |                                     | 15,988                 | 3,643            | 12,345                     | 22.8%             |     |
| **5023-**-***            | Office Supplies - All                     | 46,008                   |                                     | 46,008                 | 33,276           | 12,732                     | 72.3%             |     |
| **5024-**-***            | Petroleum Products                        | 34,000                   | 15,000                              | 49,000                 | 26,959           | 22,041                     | 55.0%             |     |
| **5025-**-***            | Uniforms                                  | 71,004                   |                                     | 71,004                 | 97,082           | (26,078)                   | 136.7%            |     |
| **5026-**-***            | Small Vehicle Fuel                        | 22,764                   |                                     | 22,764                 | 19,552           | 3,212                      | 85.9%             |     |
| **5027-**-***            | Insurance - Property/Liability            | 491,248                  |                                     | 491,248                | 463,720          | 27,528                     | 94.4%             |     |
| **5028-**-***            | Small Tools & Supplies                    | 80,600                   |                                     | 80,600                 | 83,169           | (2,569)                    | 103.2%            |     |
| **5030-**-***            | Trash Disposal                            | 8,500                    |                                     | 8,500                  | 9,794            | (1,294)                    | 115.2%            |     |
| **5031-**-***            | Safety Program & Supplies                 | 112,712                  |                                     | 112,712                | 107,722          | 4,990                      | 95.6%             |     |
| **5032-**-***            | Equipment Rental                          | 7,004                    |                                     | 7,004                  | 14,879           | (7,875)                    | 212.4%            | (3) |
| **5033-**-***            | Recruitment                               | 2,316                    |                                     | 2,316                  | 4,246            | (1,930)                    | 183.3%            |     |
| **5034-**-***            | Travel Expense/Tech. Conferences          | 73,736                   |                                     | 73,736                 | 25,715           | 48,021                     | 34.9%             |     |
| **5035-**-***            | Training Expense                          | 73,052                   |                                     | 73,052                 | 49,811           | 23,241                     | 68.2%             |     |
| **5036-**-***            | Laboratory Supplies                       | 121,144                  |                                     | 121,144                | 172,511          | (51,367)                   | 142.4%            | (4) |
| **5037-**-***            | Office Equipment                          | 25,992                   |                                     | 25,992                 | 5,663            | 20,329                     | 21.8%             |     |
| **5038-**-***            | Permits                                   | 593,908                  |                                     | 593,908                | 588,295          | 5,613                      | 99.1%             |     |
| **5039-**-***            | Membership Dues/Fees                      | 25,120                   |                                     | 25,120                 | 11,605           | 13,515                     | 46.2%             |     |
| **5044-**-***            | Offshore Monitoring                       | 80,000                   |                                     | 80,000                 | 104,708          | (24,708)                   | 130.9%            | (5) |
| **5045-**-***            | Offshore Biochemistry - 20B               | 30,004                   |                                     | 30,004                 | -                | 30,004                     | -                 |     |
| **5046-**-***            | Effluent Chemistry                        | 44,992                   |                                     | 44,992                 | 51,815           | (6,823)                    | 115.2%            | (4) |
| **5047-**-***            | Access Road Expenses                      | 45,000                   |                                     | 45,000                 | 739              | 44,261                     | 0.0               |     |
| **5048-**-***            | Storm Damage                              | 21,000                   |                                     | 21,000                 | 9,662            | 11,338                     | 0.5               |     |
| **5049-**-***            | Biosolids Disposal                        | 1,568,996                | 355,000                             | 1,923,996              | 1,731,672        | 192,324                    | 90.0%             |     |
| **5050-**-***            | Contract Services Generators - 29A        | 28,008                   |                                     | 28,008                 | 19,958           | 8,050                      | 71.3%             |     |
| **5052-**-***            | Janitorial Services                       | 101,004                  |                                     | 101,004                | 81,245           | 19,759                     | 80.4%             |     |
| **5053-**-***            | Contract Serv - Digester Cleaning - 29E   | 60,000                   |                                     | 60,000                 | 33,762           | 26,238                     | 56.3%             |     |
| **5054-**-***            | Diesel Truck Maint                        | 41,996                   |                                     | 41,996                 | 40,215           | 1,781                      | 95.8%             |     |
| **5055-**-***            | Diesel Truck Fuel                         | 11,496                   |                                     | 11,496                 | 15,860           | (4,364)                    | 138.0%            |     |
| **5056-**-***            | Maintenance Equip. & Facilities (Solids)  | 361,000                  |                                     | 361,000                | 301,146          | 59,854                     | 83.4%             |     |
| **5057-**-***            | Maintenance Equip. & Facilities (Liquids) | 589,996                  |                                     | 589,996                | 509,074          | 80,922                     | 86.3%             |     |
| **5058-**-***            | Maintenance Equip. & Facilities (Common)  | 90,008                   |                                     | 90,008                 | 93,543           | (3,535)                    | 103.9%            |     |
| **5059-**-***            | Maintenance Equip. & Facilities (Co-Gen)  | 715,996                  | 125,000                             | 840,996                | 974,653          | (133,657)                  | 115.9%            | (6) |
| **5060-**-***            | Maintenance Equip. & Facilities (AWT)     | 88,000                   |                                     | 88,000                 | 51,889           | 36,111                     | 59.0%             |     |
| **5061-**-***            | Mileage                                   | 3,652                    |                                     | 3,652                  | 4,351            | (699)                      | 119.1%            |     |
| **5068-**-***            | MNWD Potable Water Supplies & Svcs.       | 44,000                   |                                     | 44,000                 | 27,288           | 16,712                     | 62.0%             |     |

**South Orange County Wastewater Authority**  
**O & M & Environmental Safety Costs Summary<sup>1</sup>**  
 For the Period Ended June 30, 2023  
 (in dollars)

|               | <b>FY 2022-23<br/>Budget</b>                | <b>Board<br/>Approved<br/>Expenditures*</b> | <b>Adjusted<br/>Budget</b> | <b>Actual</b>     | <b>(Over)/Under<br/>Budget</b> | <b>%<br/>Expended</b> |
|---------------|---|---|----------------------------|-------------------|--------------------------------|-----------------------|
| **5076-**-*** | SCADA Infrastructure                        |   | 92,128                     | 56,892            | 35,236                         | 61.8%                 |
| **5077-**-*** | IT Direct                                   |   | 45,004                     | 43,180            | 1,824                          | 95.9%                 |
| **5105-**-*** | Co-Generation Power Credit - Offset         | 1,050,000                                   | 1,050,000                  | 1,135,051         | (85,051)                       | 108.1% (2)            |
| **5303-**-*** | Group Insurance Waiver                      |   | 18,000                     | 15,674            | 2,326                          | 87.1%                 |
| **5305-**-*** | Medicare Tax Payments for Employees         |   | 2,388                      | 1,522             | 866                            | 63.7%                 |
| **5309-**-*** | Operating Leases                            |   | 28,004                     | 16,118            | 11,886                         | 57.6%                 |
| **5705-**-*** | Monthly Car Allowance                       |   | 35,400                     | 30,344            | 5,056                          | 85.7%                 |
| **5797-**-*** | Verily Stipends - WastewaterSCAN Monitoring |   | -                          | (37,350)          | 37,350                         | 0.0%                  |
| **5799-**-*** | Zephyr Wall Costs Share-O&M                 |   | (14,000)                   | (14,321)          | 321                            | 102.3%                |
| **6500-**-*** | IT Allocations in to PC's & Depts.          |   | 609,236                    | 504,584           | 104,652                        | 82.8%                 |
|               | Total Other Expenses                        |   | 11,589,052                 | 11,747,485        | 906,567                        | 92.8%                 |
|               | <b>Total O&amp;M Expenses</b>               |   | <b>19,339,320</b>          | <b>19,015,099</b> | <b>1,389,221</b>               | <b>93.2%</b>          |

<sup>1</sup> 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) Power emergencies to date between the three (3) Treatment Plants.
- (2) Chemical, fuel, and utilities increased with inflation and supply chain disruptions more than budgeted.
- (3) Several pieces are being rented due to delays associated with receiving newly purchased units.
- (4) New NPDES permit testing requirements and inflation of laboratory supplies.
- (5) Toxicity exceedances at the SJCOO triggering accelerated testing and additional costs.
- (6) Completed both 30k and 40k Cogen services for the Fiscal Year.

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended June 30, 2023  
 (in dollars)

|                                 | FY 2022-23 Budget                           | Board Approved Expenditures* | Adjusted Budget  | Actual           | (Over)/Under Budget | % Expended   |
|---------------------------------|---|------------------------------|------------------|------------------|---------------------|--------------|
| <b>02 - Jay B. Latham Plant</b> |   |                              |                  |                  |                     |              |
| Salary and Fringe               |   |                              |                  |                  |                     |              |
| 02-5000-**-**                   | Regular Salaries-O&M                        |                              | 1,699,352        | 1,546,812        | 152,540             | 91.0%        |
| 02-5001-**-**                   | Overtime Salaries-O&M                       |                              | 27,144           | 54,606           | (27,462)            | 201.2% (1)   |
| 02-5306-**-**                   | Scheduled Holiday Work                      |                              | 37,836           | 28,653           | 9,183               | 75.7%        |
| 02-5315-**-**                   | Comp Time - O&M                             |                              | 8,056            | 13,977           | (5,921)             | 173.5%       |
| 02-5401-**-**                   | Fringe Benefits IN to PC's & Depts.         |                              | 886,460          | 866,557          | 19,903              | 97.8%        |
| 02-5700-**-**                   | Standby Pay                                 |                              | 26,000           | 26,163           | (163)               | 100.6%       |
|                                 | <b>Total Payroll Costs</b>                  |                              | <b>2,684,848</b> | <b>2,536,767</b> | <b>148,081</b>      | <b>94.5%</b> |
| Other Expenses                  |   |                              |                  |                  |                     |              |
| 02-5002-**-**                   | Electricity                                 | 50,000                       | 534,828          | 781,719          | (196,891)           | 133.7% (2)   |
| 02-5003-**-**                   | Natural Gas                                 | 70,000                       | 165,128          | 235,128          | (3,244)             | 101.4% (2)   |
| 02-5004-**-**                   | Potable & Reclaimed Water                   |                              | 26,004           | 31,110           | (5,106)             | 119.6% (2)   |
| 02-5006-**-**                   | Chlorine/Sodium Hypochlorite                |                              | 9,000            | 45,281           | (36,281)            | 503.1% (2)   |
| 02-5007-**-**                   | Polymer Products                            | 40,000                       | 319,544          | 383,325          | (23,781)            | 106.6% (2)   |
| 02-5008-**-**                   | Ferric Chloride                             | 40,000                       | 255,252          | 309,333          | (14,081)            | 104.8% (2)   |
| 02-5009-**-**                   | Odor Control Chemicals                      |                              | 23,568           | 35,572           | (12,004)            | 150.9% (2)   |
| 02-5010-**-**                   | Other Chemicals - Misc.                     |                              | 1,000            | -                | 1,000               | -            |
| 02-5011-**-**                   | Laboratory Services                         |                              | 19,712           | 7,785            | 11,927              | 39.5%        |
| 02-5012-**-**                   | Grit Hauling                                |                              | 59,468           | 92,189           | (32,721)            | 155.0% (2)   |
| 02-5013-**-**                   | Landscaping                                 |                              | 77,004           | 74,833           | 2,171               | 97.2%        |
| 02-5015-**-**                   | Management Support Services                 |                              | 30,008           | 35,681           | (5,673)             | 118.9%       |
| 02-5017-**-**                   | Legal Fees                                  | 30,000                       | 4,966            | 34,996           | 27,210              | 77.8%        |
| 02-5019-**-**                   | Contract Services Misc.                     |                              | 82,000           | 93,289           | (11,289)            | 113.8% (2)   |
| 02-5021-**-**                   | Small Vehicle Expense                       |                              | 11,000           | 11,120           | (120)               | 101.1%       |
| 02-5022-**-**                   | Miscellaneous Expense                       |                              | 8,000            | 906              | 7,094               | 11.3%        |
| 02-5023-**-**                   | Office Supplies - All                       |                              | 29,000           | 16,388           | 12,612              | 56.5%        |
| 02-5024-**-**                   | Petroleum Products                          |                              | 11,000           | 8,883            | 2,117               | 80.8%        |
| 02-5025-**-**                   | Uniforms                                    |                              | 34,008           | 42,116           | (8,108)             | 123.8%       |
| 02-5026-**-**                   | Small Vehicle Fuel                          |                              | 10,004           | 8,307            | 1,697               | 83.0%        |
| 02-5027-**-**                   | Insurance - Property/Liability              |                              | 167,039          | 164,006          | 3,033               | 98.2%        |
| 02-5028-**-**                   | Small Tools & Supplies                      |                              | 38,000           | 26,457           | 11,543              | 69.6%        |
| 02-5030-**-**                   | Trash Disposal                              |                              | 3,000            | 2,020            | 980                 | 67.3%        |
| 02-5031-**-**                   | Safety Program & Supplies                   |                              | 39,248           | 36,321           | 2,927               | 92.5%        |
| 02-5032-**-**                   | Equipment Rental                            |                              | 3,000            | 274              | 2,726               | 0.9%         |
| 02-5033-**-**                   | Recruitment                                 |                              | 1,000            | 1,301            | (301)               | 130.1%       |
| 02-5034-**-**                   | Travel Expense/Tech. Conferences            |                              | 20,596           | 6,836            | 13,760              | 33.2%        |
| 02-5035-**-**                   | Training Expense                            |                              | 25,352           | 18,234           | 7,118               | 71.9%        |
| 02-5036-**-**                   | Laboratory Supplies                         |                              | 21,000           | 22,642           | (1,642)             | 107.8% (3)   |
| 02-5037-**-**                   | Office Equipment                            |                              | 13,000           | 454              | 12,546              | 3.5%         |
| 02-5038-**-**                   | Permits                                     |                              | 26,500           | 24,528           | 1,972               | 92.6%        |
| 02-5039-**-**                   | Membership Dues/Fees                        |                              | 5,808            | 4,077            | 1,731               | 70.2%        |
| 02-5049-**-**                   | Biosolids Disposal                          | 180,000                      | 687,000          | 630,733          | 236,267             | 72.7%        |
| 02-5050-**-**                   | Contract Services Generators - 29A          |                              | 10,004           | 15,907           | (5,903)             | 159.0% (2)   |
| 02-5052-**-**                   | Janitorial Services                         |                              | 47,000           | 37,807           | 9,193               | 80.4%        |
| 02-5053-**-**                   | Contract Serv - Digester Cleaning - 29E     |                              | 60,000           | 33,762           | 26,238              | 56.3%        |
| 02-5054-**-**                   | Diesel Truck Maint                          |                              | 21,996           | 19,802           | 2,194               | 90.0%        |
| 02-5055-**-**                   | Diesel Truck Fuel                           |                              | 2,996            | 5,298            | (2,302)             | 176.8%       |
| 02-5056-**-**                   | Maintenance Equip. & Facilities (Solids)    |                              | 150,000          | 161,766          | (11,766)            | 107.8% (4)   |
| 02-5057-**-**                   | Maintenance Equip. & Facilities (Liquids)   |                              | 230,000          | 201,741          | 28,259              | 87.7%        |
| 02-5058-**-**                   | Maintenance Equip. & Facilities (Common)    |                              | 29,000           | 56,072           | (27,072)            | 193.4% (5)   |
| 02-5059-**-**                   | Maintenance Equip. & Facilities (Co-Gen)    |                              | 277,000          | 259,117          | 17,883              | 93.5%        |
| 02-5061-**-**                   | Mileage                                     |                              | 2,148            | 1,826            | 322                 | 85.0%        |
| 02-5076-**-**                   | SCADA Infrastructure                        |                              | 27,832           | 18,964           | 8,868               | 68.1%        |
| 02-5077-**-**                   | IT Direct                                   |                              | 15,004           | 14,061           | 943                 | 93.7%        |
| 02-5303-**-**                   | Group Insurance Waiver                      |                              | 7,204            | 6,078            | 1,126               | 84.4%        |
| 02-5309-**-**                   | Operating Leases                            |                              | 22,000           | 16,118           | 5,882               | 73.3%        |
| 02-5705-**-**                   | Monthly Car Allowance                       |                              | 22,800           | 17,211           | 5,589               | 75.5%        |
| 02-5797-**-**                   | Verily Stipends - WastewaterSCAN Monitoring |                              | -                | (12,450)         | 12,450              | 100.0%       |
| 02-5799-**-**                   | Zephyr Wall Costs Share-O&M                 |                              | (14,000)         | (14,321)         | 321                 | 102.3%       |
| 02-6500-**-**                   | IT Allocations in to PC's & Depts.          |                              | 211,980          | 175,564          | 36,416              | 82.8%        |
|                                 | <b>Total Other Expenses</b>                 | <b>410,000</b>               | <b>4,294,031</b> | <b>4,195,626</b> | <b>98,405</b>       | <b>97.7%</b> |
|                                 | <b>Total Expenses</b>                       | <b>410,000</b>               | <b>6,978,879</b> | <b>6,732,393</b> | <b>246,486</b>      | <b>96.5%</b> |

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended June 30, 2023  
 (in dollars)

|  | FY 2022-23 Budget                        | Board Approved Expenditures* | Adjusted Budget | Actual  | (Over)/Under Budget | % Expended |
|--|--|------------------------------|-----------------|---------|---------------------|------------|
| <b>05 - San Juan Creek Ocean Outfall</b> |  |                              |                 |         |                     |            |
| Salary and Fringe                        |  |                              |                 |         |                     |            |
| 05-5000-**-**                            | Regular Salaries-O&M                     |                              | 108,564         | 95,861  | 12,703              | 88.3%      |
| 05-5001-**-**                            | Overtime Salaries-O&M                    |                              | 72              | 296     | (224)               | 410.4%     |
| 05-5306-**-**                            | Scheduled Holiday Work                   |                              | 440             | 88      | 352                 | 20.0%      |
| 05-5315-**-**                            | Comp Time - O&M                          |                              | -               | -       | -                   | 100.0%     |
| 05-5401-**-**                            | Fringe Benefits IN to PC's & Depts.      |                              | 56,628          | 53,703  | 2,925               | 94.8%      |
|  | Total Payroll Costs                      |                              | 165,704         | 149,947 | 15,757              | 90.5%      |
| Other Expenses                           |  |                              |                 |         |                     |            |
| 05-5015-**-**                            | Management Support Services              | 45,000                       | 170,004         | 46,660  | 123,344             | 27.4%      |
| 05-5017-**-**                            | Legal Fees                               |                              | 2,008           | 1,565   | 443                 | 77.9%      |
| 05-5022-**-**                            | Miscellaneous Expense                    |                              | -               | 36      | (36)                | 100.0%     |
| 05-5026-**-**                            | Small Vehicle Fuel                       |                              | 500             | -       | 500                 | -          |
| 05-5027-**-**                            | Insurance - Property/Liability           |                              | 18,420          | 15,629  | 2,791               | 84.8%      |
| 05-5031-**-**                            | Safety Supplies                          |                              | 1,004           | 1,004   | -                   | -          |
| 05-5034-**-**                            | Travel Expense/Tech. Conferences         |                              | 5,592           | 3,150   | 2,442               | 56.3%      |
| 05-5035-**-**                            | Training Expense                         |                              | 2,500           | 31      | 2,469               | 0.01       |
| 05-5036-**-**                            | Laboratory Supplies                      |                              | 35,000          | 44,075  | (9,075)             | 125.9% (3) |
| 05-5038-**-**                            | Permits                                  |                              | 275,000         | 273,143 | 1,857               | 99.3%      |
| 05-5039-**-**                            | Membership Dues/Fees                     |                              | 2,000           | 62      | 1,938               | 0.03       |
| 05-5044-**-**                            | Offshore Monitoring                      |                              | 40,000          | 54,314  | (14,314)            | 135.8% (6) |
| 05-5045-**-**                            | Offshore Biochemistry - 20B              |                              | 15,004          | -       | 15,004              | -          |
| 05-5046-**-**                            | Effluent Chemistry                       |                              | 22,496          | 35,635  | (13,139)            | 158.4% (3) |
| 05-5058-**-**                            | Maintenance Equip. & Facilities (Common) |                              | 1,004           | 4,497   | (3,493)             | 4.48       |
| 05-6500-**-**                            | IT Allocations in to PC's & Depts.       |                              | 13,148          | 10,889  | 2,259               | 82.8%      |
|  | Total Other Expenses                     | 45,000                       | 603,680         | 489,686 | 113,994             | 81.1%      |
|  | Total Expenses                           | 45,000                       | 769,384         | 639,633 | 129,751             | 83.1%      |
| <b>08 - Pre Treatment</b>                |  |                              |                 |         |                     |            |
| Salary and Fringe                        |  |                              |                 |         |                     |            |
| 08-5000-**-**                            | Regular Salaries-O&M                     |                              | 116,396         | 104,990 | 11,406              | 90.2%      |
| 08-5315-02-08-00                         | Comp Time - O&M                          |                              |                 | 19      | (19)                |            |
| 08-5401-**-**                            | Fringe Benefits IN to PC's & Depts.      |                              | 60,716          | 58,818  | 1,898               | 96.9%      |
|  | Total Payroll Costs                      |                              | 177,112         | 163,827 | 13,285              | 92.5%      |
| Other Expenses                           |  |                              |                 |         |                     |            |
| 08-5011-**-**                            | Laboratory Services                      |                              | 3,004           | 2,935   | 69                  | 97.7%      |
| 08-5015-**-**                            | Management Support Services              |                              | 20,004          | -       | 20,004              | -          |
| 08-5017-**-**                            | Legal Fees                               |                              | 2,672           | 605     | 2,067               | 22.6%      |
| 08-5018-**-**                            | Public Notices/ Public Relations         |                              | 3,732           | -       | 3,732               | -          |
| 08-5021-**-**                            | Small Vehicle Expense - 31A              |                              | 1,100           | -       | 1,100               | -          |
| 08-5022-**-**                            | Miscellaneous Expense                    |                              | 1,984           | -       | 1,984               | -          |
| 08-5026-**-**                            | Small Vehicle Fuel - 37A                 |                              | 1,256           | -       | 1,256               | -          |
| 08-5027-**-**                            | Insurance - Property/Liability           |                              | 6,141           | 4,639   | 1,502               | 75.5%      |
| 08-5028-**-**                            | Small Tools & Supplies                   |                              | 3,600           | 2,444   | 1,156               | 67.9%      |
| 08-5034-**-**                            | Travel Expense/Tech. Conferences         |                              | 3,496           | 1,955   | 1,541               | 0.56       |
| 08-5035-**-**                            | Training Expense                         |                              | 2,000           | 1,239   | 762                 | -          |
| 08-5038-**-**                            | Permits and Fines                        |                              | 504             | -       | 504                 | -          |
| 08-5039-**-**                            | Membership Dues/Fees                     |                              | 796             | 452     | 344                 | 56.8%      |
| 08-6500-**-**                            | IT Allocations in to PC's & Depts.       |                              | 14,092          | 11,673  | 2,419               | 82.8%      |
|  | Total Other Expenses                     |                              | 64,381          | 25,941  | 38,440              | 40.3%      |
|  | Total Expenses                           |                              | 241,493         | 189,768 | 51,725              | 78.6%      |
| <b>12 - Water Reclamation Permits</b>    |  |                              |                 |         |                     |            |
| Salary and Fringe                        |  |                              |                 |         |                     |            |
| 12-5000-**-**                            | Regular Salaries-O&M                     |                              | 88,952          | 69,816  | 19,136              | 78.5%      |
| 12-5401-**-**                            | Fringe Benefits IN to PC's & Depts.      |                              | 46,400          | 39,112  | 7,288               | 84.3%      |
|  | Total Payroll Costs                      |                              | 135,352         | 108,928 | 26,424              | 80.5%      |
| Other Expenses                           |  |                              |                 |         |                     |            |
| 12-5015-**-**                            | Management Support Services              |                              | 164,996         | 1,827   | 163,170             | 1.1%       |
| 12-5017-**-**                            | Legal Fees                               |                              | 2,000           | 1,400   | 600                 | 0.70       |
| 12-5027-**-**                            | Insurance - Property/Liability           |                              | 8,884           | 8,884   | 5,182               | 41.7%      |
| 12-5034-**-**                            | Travel Expense/Tech. Conferences         |                              | 4,796           | 866     | 3,930               | 18.1%      |
| 12-5038-**-**                            | Permits                                  |                              | 22,508          | 25,470  | (2,962)             | 113.2%     |
| 12-5039-**-**                            | Membership Dues/Fees                     |                              | 68              | -       | 68                  | -          |
| 12-6500-**-**                            | IT Allocations in to PC's & Depts.       |                              | 10,764          | 8,920   | 1,844               | 82.9%      |
|  | Total Other Expenses                     |                              | 214,016         | 42,186  | 171,830             | 19.7%      |
|  | Total Expenses                           |                              | 349,368         | 151,113 | 198,255             | 43.3%      |

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended June 30, 2023  
 (in dollars)

| FY 2022-23 Budget | Board Approved Expenditures* | Adjusted Budget | Actual | (Over)/Under Budget | % Expended |
|-------------------|------------------------------|-----------------|--------|---------------------|------------|
|-------------------|------------------------------|-----------------|--------|---------------------|------------|

**15 - Coastal Treatment Plant**

Salary and Fringe

|               |                                     |                  |          |                  |                  |               |              |
|---------------|-------------------------------------|------------------|----------|------------------|------------------|---------------|--------------|
| 15-5000-**-** | Regular Salaries-O&M                | 954,888          | 954,888  | 884,597          | 70,291           | 92.6%         |              |
| 15-5001-**-** | Overtime Salaries-O&M               | 11,216           | 11,216   | 18,702           | (7,486)          | 166.7% (1)    |              |
| 15-5306-**-** | Scheduled Holiday Work              | 15,672           | 15,672   | 8,306            | 7,366            | 53.0%         |              |
| 15-5315-**-** | Comp Time - O&M                     | 1,996            | 1,996    | 9,853            | (7,857)          | 493.6% (1)    |              |
| 15-5401-**-** | Fringe Benefits IN to PC's & Depts. | 498,120          | 498,120  | 495,570          | 2,550            | 99.5%         |              |
| 15-5700-**-** | Standby Pay                         | 17,000           | 17,000   | 10,433           | 6,568            | 61.4%         |              |
|               | <b>Total Payroll Costs</b>          | <b>1,498,892</b> | <b>-</b> | <b>1,498,892</b> | <b>1,427,460</b> | <b>71,432</b> | <b>95.2%</b> |

Other Expenses

|               |   |                  |               |                  |                  |               |              |
|---------------|---|------------------|---------------|------------------|------------------|---------------|--------------|
| 15-5002-**-** | Electricity                                 | 235,000          | 235,000       | 352,638          | (117,638)        | 150.1% (2)    |              |
| 15-5003-**-** | Natural Gas                                 | 3,000            | 3,000         | 6,310            | (3,310)          | 210.3%        |              |
| 15-5004-**-** | Potable & Reclaimed Water                   | 25,004           | 25,004        | 22,839           | 2,165            | 91.3%         |              |
| 15-5006-**-** | Chlorine/Sodium Hypochlorite                | 90,000           | 90,000        | 112,284          | (22,284)         | 124.8% (2)    |              |
| 15-5007-**-** | Polymer Products                            | 1,000            | 1,000         | -                | 1,000            | -             |              |
| 15-5008-**-** | Ferric Chloride                             | 70,000           | 55,000        | 125,000          | (33,554)         | 126.8% (2)    |              |
| 15-5009-**-** | Odor Control Chemicals                      | 52,004           | 52,004        | 55,478           | (3,474)          | 106.7%        |              |
| 15-5011-**-** | Laboratory Services                         | 20,000           | 20,000        | 7,840            | 12,160           | 39.2%         |              |
| 15-5012-**-** | Grit Hauling                                | 21,004           | 21,004        | 20,202           | 802              | 96.2%         |              |
| 15-5013-**-** | Landscaping                                 | 57,000           | 57,000        | 47,966           | 9,034            | 84.2%         |              |
| 15-5015-**-** | Management Support Services                 | 11,500           | 11,500        | 11,096           | 404              | 96.5%         |              |
| 15-5017-**-** | Legal Fees                                  | 5,000            | 5,000         | 1,565            | 3,435            | 31.3%         |              |
| 15-5019-**-** | Contract Services Misc.                     | 110,000          | 110,000       | 96,420           | 13,580           | 87.7%         |              |
| 15-5021-**-** | Small Vehicle Expense - 31A                 | 4,004            | 4,004         | 4,795            | (791)            | 119.8%        |              |
| 15-5022-**-** | Miscellaneous Expense                       | 1,000            | 1,000         | 569              | 431              | 56.9%         |              |
| 15-5023-**-** | Office Supplies - All                       | 4,004            | 4,004         | 5,551            | (1,547)          | 138.6%        |              |
| 15-5024-**-** | Petroleum Products                          | 3,000            | 15,000        | 18,000           | 7,003            | 10,998        | 38.9%        |
| 15-5025-**-** | Uniforms                                    | 9,000            | 9,000         | 13,175           | (4,175)          | 146.4%        |              |
| 15-5026-**-** | Small Vehicle Fuel                          | 2,000            | 2,000         | 3,335            | (1,335)          | 166.8%        |              |
| 15-5027-**-** | Insurance - Property/Liability              | 72,916           | 72,916        | 68,797           | 4,119            | 94.4%         |              |
| 15-5028-**-** | Small Tools & Supplies                      | 9,000            | 9,000         | 11,217           | (2,217)          | 124.6%        |              |
| 15-5030-**-** | Trash Disposal                              | 2,996            | 2,996         | 3,282            | (286)            | 109.5%        |              |
| 15-5031-**-** | Safety Supplies                             | 32,804           | 32,804        | 22,490           | 10,314           | 68.6%         |              |
| 15-5032-**-** | Equipment Rental                            | 1,000            | 1,000         | -                | 1,000            | -             |              |
| 15-5033-**-** | Recruitment                                 | 312              | 312           | 104              | 208              | 33.4%         |              |
| 15-5034-**-** | Travel Expense/Tech. Conferences            | 13,072           | 13,072        | 2,586            | 10,486           | 19.8%         |              |
| 15-5035-**-** | Training Expense                            | 17,148           | 17,148        | 13,417           | 3,731            | 78.2%         |              |
| 15-5036-**-** | Laboratory Supplies                         | 14,000           | 14,000        | 31,438           | (17,438)         | 224.6% (3)    |              |
| 15-5037-**-** | Office Equipment                            | 2,996            | 2,996         | 2,745            | 251              | 91.6%         |              |
| 15-5038-**-** | Permits                                     | 6,996            | 6,996         | 8,898            | (1,902)          | 127.2%        |              |
| 15-5039-**-** | Membership Dues/Fees                        | 4,800            | 4,800         | 2,540            | 2,260            | 52.9%         |              |
| 15-5047-**-** | Access Road Expenses                        | 45,000           | 45,000        | 739              | 44,261           | 0.02          |              |
| 15-5048-**-** | Storm Damage                                | 21,000           | 21,000        | 9,662            | 11,338           | 0.46          |              |
| 15-5050-**-** | Contract Services Generators                | 5,000            | 5,000         | 4,051            | 949              | 81.0%         |              |
| 15-5052-**-** | Janitorial Services                         | 12,004           | 12,004        | 14,384           | (2,380)          | 119.8%        |              |
| 15-5054-**-** | Diesel Truck Maint - 31B                    | 1,000            | 1,000         | 13               | 987              | 0.01          |              |
| 15-5055-**-** | Diesel Truck Fuel - 37B                     | 500              | 500           | 3,515            | (3,015)          | 7.03          |              |
| 15-5057-**-** | Maintenance Equip. & Facilities (Liquids)   | 144,996          | 144,996       | 111,380          | 33,616           | 76.8%         |              |
| 15-5058-**-** | Maintenance Equip. & Facilities (Common)    | 23,000           | 23,000        | 10,109           | 12,891           | 44.0%         |              |
| 15-5060-**-** | Maintenance Equip. & Facilities (AWT)       | 38,000           | 38,000        | 26,063           | 11,937           | 68.6%         |              |
| 15-5061-**-** | Mileage                                     | 500              | 500           | 421              | 79               | 84.2%         |              |
| 15-5076-**-** | SCADA Infrastructure                        | 32,296           | 32,296        | 18,964           | 13,332           | 58.7%         |              |
| 15-5077-**-** | IT Direct                                   | 15,000           | 15,000        | 13,941           | 1,059            | 92.9%         |              |
| 15-5303-**-** | Group Insurance Waiver                      | 3,600            | 3,600         | 3,475            | 125              | 96.5%         |              |
| 15-5305-**-** | Medicare Tax Payments for Employees         | 2,240            | 2,240         | 1,522            | 718              | 68.0%         |              |
| 15-5705-**-** | Monthly Car Allowance                       | 4,200            | 4,200         | 4,216            | (16)             | 100.4%        |              |
| 15-5797-**-** | Verily Stipends - WastewaterSCAN Monitoring | -                | -             | (12,450)         | 12,450           | 100.0%        |              |
| 15-6500-**-** | IT Allocations in to PC's & Depts.          | 118,660          | 118,660       | 98,277           | 20,383           | 82.8%         |              |
|               | <b>Total Other Expenses</b>                 | <b>1,368,556</b> | <b>70,000</b> | <b>1,438,556</b> | <b>1,403,417</b> | <b>35,139</b> | <b>97.6%</b> |

|                       |  |                  |               |                  |                  |                |              |
|-----------------------|--|------------------|---------------|------------------|------------------|----------------|--------------|
| <b>Total Expenses</b> |  | <b>2,867,448</b> | <b>70,000</b> | <b>2,937,448</b> | <b>2,830,878</b> | <b>106,570</b> | <b>96.4%</b> |
|-----------------------|--|------------------|---------------|------------------|------------------|----------------|--------------|

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended June 30, 2023  
 (in dollars)

|   | FY 2022-23 Budget                           | Board Approved Expenditures* | Adjusted Budget  | Actual           | (Over)/Under Budget | % Expended   |
|---|---|------------------------------|------------------|------------------|---------------------|--------------|
| <b>17 - Joint Regional Wastewater Reclamation and Sludge Handling</b> |   |                              |                  |                  |                     |              |
| <b>Salary and Fringe</b>  |   |                              |                  |                  |                     |              |
| 17-5000-**-**   | Regular Salaries-O&M                        |                              | 1,844,716        | 1,676,248        | 168,468             | 90.9%        |
| 17-5001-**-**   | Overtime Salaries-O&M                       |                              | 34,472           | 51,977           | (17,505)            | 150.8% (1)   |
| 17-5306-**-**   | Scheduled Holiday Work                      |                              | 32,244           | 29,543           | 2,701               | 91.6%        |
| 17-5315-**-**   | Comp Time - O&M                             |                              | 6,868            | 11,011           | (4,143)             | 160.3% (1)   |
| 17-5401-**-**   | Fringe Benefits IN to PC's & Depts.         |                              | 962,288          | 939,069          | 23,219              | 97.6%        |
| 17-5700-**-**   | Standby Pay                                 |                              | 27,000           | 31,265           | (4,265)             | 115.8%       |
|   | <b>Total Payroll Costs</b>                  |                              | <b>2,907,588</b> | <b>2,739,113</b> | <b>168,475</b>      | <b>94.2%</b> |
| <b>Other Expenses</b>   |   |                              |                  |                  |                     |              |
| 17-5002-**-**   | Electricity                                 |                              | 484,000          | 235,336          | 248,664             | 48.6%        |
| 17-5003-**-**   | Natural Gas                                 | 135,000                      | 235,072          | 266,198          | (31,126)            | 113.2% (2)   |
| 17-5004-**-**   | Potable & Reclaimed Water                   |                              | 36,000           | 29,934           | 6,066               | 83.2%        |
| 17-5005-**-**   | Co-generation Power Credit                  |                              | (1,050,004)      | (1,135,051)      | 85,047              | 108.1%       |
| 17-5006-**-**   | Chlorine/Sodium Hypochlorite                |                              | 455,000          | 247,215          | 207,785             | 54.3%        |
| 17-5007-**-**   | Polymer Products                            |                              | 469,004          | 561,070          | (62,066)            | 112.4% (2)   |
| 17-5008-**-**   | Ferric Chloride                             | 30,000                       | 363,004          | 523,522          | (130,518)           | 133.2% (2)   |
| 17-5009-**-**   | Odor Control Chemicals                      |                              | 42,000           | 68,824           | (26,824)            | 163.9% (2)   |
| 17-5010-**-**   | Other Chemicals - Misc.                     |                              | 1,004            | -                | 1,004               | -            |
| 17-5011-**-**   | Laboratory Services                         |                              | 23,008           | 15,930           | 7,078               | 69.2%        |
| 17-5012-**-**   | Grit Hauling - 21A                          |                              | 44,000           | 37,466           | 6,534               | 85.1%        |
| 17-5013-**-**   | Landscaping                                 |                              | 85,004           | 64,614           | 20,390              | 76.0%        |
| 17-5015-**-**   | Management Support Services                 |                              | 24,996           | 14,096           | 10,900              | 56.4%        |
| 17-5017-**-**   | Legal Fees                                  |                              | 5,004            | 19,490           | (14,486)            | 389.5%       |
| 17-5019-**-**   | Contract Services Misc.                     |                              | 110,000          | 93,458           | 16,542              | 85.0%        |
| 17-5021-**-**   | Small Vehicle Expense                       |                              | 7,000            | 11,864           | (4,864)             | 169.5%       |
| 17-5022-**-**   | Miscellaneous Expense                       |                              | 5,004            | 2,132            | 2,872               | 42.6%        |
| 17-5023-**-**   | Office Supplies - All                       |                              | 13,004           | 11,336           | 1,668               | 87.2%        |
| 17-5024-**-**   | Petroleum Products                          |                              | 20,000           | 11,074           | 8,926               | 55.4%        |
| 17-5025-**-**   | Uniforms                                    |                              | 27,996           | 41,791           | (13,795)            | 149.3% (7)   |
| 17-5026-**-**   | Small Vehicle Fuel                          |                              | 9,004            | 7,910            | 1,094               | 87.8%        |
| 17-5027-**-**   | Insurance - Property/Liability              |                              | 199,964          | 193,246          | 6,718               | 96.6%        |
| 17-5028-**-**   | Small Tools & Supplies                      |                              | 30,000           | 43,050           | (13,050)            | 143.5% (7)   |
| 17-5030-**-**   | Trash Disposal                              |                              | 2,504            | 4,492            | (1,988)             | 179.4%       |
| 17-5031-**-**   | Safety Supplies                             |                              | 38,652           | 48,910           | (10,258)            | 126.5% (7)   |
| 17-5032-**-**   | Equipment Rental                            |                              | 3,004            | 14,605           | (11,601)            | 486.2% (8)   |
| 17-5033-**-**   | Recruitment                                 |                              | 1,004            | 2,841            | (1,837)             | 283.0%       |
| 17-5034-**-**   | Travel Expense/Tech. Conferences            |                              | 20,592           | 6,713            | 13,879              | 32.6%        |
| 17-5035-**-**   | Training Expense                            |                              | 25,148           | 16,860           | 8,288               | 67.0%        |
| 17-5036-**-**   | Laboratory Supplies                         |                              | 25,144           | 32,963           | (7,819)             | 131.1% (3)   |
| 17-5037-**-**   | Office Equipment                            |                              | 9,996            | 2,464            | 7,532               | 24.6%        |
| 17-5038-**-**   | Permits                                     |                              | 15,000           | 27,970           | (12,970)            | 186.5%       |
| 17-5039-**-**   | Membership Dues/Fees                        |                              | 5,804            | 4,410            | 1,394               | 76.0%        |
| 17-5049-**-**   | Biosolids Disposal                          |                              | 881,996          | 1,100,939        | (43,943)            | 104.2% (2)   |
| 17-5050-**-**   | Contract Services Generators - 29A          | 175,000                      | 13,004           | -                | 13,004              | -            |
| 17-5052-**-**   | Janitorial Services                         |                              | 42,000           | 29,054           | 12,946              | 69.2%        |
| 17-5054-**-**   | Diesel Truck Maint                          |                              | 19,000           | 20,400           | (1,400)             | 107.4%       |
| 17-5055-**-**   | Diesel Truck Fuel                           |                              | 8,000            | 7,047            | 953                 | 88.1%        |
| 17-5056-**-**   | Maintenance Equip. & Facilities (Solids)    |                              | 211,000          | 139,380          | 71,620              | 66.1%        |
| 17-5057-**-**   | Maintenance Equip. & Facilities (Liquids)   |                              | 215,000          | 195,954          | 19,046              | 91.1%        |
| 17-5058-**-**   | Maintenance Equip. & Facilities (Common)    |                              | 36,000           | 21,471           | 14,529              | 59.8%        |
| 17-5059-**-**   | Maintenance Equip. & Facilities (Co-Gen)    |                              | 438,996          | 715,536          | (151,540)           | 126.9% (9)   |
| 17-5060-**-**   | Maintenance Equip. & Facilities (AWT)       | 125,000                      | 50,000           | 25,826           | 24,174              | 51.7%        |
| 17-5061-**-**   | Mileage                                     |                              | 1,004            | 2,104            | (1,100)             | 209.6%       |
| 17-5068-**-**   | MNWD Potable Water Supplies & Svcs.         |                              | 44,000           | 27,288           | 16,712              | 62.0%        |
| 17-5076-**-**   | SCADA Infrastructure                        |                              | 32,000           | 18,964           | 13,036              | 59.3%        |
| 17-5077-**-**   | IT Direct                                   |                              | 15,000           | 15,179           | (179)               | 101.2%       |
| 17-5105-**-**   | Co-Generation Power Credit - Offset         |                              | 1,050,000        | 1,135,051        | (85,051)            | 108.1%       |
| 17-5303-**-**   | Group Insurance Waiver                      |                              | 7,196            | 6,120            | 1,076               | 85.0%        |
| 17-5305-**-**   | Medicare Tax Payments for Employees         |                              | 148              | -                | 148                 | -            |
| 17-5309-**-**   | Operating Leases                            |                              | 6,004            | -                | 6,004               | -            |
| 17-5705-**-**   | Monthly Car Allowance                       |                              | 8,400            | 8,917            | (517)               | 106.2%       |
| 17-5797-**-**   | Verily Stipends - WastewaterSCAN Monitoring |                              | -                | (12,450)         | 12,450              | 100.0%       |
| 17-6500-**-**   | IT Allocations in to PC's & Depts.          |                              | 226,420          | 187,521          | 38,899              | 82.8%        |
|   | <b>Total Other Expenses</b>                 | <b>495,000</b>               | <b>5,451,080</b> | <b>5,171,035</b> | <b>280,045</b>      | <b>94.9%</b> |
|   | <b>Total Expenses</b>                       | <b>495,000</b>               | <b>8,358,668</b> | <b>7,910,148</b> | <b>448,520</b>      | <b>94.6%</b> |

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended June 30, 2023  
 (in dollars)

|  | FY 2022-23 Budget                             | Board Approved Expenditures* | Adjusted Budget   | Actual            | (Over)/Under Budget | % Expended   |
|--|---|------------------------------|-------------------|-------------------|---------------------|--------------|
| <b>21 - Effluent Transmission Main</b> |   |                              |                   |                   |                     |              |
| Salary and Fringe                      |   |                              |                   |                   |                     |              |
| 21-5000-**-**                          | Regular Salaries-O&M                          |                              | 1,156             | -                 | 1,156               | -            |
| 21-5401-**-**                          | Fringe Benefits IN to PC's & Depts.           |                              | 600               | -                 | 600                 | -            |
|  | <b>Total Payroll Costs</b>                    |                              | <b>1,756</b>      | <b>-</b>          | <b>1,756</b>        | <b>0.0%</b>  |
| Other Expenses                         |   |                              |                   |                   |                     |              |
| 21-5019-**-**                          | Contract Services Misc.                       |                              | 18,996            | -                 | 18,996              | -            |
| 21-5027-**-**                          | Insurance - Property/Liability                |                              | -                 | -                 | -                   | -            |
|  | <b>Total Other Expenses</b>                   |                              | <b>18,996</b>     | <b>-</b>          | <b>18,996</b>       | <b>0.0%</b>  |
|  | <b>Total Expenses</b>                         |                              | <b>20,752</b>     | <b>-</b>          | <b>20,752</b>       | <b>0.0%</b>  |
| <b>24 - Aiiso Creek Ocean Outfall</b>  |   |                              |                   |                   |                     |              |
| Salary and Fringe                      |   |                              |                   |                   |                     |              |
| 24-5000-**-**                          | Regular Salaries-O&M                          |                              | 117,060           | 90,168            | 26,892              | 77.0%        |
| 24-5001-**-**                          | Overtime Salaries-O&M                         |                              | 620               | 376               | 244                 | 60.7%        |
| 24-5306-**-**                          | Scheduled Holiday Work                        |                              | 276               | 178               | 98                  | 64.6%        |
| 24-5315-**-**                          | Comp Time - O&M                               |                              | -                 | 336               | (336)               | 100.0%       |
| 24-5401-**-**                          | Fringe Benefits IN to PC's & Depts.           |                              | 61,060            | 50,514            | 10,546              | 82.7%        |
|  | <b>Total Payroll Costs</b>                    |                              | <b>179,016</b>    | <b>141,572</b>    | <b>37,444</b>       | <b>79.1%</b> |
| Other Expenses                         |   |                              |                   |                   |                     |              |
| 24-5015-**-**                          | Management Support Services                   | 45,000                       | 170,004           | 51,240            | 118,764             | 30.1%        |
| 24-5017-**-**                          | Legal Fees                                    |                              | 2,008             | 1,565             | 443                 | 77.9%        |
| 24-5027-**-**                          | Insurance - Property/Liability                |                              | 17,884            | 13,702            | 4,182               | 76.6%        |
| 24-5031-**-**                          | Safety Supplies                               |                              | 1,004             | -                 | 1,004               | -            |
| 24-5034-**-**                          | Travel Expense/Tech. Conferences              |                              | 5,592             | 3,608             | 1,984               | 64.5%        |
| 24-5035-**-**                          | Training Expense                              |                              | 904               | 31                | 873                 | 0.03         |
| 24-5036-**-**                          | Laboratory Supplies                           |                              | 26,000            | 41,393            | (15,393)            | 159.2%       |
| 24-5038-**-**                          | Permits                                       |                              | 247,400           | 228,285           | 19,115              | 92.3%        |
| 24-5039-**-**                          | Membership Dues/Fees                          |                              | 5,844             | 62                | 5,782               | 0.01         |
| 24-5044-**-**                          | Offshore Monitoring                           |                              | 40,000            | 50,394            | (10,394)            | 126.0% (3)   |
| 24-5045-**-**                          | Offshore Biochemistry - 20B                   |                              | 15,000            | -                 | 15,000              | -            |
| 24-5046-**-**                          | Effluent Chemistry                            |                              | 22,496            | 16,181            | 6,316               | 71.9%        |
| 24-5058-**-**                          | Maintenance Equip. & Facilities (Common) 41-C |                              | 1,004             | 1,394             | (390)               | 138.8%       |
| 24-6500-**-**                          | IT Allocations in to PC's & Depts.            |                              | 14,172            | 11,740            | 2,432               | 82.8%        |
|  | <b>Total Other Expenses</b>                   | <b>45,000</b>                | <b>569,312</b>    | <b>419,594</b>    | <b>149,718</b>      | <b>73.7%</b> |
|  | <b>Total Expenses</b>                         | <b>45,000</b>                | <b>748,328</b>    | <b>561,166</b>    | <b>187,162</b>      | <b>75.0%</b> |
|  | <b>Total O&amp;M Expenses</b>                 | <b>1,065,000</b>             | <b>20,404,320</b> | <b>19,015,099</b> | <b>1,389,221</b>    | <b>93.2%</b> |

<sup>1</sup> 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 June 30, 2023

- (1) Power emergencies to date between the three (3) Treatment Plants.
- (2) Chemicals, fuel, and utilities increased with inflation and supply chain disruptions more than budgeted.
- (3) New NPDES permit testing requirements and inflation of laboratory supplies.
- (4) Staff is performing additional work in areas isolated by ongoing construction work that is not normally accessible for O&M work.
- (5) JBL installed and replaced a failed welding fume hood.
- (6) Toxicity exceedances at the SJCOO triggering accelerated testing and additional costs.
- (7) Five new employees outfitted at RTP.
- (8) Several pieces are being rented due to delays associated with receiving newly purchased units.
- (9) 30,000-hour Cogen Service Completed.

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

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

|                          |                                     | <b>FY 2022-23<br/>Budget</b> | <b>Actual</b>  | <b>(Over)/Under<br/>Budget</b> | <b>%<br/>Expended</b> |
|--------------------------|-------------------------------------|------------------------------|----------------|--------------------------------|-----------------------|
| <b>Salary and Fringe</b> |                                     |                              |                |                                |                       |
| 01-5000-03-00-00         | Regular Salaries-O&M                | 161,205                      | 123,697        | 37,508                         | 76.7%                 |
| 01-5401-03-00-00         | Fringe Benefits IN to PC's & Depts. | 84,092                       | 69,298         | 14,794                         | 82.4%                 |
|                          | <b>Total Payroll Costs</b>          | <b>245,297</b>               | <b>192,995</b> | <b>52,302</b>                  | <b>78.7%</b>          |
| <b>Other Expenses</b>    |                                     |                              |                |                                |                       |
| 01-5022-03-00-00         | Miscellaneous Expense               | 3,184                        | 1,325          | 1,859                          | 41.6%                 |
| 01-5023-03-00-00         | Office Supplies - All               | 208                          | 198            | 10                             | 95.2%                 |
| 01-5031-03-00-00         | Safety Supplies                     | 306                          | 275            | 31                             | 0.90                  |
| 01-5034-03-00-00         | Travel Expense/Tech. Conferences    | 6,439                        | 1,927          | 4,512                          | 0.30                  |
| 01-5035-03-00-00         | Training Expense                    | 2,244                        | -              | 2,244                          | -                     |
| 01-5037-03-00-00         | Office Equipment                    | 408                          | -              | 408                            | -                     |
| 01-5039-03-00-00         | Membership Dues/Fees                | 1,377                        | 881            | 496                            | 64.0%                 |
| 01-5061-03-00-00         | Mileage                             | 510                          | 168            | 342                            | 33.0%                 |
| 01-5309-03-00-00         | Operating Leases                    | 9,300                        | 17,237         | (7,937)                        | 185.3%                |
| 01-5705-03-00-00         | Monthly Car Allowance               | 4,200                        | 3,715          | 485                            | 88.5%                 |
| 01-5802-03-00-00         | Shipping/Freight                    | 312                          | -              | 312                            | -                     |
| 01-6500-03-00-00         | IT Allocations in to PC's & Depts.  | 52,639                       | 43,595         | 9,044                          | 82.8%                 |
|                          | <b>Total Other Expenses</b>         | <b>81,127</b>                | <b>69,322</b>  | <b>11,805</b>                  | <b>85.4%</b>          |
|                          | <b>Total Engineering Expenses</b>   | <b>326,424</b>               | <b>262,318</b> | <b>64,106</b>                  | <b>80.4%</b>          |

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

|  | FY 2022-23<br>Budget | Board<br>Approved<br>Expenditures* | Adjusted<br>Budget | Actual           | (Over)/Under<br>Budget | %<br>Expended |
|--|----------------------|------------------------------------|--------------------|------------------|------------------------|---------------|
| <b>Salary and Fringe</b>                             |                      |                                    |                    |                  |                        |               |
| 01-6000-04-00-00 Regular Salaries-Admin or IT        | 974,150              |                                    | 974,150            | 945,175          | 28,974                 | 97.0%         |
| 01-6001-04-00-00 Overtime Salaries-Admin or IT       | 10,000               | 20,000                             | 30,000             | 14,911           | 15,089                 | 49.7%         |
| 01-6315-04-00-00 Comp Time - Admin                   | 5,000                |                                    | 5,000              | 4,206            | 794                    | 84.1%         |
| 01-6401-04-00-00 Fringe Benefits IN to ADMIN or IT   | 508,162              |                                    | 508,162            | 529,223          | (21,061)               | 104.1%        |
| <b>Total Payroll Costs</b>                           | <b>1,497,312</b>     | <b>20,000</b>                      | <b>1,517,312</b>   | <b>1,493,515</b> | <b>23,797</b>          | <b>98.4%</b>  |
| <b>Other Expenses</b>                                |                      |                                    |                    |                  |                        |               |
| 01-6018-04-00-00 Public Notices/Public Relations     | 3,270                |                                    | 3,270              | -                | 3,270                  | -             |
| 01-6101-04-00-00 HR Recruitment & Employee Relations | 29,190               |                                    | 29,190             | 10,630           | 18,560                 | 36.4%         |
| 01-6102-04-00-00 Subscriptions                       | 2,533                |                                    | 2,533              | 1,903            | 630                    | 75.1%         |
| 01-6103-04-00-00 Contract Labor                      | 30,000               |                                    | 30,000             | 7,792            | 22,208                 | 26.0%         |
| 01-6200-04-00-00 Management Support Services         | 50,000               | 115,000                            | 165,000            | 98,230           | 66,770                 | 59.5%         |
| 01-6201-04-00-00 Audit                               | 46,000               |                                    | 46,000             | 37,680           | 8,320                  | 81.9%         |
| 01-6202-04-00-00 Legal                               | 200,000              | 130,000                            | 330,000            | 389,328          | (59,328)               | 118.0%        |
| 01-6204-04-00-00 Postage                             | 1,500                |                                    | 1,500              | 1,226            | 274                    | 81.7%         |
| 01-6223-04-00-00 Office Supplies - Admin             | 4,294                |                                    | 4,294              | 1,799            | 2,495                  | 41.9%         |
| 01-6224-04-00-00 Office Equipment Admin or IT        | 6,000                |                                    | 6,000              | 9,223            | (3,223)                | 153.7%        |
| 01-6234-04-00-00 Memberships & Trainings             | 95,912               |                                    | 95,912             | 104,664          | (8,752)                | 109.1% (1)    |
| 01-6239-04-00-00 Travel & Conference                 | 25,000               |                                    | 25,000             | 13,878           | 11,122                 | 55.5%         |
| 01-6240-04-00-00 Scholarship Sponsorship             | -                    |                                    | -                  | 1,000            | (1,000)                |               |
| 01-6241-04-00-00 Education Reimbursement             | 4,500                |                                    | 4,500              | 2,715            | 1,785                  | 60.3%         |
| 01-6310-04-00-00 Miscellaneous                       | 20,000               |                                    | 20,000             | 22,232           | (2,232)                | 111.2%        |
| 01-6311-04-00-00 Mileage                             | 569                  |                                    | 569                | 686              | (117)                  | 120.6%        |
| 01-6317-04-00-00 Contract Services Misc              | 5,573                |                                    | 5,573              | 5,732            | (159)                  | 102.9%        |
| 01-6500-04-00-00 IT Allocations in to PC's & Depts.  | 117,968              |                                    | 117,968            | 97,701           | 20,267                 | 82.8%         |
| 01-6601-04-00-00 Shipping/Freight                    | 4,382                |                                    | 4,382              | 2,446            | 1,936                  | 55.8%         |
| 01-6705-04-00-00 Monthly Car Allowance               | 12,000               |                                    | 12,000             | 13,500           | (1,500)                | 112.5%        |
| <b>Total Other Expenses</b>                          | <b>658,691</b>       | <b>245,000</b>                     | <b>903,691</b>     | <b>822,365</b>   | <b>81,326</b>          | <b>91.0%</b>  |
| <b>Total Admin Expenses</b>                          | <b>2,156,003</b>     | <b>265,000</b>                     | <b>2,421,003</b>   | <b>2,315,881</b> | <b>105,122</b>         | <b>95.7%</b>  |

(1) Inflationary impact on costs

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

|   |   | FY 2022-23<br>Budget | Actual         | (Over)/Under<br>Budget | %<br>Expended |
|---|---|----------------------|----------------|------------------------|---------------|
| <b>Salary &amp; Fringe</b>                      |   |                      |                |                        |               |
| 01-6000-05-00-00                                | Regular Salaries-Admin or IT                | 106,310              | 107,479        | (1,169)                | 101.1%        |
| 01-6401-05-00-00                                | Fringe Benefits IN to ADMIN or IT           | 55,456               | 60,212         | (4,756)                | 108.6%        |
|   | Total Salary & Fringe                       | 161,766              | 167,691        | (5,925)                | 103.7%        |
| <b>Other Expenses</b>                           |   |                      |                |                        |               |
| 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                     | 12,850               | 1,810          | 11,040                 | 14.1%         |
| 01-6239-05-00-00                                | Travel & Conference                         | 1,500                | -              | 1,500                  | -             |
| 01-6300-05-00-00                                | Software Maintenance Agreements             | 60,433               | 43,165         | 17,268                 | 71.4%         |
| 01-6301-05-00-00                                | Hardware Maintenance Agreements             | 14,186               | 12,839         | 1,347                  | 90.5%         |
| 01-6302-05-00-00                                | Cloud Subscriptions (Internet)              | 181,766              | 117,021        | 64,745                 | 64.4%         |
| 01-6303-05-00-00                                | Telecommunications                          | 164,582              | 147,876        | 16,706                 | 89.8%         |
| 01-6305-05-00-00                                | IT Professional Services                    | 53,500               | 41,599         | 11,901                 | 77.8%         |
| 01-6306-05-00-00                                | Small Hardware Purchases (< \$5k)           | 28,900               | 24,308         | 4,592                  | 84.1%         |
| 01-6307-05-00-00                                | Small Software Purchases & Licenses (<\$5k) | 26,444               | 18,521         | 7,923                  | 70.0%         |
| 01-6308-05-00-00                                | IT Memberships                              | 160                  | -              | 160                    | -             |
| 01-6309-05-00-00                                | Operating Leases                            | 64,173               | 66,787         | (2,614)                | 104.1%        |
| 01-6310-05-00-00                                | Miscellaneous                               | 5,000                | 57             | 4,943                  | 0.01          |
| 01-6312-05-00-00                                | Computer & Photocopy Supplies               | -                    | 1,882          | (1,882)                | -             |
|   | Total Other Expenses                        | 618,094              | 475,864        | 142,230                | 77.0%         |
|   | <b>Total Expenses before Allocation</b>     | <b>779,860</b>       | <b>643,556</b> | <b>136,304</b>         | <b>82.5%</b>  |
| <b>IT Allocations (Out) to PC's &amp; Depts</b> |   |                      |                |                        |               |
| 01-6400-05-00-00                                | IT Allocations (OUT) to PC's & Depts.       | (779,860)            | (643,556)      | (136,304)              | 82.5%         |
|   | Total IT Allocations (Out) to PC's & Depts  | (779,860)            | (643,556)      | (136,304)              | 82.5%         |

Exhibit A

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

|   | <u>Actual</u>                       |
|---|-------------------------------------|
| General Fund                                  | \$ (1,543,975)                      |
| PC 2 - Jay B. Latham Plant                    | (570,590)                           |
| PC 5 - San Juan Creek Ocean Outfall           | (21,153)                            |
| PC 8 - Pretreatment Program                   | (15,692)                            |
| PC 12 SO - Water Reclamation Permits          | (11,030.03)                         |
| PC 15 - Coastal Treatment Plant/AWT           | (339,665)                           |
| PC 17 - Joint Regional Wastewater Reclamation | (806,198)                           |
| PC 21 - Effluent Transmission Main            | -                                   |
| PC 23 - North Coast Interceptor               | -                                   |
| PC 24 - Aliso Creek Ocean Outfall             | (40,309)                            |
| <b>Total</b>                                  | <b><u><u>\$ (3,348,611)</u></u></b> |

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

|                                      |           |                  |
|--------------------------------------|-----------|------------------|
| CASH IN BANK: (BEGINNING BAL.)       | \$        | 1,174,308        |
| L.A.I.F. FUNDS: (BEGINNING BAL.)     |           | 5,670,525        |
| DEPOSITS, TRANSFERS & ADJUSTMENTS:   |           | 4,433,038        |
| FUND REQUIREMENTS:                   |           |                  |
| BILLS FOR CONSIDERATION <sup>1</sup> |           | (3,348,611)      |
| <b>TOTAL CASH IN BANK</b>            | <b>\$</b> | <b>7,929,259</b> |

<sup>1</sup> 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 09/06/23



### Quarterly Performance Quarter Ended 06/30/23

|  |                     |
|--|---------------------|
| LAIF Apportionment Rate <sup>(2)</sup> :   | 3.15                |
| LAIF Earnings Ratio <sup>(2)</sup> :       | 0.00008636172883763 |
| LAIF Administrative Cost <sup>(1)*</sup> : | 0.06                |
| LAIF Fair Value Factor <sup>(1)</sup> :    | 0.984828499         |
| PMIA Daily <sup>(1)</sup> :                | 3.26                |
| PMIA Quarter to Date <sup>(1)</sup> :      | 3.01                |
| PMIA Average Life <sup>(1)</sup> :         | 260                 |

### PMIA Average Monthly Effective Yields<sup>(1)</sup>

|               |              |
|---------------|--------------|
| <b>August</b> | <b>3.434</b> |
| July          | 3.305**      |
| June          | 3.167        |
| May           | 2.993        |
| April         | 2.870        |
| March         | 2.831        |

### Pooled Money Investment Account Monthly Portfolio Composition <sup>(1)</sup> 07/31/23 \$173.5 billion

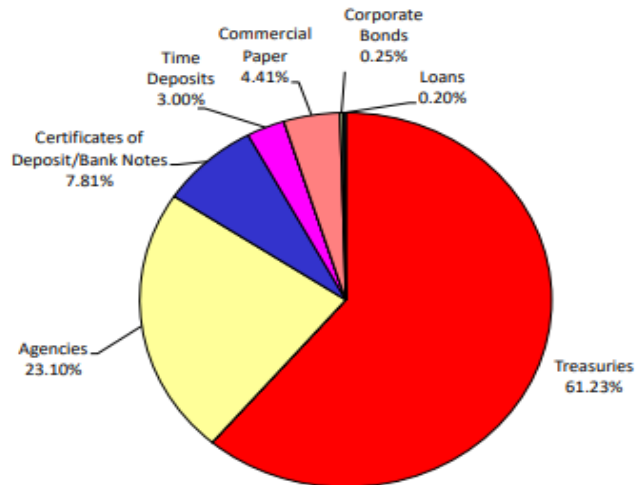


Chart does not include \$2,786,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

**Exhibit C**

**South Orange County Wastewater Authority  
Schedule of Cash and Investments  
as of July 31, 2023**

|                                       |                      |     |
|---------------------------------------|----------------------|-----|
| MVA                                   | \$ 182,046           | (A) |
| A/P Checking                          | 1,228,489            | (B) |
| Payroll Checking                      | 392,051              | (C) |
| State LAIF                            | 6,126,674            | (D) |
| <b>Total Cash in Bank<sup>1</sup></b> | <b>\$ 7,929,259</b>  |     |
| <br>                                  |                      |     |
| Petty Cash                            | 1,600                | (E) |
| <b>Total Operating Cash</b>           | <b>\$ 7,930,859</b>  |     |
| <br>                                  |                      |     |
| OPEB Trust                            | 6,369,353            | (F) |
| <br>                                  |                      |     |
| <b>Total Cash and Investments</b>     | <b>\$ 14,300,212</b> |     |

<sup>1</sup>Bank 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:

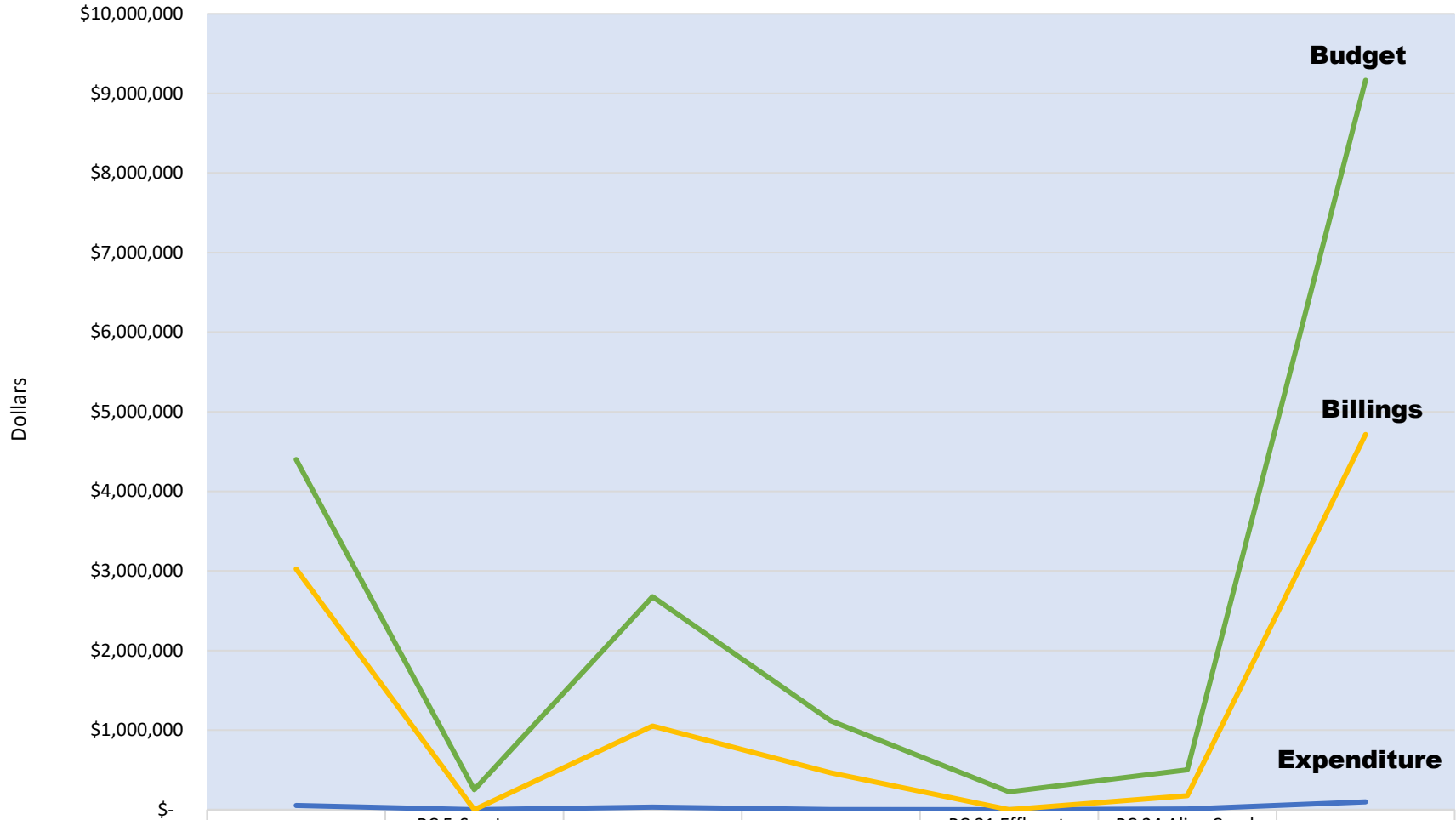
- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
- (C) Payroll including payroll taxes and related 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 July 31, 2023  
(in dollars)**

| <b>FY 2022-23 Budget vs. Actual Spending</b> |                       |                             |                             |                   |                             |                                  |                         |                              |
|--|-----------------------|-----------------------------|-----------------------------|-------------------|-----------------------------|----------------------------------|-------------------------|------------------------------|
| <u>Description</u>                           | <b>Capital Budget</b> | <b>Fiscal Year Spending</b> | <b>(Over)/ Under Budget</b> | <b>% Expended</b> | <b>Member Agency Billed</b> | <b>Member Agency Collections</b> | <b>Open Receivables</b> | <b>% Expended vs. Billed</b> |
| PC 2-JB Latham                               | \$ 4,400,000          | \$ 54,109                   | \$ 4,345,891                | 1.2%              | \$ 3,025,000                | \$ 3,025,000                     | \$ -                    | 1.8%                         |
| PC 5-San Juan Creek Outfall                  | 250,000               | -                           | 250,000                     | 0.0%              | -                           | -                                | -                       | -                            |
| PC 15-Coastal                                | 2,675,000             | 33,350                      | 2,641,650                   | 1.2%              | 1,050,000                   | 1,050,000                        | -                       | 3.2%                         |
| 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               | -                           | 225,000                     | 0.0%              | -                           | -                                | -                       | -                            |
| PC 24 Aliso Creek Outfall                    | 500,000               | 7,998                       | 492,002                     | 1.6%              | 175,000                     | 175,000                          | -                       | 4.6%                         |
| <b>Total Large Capital</b>                   | <b>\$ 9,165,000</b>   | <b>\$ 98,313</b>            | <b>\$ 9,066,687</b>         | <b>1.1%</b>       | <b>\$ 4,715,000</b>         | <b>\$ 4,715,000</b>              | <b>\$ -</b>             | <b>2.1%</b>                  |
| Non-Capital Engineering                      | 905,000               | -                           | 905,000                     | 0.0%              | 75,000                      | 75,000                           | -                       | 0.0%                         |
| Non-Capital Misc Engineering                 | -                     | -                           | 0                           | -                 | -                           | -                                | -                       | -                            |
| Small Internal Capital                       | 2,013,000             | 60,194                      | 1,952,806                   | 3.0%              | 2,061,000                   | 2,061,000                        | -                       | 2.9%                         |
| <b>Total Capital</b>                         | <b>\$ 12,083,000</b>  | <b>\$ 158,507</b>           | <b>\$ 11,924,493</b>        | <b>1.3%</b>       | <b>\$ 6,851,000</b>         | <b>\$ 6,851,000</b>              | <b>\$ -</b>             | <b>2.3%</b>                  |

## Large Capital Projects Fiscal Year 2023-24 Budget vs. Exhibit D-1 Year-to-Date Expenditures & Billings as of 7/31/2023



|                                | 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 |
|--------------------------------|----------------|-----------------------------|---------------|----------------|-----------------------------|---------------------------|---------------------|
| <b>Spent - YTD 7/31/2023</b>   | \$54,109       | \$-                         | \$33,350      | \$2,856        | \$-                         | \$7,998                   | \$98,313            |
| <b>FY 23-24 Billings</b>       | \$3,025,000    | \$-                         | \$1,050,000   | \$465,000      | \$-                         | \$175,000                 | \$4,715,000         |
| <b>Capital Budget FY 23-24</b> | \$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 Summary<sup>1</sup>**  
For the Period Ended July 31, 2023  
(in dollars)

|                          |                                     | FY 2023-24<br>Budget | Actual    | (Over)/Under<br>Budget | %<br>Expended |
|--------------------------|-------------------------------------|----------------------|-----------|------------------------|---------------|
| <b>Salary and Fringe</b> |                                     |                      |           |                        |               |
| **-5000-**-**_**         | Regular Salaries-O&M                | 5,065,446            | 348,763   | 4,716,683              | 6.9%          |
| **-5001-**-**_**         | Overtime Salaries-O&M               | 82,008               | 6,144     | 75,864                 | 7.5%          |
| **-5306-**-**_**         | Scheduled Holiday Work              | 68,376               | 9,173     | 59,203                 | 13.4%         |
| **-5315-**-**_**         | Comp Time - O&M                     | 17,628               | 2,315     | 15,313                 | 13.1%         |
| **-5401-**-**_**         | Fringe Benefits IN to PC's & Depts. | 2,731,721            | 209,258   | 2,522,463              | 7.7%          |
| **-5700-**-**_**         | Standby Pay                         | 104,000              | 7,700     | 96,300                 | 7.4%          |
|                          | Total Payroll Costs                 | 8,069,179            | 583,353   | 7,485,826              | 7.2%          |
| <b>Other Expenses</b>    |                                     |                      |           |                        |               |
| **-5002-**-**_**         | Electricity                         | 1,260,000            | 112,410   | 1,147,590              | 8.9%          |
| **-5003-**-**_**         | Natural Gas                         | 490,500              | 31,442    | 459,058                | 6.4%          |
| **-5004-**-**_**         | Potable & Reclaimed Water           | 78,000               | 6,357     | 71,643                 | 8.1%          |
| **-5005-**-**_**         | Co-generation Power Credit          | (1,302,000)          | (177,978) | (1,124,022)            | 13.7%         |
| **-5006-**-**_**         | Chlorine/Sodium Hypochlorite        | 181,000              | 21,780    | 159,220                | 12.0%         |
| **-5007-**-**_**         | Polymer Products                    | 1,040,000            | 191,526   | 848,474                | 18.4%         |
| **-5008-**-**_**         | Ferric Chloride                     | 880,000              | 96,044    | 783,956                | 10.9%         |
| **-5009-**-**_**         | Odor Control Chemicals              | 155,000              | 22,147    | 132,853                | 14.3%         |
| **-5010-**-**_**         | Other Chemicals - Misc.             | 2,000                | -         | 2,000                  | -             |
| **-5011-**-**_**         | Laboratory Services                 | 56,632               | 1,665     | 54,967                 | 2.9%          |
| **-5012-**-**_**         | Grit Hauling                        | 132,500              | 11,627    | 120,873                | 8.8%          |
| **-5013-**-**_**         | Landscaping                         | 211,000              | 27,933    | 183,067                | 13.2%         |
| **-5015-**-**_**         | Management Support Services         | 527,000              | 1,900     | 525,100                | 0.4%          |
| **-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              | 50,120    | 322,876                | 13.4%         |
| **-5021-**-**_**         | Small Vehicle Expense               | 24,128               | 2,300     | 21,828                 | 9.5%          |
| **-5022-**-**_**         | Miscellaneous Expense               | 16,032               | 94        | 15,938                 | 0.6%          |
| **-5023-**-**_**         | Office Supplies - All               | 48,000               | 2,792     | 45,208                 | 5.8%          |
| **-5024-**-**_**         | Petroleum Products                  | 27,000               | 890       | 26,110                 | 3.3%          |
| **-5025-**-**_**         | Uniforms                            | 78,000               | 8,633     | 69,367                 | 11.1%         |
| **-5026-**-**_**         | Small Vehicle Fuel                  | 20,272               | 1,035     | 19,237                 | 5.1%          |
| **-5027-**-**_**         | Insurance - Property/Liability      | 535,873              | -         | 535,873                | 0.0%          |
| **-5028-**-**_**         | Small Tools & Supplies              | 77,668               | 12,676    | 64,992                 | 16.3%         |
| **-5030-**-**_**         | Trash Disposal                      | 9,000                | 796       | 8,204                  | 8.8%          |
| **-5031-**-**_**         | Safety Program & Supplies           | 114,956              | 18,120    | 96,836                 | 15.8%         |
| **-5032-**-**_**         | Equipment Rental                    | 7,000                | -         | 7,000                  | 0.0%          |
| **-5033-**-**_**         | Recruitment                         | 2,300                | -         | 2,300                  | 0.0%          |
| **-5034-**-**_**         | Travel Expense/Tech. Conferences    | 75,078               | 3,616     | 71,462                 | 4.8%          |
| **-5035-**-**_**         | Training Expense                    | 50,479               | 484       | 49,995                 | 1.0%          |
| **-5036-**-**_**         | Laboratory Supplies                 | 127,092              | 15,093    | 111,999                | 11.9%         |
| **-5037-**-**_**         | Office Equipment                    | 27,000               | -         | 27,000                 | 0.0%          |
| **-5038-**-**_**         | Permits                             | 635,836              | 20,824    | 615,013                | 3.3%          |
| **-5039-**-**_**         | Membership Dues/Fees                | 13,153               | 15,058    | (1,904)                | 114.5%        |
| **-5044-**-**_**         | Offshore Monitoring                 | 81,604               | 6,167     | 75,437                 | 7.6%          |
| **-5045-**-**_**         | Offshore Biochemistry - 20B         | 22,500               | -         | 22,500                 | -             |
| **-5046-**-**_**         | Effluent Chemistry                  | 50,948               | -         | 50,948                 | 0.0%          |
| **-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            | 137,994   | 1,609,506              | 7.9%          |
| **-5050-**-**_**         | Contract Services Generators - 29A  | 23,000               | -         | 23,000                 | 0.0%          |
| **-5052-**-**_**         | Janitorial Services                 | 95,000               | 6,838     | 88,163                 | 7.2%          |

**South Orange County Wastewater Authority**  
**O & M & Environmental Safety Costs Summary<sup>1</sup>**  
 For the Period Ended July 31, 2023  
 (in dollars)

|                  |   | FY 2023-24<br>Budget | Actual | (Over)/Under<br>Budget | %<br>Expended |
|------------------|---|----------------------|--------|------------------------|---------------|
| **-5053-**-**_** | Contract Serv - Digester Cleaning - 29E   | 80,000               | -      | 80,000                 | 0.0%          |
| **-5054-**-**_** | Diesel Truck Maint                        | 43,000               | 1,786  | 41,214                 | 4.2%          |
| **-5055-**-**_** | Diesel Truck Fuel                         | 11,800               | 1,294  | 10,506                 | 11.0%         |
| **-5056-**-**_** | Maintenance Equip. & Facilities (Solids)  | 300,000              | 32,174 | 267,826                | 10.7%         |
| **-5057-**-**_** | Maintenance Equip. & Facilities (Liquids) | 510,000              | 61,563 | 448,437                | 12.1%         |
| **-5058-**-**_** | Maintenance Equip. & Facilities (Common)  | 92,008               | 4,552  | 87,456                 | 4.9%          |
| **-5059-**-**_** | Maintenance Equip. & Facilities (Co-Gen)  | 836,700              | 63,286 | 773,414                | 7.6%          |
| **-5060-**-**_** | Maintenance Equip. & Facilities (AWT)     | 39,000               | -      | 39,000                 | 0.0%          |
| **-5061-**-**_** | Mileage                                   | 2,900                | 161    | 2,739                  | 5.5%          |
| **-5068-**-**_** | MNWD Potable Water Supplies & Svcs.       | 44,880               | 1,883  | 42,997                 | 4.2%          |

**South Orange County Wastewater Authority**  
**O & M & Environmental Safety Costs Summary<sup>1</sup>**  
 For the Period Ended July 31, 2023  
 (in dollars)

|                  | FY 2023-24<br>Budget                        | Actual            | (Over)/Under<br>Budget | %<br>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         | 177,978                | 1,124,022         | 13.7%       |
| **-5303-**_**_** | Group Insurance Waiver                      | 14,400            | 1,385                  | 13,015            | 9.6%        |
| **-5305-**_**_** | Medicare Tax Payments for Employees         | 152               | -                      | 152               | 0.0%        |
| **-5309-**_**_** | Operating Leases                            | 20,000            | 1,274                  | 18,726            | 6.4%        |
| **-5705-**_**_** | Monthly Car Allowance                       | 31,200            | 1,938                  | 29,261            | 6.2%        |
| **-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           | 43,997                 | 576,557           | 7.1%        |
|                  | <b>Total Other Expenses</b>                 | <b>12,165,718</b> | <b>1,040,851</b>       | <b>11,124,867</b> | <b>8.6%</b> |
|                  | <b>Total O&amp;M Expenses</b>               | <b>20,234,898</b> | <b>1,624,204</b>       | <b>18,610,694</b> | <b>8.0%</b> |

(0)

<sup>1</sup> 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<sup>1</sup>**  
 For the Period Ended July 31, 2023  
 (in dollars)

|                                 |   | FY 2023-24<br>Budget | Actual         | (Over)/Under<br>Budget | %<br>Expended |
|---------------------------------|---|----------------------|----------------|------------------------|---------------|
| <b>02 - Jay B. Latham Plant</b> |   |                      |                |                        |               |
| Salary and Fringe               |   |                      |                |                        |               |
| 02-5000-**-**-**                | Regular Salaries-O&M                        | 1,785,000            | 114,946        | 1,670,054              | 6.4%          |
| 02-5001-**-**-**                | Overtime Salaries-O&M                       | 27,208               | 2,675          | 24,533                 | 9.8%          |
| 02-5306-**-**-**                | Scheduled Holiday Work                      | 30,000               | 3,221          | 26,779                 | 10.7%         |
| 02-5315-**-**-**                | Comp Time - O&M                             | 8,604                | 191            | 8,413                  | 2.2%          |
| 02-5401-**-**-**                | Fringe Benefits IN to PC's & Depts.         | 962,625              | 68,967         | 893,657                | 7.2%          |
| 02-5700-**-**-**                | Standby Pay                                 | 37,846               | 2,850          | 34,996                 | 7.5%          |
|                                 | <b>Total Payroll Costs</b>                  | <b>2,851,283</b>     | <b>192,850</b> | <b>2,658,433</b>       | <b>6.8%</b>   |
| Other Expenses                  |   |                      |                |                        |               |
| 02-5002-**-**-**                | Electricity                                 | 660,000              | 58,705         | 601,295                | 8.9%          |
| 02-5003-**-**-**                | Natural Gas                                 | 252,000              | 12,945         | 239,056                | 5.1%          |
| 02-5004-**-**-**                | Potable & Reclaimed Water                   | 27,000               | 2,114          | 24,886                 | 7.8%          |
| 02-5006-**-**-**                | Chlorine/Sodium Hypochlorite                | 21,000               | 6,714          | 14,286                 | 32.0%         |
| 02-5007-**-**-**                | Polymer Products                            | 390,000              | 89,839         | 300,161                | 23.0%         |
| 02-5008-**-**-**                | Ferric Chloride                             | 300,000              | 28,456         | 271,544                | 9.5%          |
| 02-5009-**-**-**                | Odor Control Chemicals                      | 38,000               | 4,476          | 33,524                 | 11.8%         |
| 02-5010-**-**-**                | Other Chemicals - Misc.                     | 1,000                | -              | 1,000                  | -             |
| 02-5011-**-**-**                | Laboratory Services                         | 20,108               | 13             | 20,095                 | 0.1%          |
| 02-5012-**-**-**                | Grit Hauling                                | 70,500               | 7,919          | 62,581                 | 11.2%         |
| 02-5013-**-**-**                | Landscaping                                 | 68,000               | 10,661         | 57,339                 | 15.7%         |
| 02-5015-**-**-**                | Management Support Services                 | 16,500               | 1,620          | 14,880                 | 9.8%          |
| 02-5017-**-**-**                | Legal Fees                                  | 5,000                | 472            | 4,528                  | 9.4%          |
| 02-5019-**-**-**                | Contract Services Misc.                     | 129,000              | 17,861         | 111,139                | 13.8%         |
| 02-5021-**-**-**                | Small Vehicle Expense                       | 11,000               | 2,133          | 8,867                  | 19.4%         |
| 02-5022-**-**-**                | Miscellaneous Expense                       | 8,000                | 55             | 7,945                  | 0.7%          |
| 02-5023-**-**-**                | Office Supplies - All                       | 30,000               | 1,773          | 28,227                 | 5.9%          |
| 02-5024-**-**-**                | Petroleum Products                          | 11,000               | 647            | 10,353                 | 5.9%          |
| 02-5025-**-**-**                | Uniforms                                    | 36,000               | 4,148          | 31,852                 | 11.5%         |
| 02-5026-**-**-**                | Small Vehicle Fuel                          | 8,000                | 292            | 7,708                  | 3.7%          |
| 02-5027-**-**-**                | Insurance - Property/Liability              | 188,606              | -              | 188,606                | 0.0%          |
| 02-5028-**-**-**                | Small Tools & Supplies                      | 35,000               | 2,303          | 32,697                 | 6.6%          |
| 02-5030-**-**-**                | Trash Disposal                              | 3,000                | 136            | 2,864                  | 4.5%          |
| 02-5031-**-**-**                | Safety Program & Supplies                   | 40,032               | 8,319          | 31,713                 | 20.8%         |
| 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               | 1,842          | 16,321                 | 10.1%         |
| 02-5035-**-**-**                | Training Expense                            | 15,420               | 286            | 15,134                 | 1.9%          |
| 02-5036-**-**-**                | Laboratory Supplies                         | 21,412               | 1,681          | 19,731                 | 7.8%          |
| 02-5037-**-**-**                | Office Equipment                            | 14,000               | -              | 14,000                 | 0.0%          |
| 02-5038-**-**-**                | Permits                                     | 27,032               | 20,824         | 6,208                  | 77.0%         |
| 02-5039-**-**-**                | Membership Dues/Fees                        | 3,423                | 4,828          | (1,405)                | 141.0%        |
| 02-5049-**-**-**                | Biosolids Disposal                          | 750,000              | 48,059         | 701,941                | 6.4%          |
| 02-5050-**-**-**                | Contract Services Generators - 29A          | 10,000               | -              | 10,000                 | 0.0%          |
| 02-5052-**-**-**                | Janitorial Services                         | 43,000               | 2,987          | 40,014                 | 6.9%          |
| 02-5053-**-**-**                | Contract Serv - Digester Cleaning - 29E     | 15,000               | -              | 15,000                 | 0.0%          |
| 02-5054-**-**-**                | Diesel Truck Maint                          | 23,000               | 893            | 22,107                 | 3.9%          |
| 02-5055-**-**-**                | Diesel Truck Fuel                           | 3,300                | 882            | 2,418                  | 26.7%         |
| 02-5056-**-**-**                | Maintenance Equip. & Facilities (Solids)    | 125,000              | 7,047          | 117,953                | 5.6%          |
| 02-5057-**-**-**                | Maintenance Equip. & Facilities (Liquids)   | 200,000              | 15,873         | 184,127                | 7.9%          |
| 02-5058-**-**-**                | Maintenance Equip. & Facilities (Common)    | 30,000               | 2,433          | 27,567                 | 8.1%          |
| 02-5059-**-**-**                | Maintenance Equip. & Facilities (Co-Gen)    | 297,000              | 21,708         | 275,292                | 7.3%          |
| 02-5061-**-**-**                | Mileage                                     | 1,400                | 50             | 1,350                  | 3.6%          |
| 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                | 277            | 3,323                  | 7.7%          |
| 02-5309-**-**-**                | Operating Leases                            | 20,000               | 1,274          | 18,726                 | 6.4%          |
| 02-5705-**-**-**                | Monthly Car Allowance                       | 18,600               | 969            | 17,631                 | 5.2%          |
| 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              | 15,507         | 203,211                | 7.1%          |
|                                 | <b>Total Other Expenses</b>                 | <b>4,263,015</b>     | <b>407,069</b> | <b>3,855,947</b>       | <b>9.5%</b>   |
|                                 | <b>Total Expenses</b>                       | <b>7,114,298</b>     | <b>599,919</b> | <b>6,514,379</b>       | <b>8.4%</b>   |

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended July 31, 2023  
 (in dollars)

|  |  | FY 2023-24<br>Budget | Actual        | (Over)/Under<br>Budget | %<br>Expended |
|--|--|----------------------|---------------|------------------------|---------------|
| <b>05 - San Juan Creek Ocean Outfall</b> |  |                      |               |                        |               |
| Salary and Fringe                        |  |                      |               |                        |               |
| 05-5000-**-**-**                         | Regular Salaries-O&M                     | 145,529              | 8,504         | 137,025                | 5.8%          |
| 05-5001-**-**-**                         | Overtime Salaries-O&M                    | 72                   | 48            | 24                     | 66.2%         |
| 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               | 5,102         | 73,380                 | 6.5%          |
|  | <b>Total Payroll Costs</b>               | <b>224,551</b>       | <b>13,749</b> | <b>210,802</b>         | <b>6.1%</b>   |
| Other Expenses                           |  |                      |               |                        |               |
| 05-5015-**-**-**                         | Management Support Services              | 110,000              | 140           | 109,860                | 0.1%          |
| 05-5017-**-**-**                         | Legal Fees                               | 7,000                | -             | 7,000                  | 0.0%          |
| 05-5022-**-**-**                         | Miscellaneous Expense                    | -                    | -             | -                      | 100.0%        |
| 05-5027-**-**-**                         | Insurance - Property/Liability           | 21,282               | -             | 21,282                 | 0.0%          |
| 05-5031-**-**-**                         | Safety Supplies                          | 1,020                | -             | 1,020                  | -             |
| 05-5034-**-**-**                         | Travel Expense/Tech. Conferences         | 5,696                | 443           | 5,253                  | 7.8%          |
| 05-5035-**-**-**                         | Training Expense                         | 1,087                | -             | 1,087                  | -             |
| 05-5036-**-**-**                         | Laboratory Supplies                      | 33,500               | 5,445         | 28,055                 | 16.3%         |
| 05-5038-**-**-**                         | Permits                                  | 302,496              | -             | 302,496                | 0.0%          |
| 05-5039-**-**-**                         | Membership Dues/Fees                     | 1,000                | -             | 1,000                  | -             |
| 05-5044-**-**-**                         | Offshore Monitoring                      | 40,800               | 3,084         | 37,717                 | 7.6%          |
| 05-5045-**-**-**                         | Offshore Biochemistry - 20B              | 7,500                | -             | 7,500                  | -             |
| 05-5046-**-**-**                         | Effluent Chemistry                       | 28,000               | -             | 28,000                 | 0.0%          |
| 05-5058-**-**-**                         | Maintenance Equip. & Facilities (Common) | 1,004                | -             | 1,004                  | -             |
| 05-6500-**-**-**                         | IT Allocations in to PC's & Depts.       | 17,832               | 1,264         | 16,568                 | 7.1%          |
|  | <b>Total Other Expenses</b>              | <b>578,218</b>       | <b>10,376</b> | <b>567,842</b>         | <b>1.8%</b>   |
|  | <b>Total Expenses</b>                    | <b>802,768</b>       | <b>24,124</b> | <b>778,644</b>         | <b>3.0%</b>   |
| <b>08 - Pre Treatment</b>                |  |                      |               |                        |               |
| Salary and Fringe                        |  |                      |               |                        |               |
| 08-5000-**-**-**                         | Regular Salaries-O&M                     | 132,256              | 8,214         | 124,041                | 6.2%          |
| 08-5315-02-08-00                         | Comp Time - O&M                          | -                    | -             | -                      | -             |
| 08-5401-**-**-**                         | Fringe Benefits IN to PC's & Depts.      | 71,324               | 4,929         | 66,395                 | 6.9%          |
|  | <b>Total Payroll Costs</b>               | <b>203,579</b>       | <b>13,143</b> | <b>190,436</b>         | <b>6.5%</b>   |
| Other Expenses                           |  |                      |               |                        |               |
| 08-5011-**-**-**                         | Laboratory Services                      | 3,064                | 1,640         | 1,424                  | 53.5%         |
| 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                | -             | 7,170                  | 0.0%          |
| 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                | 75            | 1,969                  | -             |
| 08-5038-**-**-**                         | Permits and Fines                        | 508                  | -             | 508                    | -             |
| 08-5039-**-**-**                         | Membership Dues/Fees                     | 816                  | -             | 816                    | 0.0%          |
| 08-6500-**-**-**                         | IT Allocations in to PC's & Depts.       | 16,205               | 1,149         | 15,056                 | 7.1%          |
|  | <b>Total Other Expenses</b>              | <b>66,883</b>        | <b>2,864</b>  | <b>62,891</b>          | <b>4.4%</b>   |
|  | <b>Total Expenses</b>                    | <b>270,462</b>       | <b>16,007</b> | <b>253,328</b>         | <b>5.9%</b>   |
| <b>12 - Water Reclamation Permits</b>    |  |                      |               |                        |               |
| Salary and Fringe                        |  |                      |               |                        |               |
| 12-5000-**-**-**                         | Regular Salaries-O&M                     | 13,572               | 3,583         | 9,990                  | 26.4%         |
| 12-5401-**-**-**                         | Fringe Benefits IN to PC's & Depts.      | 7,319                | 2,150         | 5,170                  | 29.4%         |
|  | <b>Total Payroll Costs</b>               | <b>20,892</b>        | <b>5,732</b>  | <b>15,160</b>          | <b>27.4%</b>  |
| Other Expenses                           |  |                      |               |                        |               |
| 12-5015-**-**-**                         | Management Support Services              | 35,000               | -             | 35,000                 | 0.0%          |
| 12-5017-**-**-**                         | Legal Fees                               | 2,000                | -             | 2,000                  | -             |
| 12-5027-**-**-**                         | Insurance - Property/Liability           | 2,473                | -             | 2,473                  | 0.0%          |
| 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                | 118           | 1,545                  | 7.1%          |
|  | <b>Total Other Expenses</b>              | <b>72,401</b>        | <b>118</b>    | <b>72,283</b>          | <b>0.2%</b>   |
|  | <b>Total Expenses</b>                    | <b>93,293</b>        | <b>5,850</b>  | <b>87,442</b>          | <b>6.3%</b>   |

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended July 31, 2023  
 (in dollars)

|                                     |   | FY 2023-24<br>Budget | Actual         | (Over)/Under<br>Budget | %<br>Expended |
|-------------------------------------|---|----------------------|----------------|------------------------|---------------|
| <b>15 - Coastal Treatment Plant</b> |   |                      |                |                        |               |
| Salary and Fringe                   |   |                      |                |                        |               |
| 15-5000-**-**                       | Regular Salaries-O&M                        | 971,637              | 67,068         | 904,569                | 6.9%          |
| 15-5001-**-**                       | Overtime Salaries-O&M                       | 13,732               | 1,444          | 12,288                 | 10.5%         |
| 15-5306-**-**                       | Scheduled Holiday Work                      | 10,260               | 945            | 9,315                  | 9.2%          |
| 15-5315-**-**                       | Comp Time - O&M                             | 2,000                | 435            | 1,565                  | 21.7%         |
| 15-5401-**-**                       | Fringe Benefits IN to PC's & Depts.         | 523,990              | 40,241         | 483,749                | 7.7%          |
| 15-5700-**-**                       | Standby Pay                                 | 18,462               | 925            | 17,537                 | 5.0%          |
|                                     | <b>Total Payroll Costs</b>                  | <b>1,540,081</b>     | <b>111,058</b> | <b>1,429,023</b>       | <b>7.2%</b>   |
| Other Expenses                      |   |                      |                |                        |               |
| 15-5002-**-**                       | Electricity                                 | 300,000              | 41,980         | 258,020                | 14.0%         |
| 15-5003-**-**                       | Natural Gas                                 | 3,500                | 40             | 3,460                  | 1.1%          |
| 15-5004-**-**                       | Potable & Reclaimed Water                   | 24,000               | 2,003          | 21,997                 | 8.3%          |
| 15-5006-**-**                       | Chlorine/Sodium Hypochlorite                | 100,000              | 9,320          | 90,680                 | 9.3%          |
| 15-5007-**-**                       | Polymer Products                            | -                    | -              | -                      | -             |
| 15-5008-**-**                       | Ferric Chloride                             | 105,000              | 19,299         | 85,701                 | 18.4%         |
| 15-5009-**-**                       | Odor Control Chemicals                      | 50,000               | 5,494          | 44,506                 | 11.0%         |
| 15-5011-**-**                       | Laboratory Services                         | 10,000               | -              | 10,000                 | 0.0%          |
| 15-5012-**-**                       | Grit Hauling                                | 22,000               | 1,619          | 20,381                 | 7.4%          |
| 15-5013-**-**                       | Landscaping                                 | 63,000               | 4,882          | 58,118                 | 7.7%          |
| 15-5015-**-**                       | Management Support Services                 | 13,000               | -              | 13,000                 | 0.0%          |
| 15-5017-**-**                       | Legal Fees                                  | 5,000                | -              | 5,000                  | 0.0%          |
| 15-5019-**-**                       | Contract Services Misc.                     | 110,000              | 15,353         | 94,647                 | 14.0%         |
| 15-5021-**-**                       | Small Vehicle Expense - 31A                 | 4,000                | 121            | 3,879                  | 3.0%          |
| 15-5022-**-**                       | Miscellaneous Expense                       | 1,000                | -              | 1,000                  | 0.0%          |
| 15-5023-**-**                       | Office Supplies - All                       | 5,000                | 282            | 4,718                  | 5.6%          |
| 15-5024-**-**                       | Petroleum Products                          | 4,000                | -              | 4,000                  | 0.0%          |
| 15-5025-**-**                       | Uniforms                                    | 10,000               | 1,109          | 8,891                  | 11.1%         |
| 15-5026-**-**                       | Small Vehicle Fuel                          | 2,000                | 313            | 1,687                  | 15.7%         |
| 15-5027-**-**                       | Insurance - Property/Liability              | 79,422               | -              | 79,422                 | 0.0%          |
| 15-5028-**-**                       | Small Tools & Supplies                      | 9,000                | 1,688          | 7,312                  | 18.8%         |
| 15-5030-**-**                       | Trash Disposal                              | 3,000                | 166            | 2,834                  | 5.5%          |
| 15-5031-**-**                       | Safety Supplies                             | 33,456               | 2,786          | 30,670                 | 8.3%          |
| 15-5032-**-**                       | Equipment Rental                            | 1,000                | -              | 1,000                  | -             |
| 15-5033-**-**                       | Recruitment                                 | 300                  | -              | 300                    | 0.0%          |
| 15-5034-**-**                       | Travel Expense/Tech. Conferences            | 18,163               | 443            | 17,720                 | 2.4%          |
| 15-5035-**-**                       | Training Expense                            | 15,420               | 61             | 15,359                 | 0.4%          |
| 15-5036-**-**                       | Laboratory Supplies                         | 20,000               | 1,716          | 18,284                 | 8.6%          |
| 15-5037-**-**                       | Office Equipment                            | 3,000                | -              | 3,000                  | 0.0%          |
| 15-5038-**-**                       | Permits                                     | 5,000                | -              | 5,000                  | 0.0%          |
| 15-5039-**-**                       | Membership Dues/Fees                        | 3,423                | 4,978          | (1,555)                | 145.4%        |
| 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                | -              | 5,000                  | 0.0%          |
| 15-5052-**-**                       | Janitorial Services                         | 15,000               | 1,182          | 13,818                 | 7.9%          |
| 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              | 11,100         | 98,900                 | 10.1%         |
| 15-5058-**-**                       | Maintenance Equip. & Facilities (Common)    | 24,000               | 397            | 23,603                 | 1.7%          |
| 15-5060-**-**                       | Maintenance Equip. & Facilities (AWT)       | 39,000               | -              | 39,000                 | 0.0%          |
| 15-5061-**-**                       | Mileage                                     | 500                  | 41             | 459                    | 8.2%          |
| 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                | 277            | 3,323                  | 7.7%          |
| 15-5305-**-**                       | Medicare Tax Payments for Employees         | -                    | -              | -                      | #N/A          |
| 15-5705-**-**                       | Monthly Car Allowance                       | 4,200                | 323            | 3,877                  | 7.7%          |
| 15-5797-**-**                       | Verily Stipends - WastewaterSCAN Monitoring | -                    | (1,950)        | 1,950                  | 100.0%        |
| 15-6500-**-**                       | IT Allocations in to PC's & Depts.          | 119,057              | 8,441          | 110,616                | 7.1%          |
|                                     | <b>Total Other Expenses</b>                 | <b>1,455,741</b>     | <b>135,925</b> | <b>1,319,816</b>       | <b>9.3%</b>   |
|                                     | <b>Total Expenses</b>                       | <b>2,995,822</b>     | <b>246,982</b> | <b>2,748,839</b>       | <b>8.2%</b>   |



**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended July 31, 2023  
 (in dollars)

|   |   | FY 2023-24<br>Budget | Actual         | (Over)/Under<br>Budget | %<br>Expended |
|---|---|----------------------|----------------|------------------------|---------------|
| <b>17 - Joint Regional Wastewater Reclamation and Sludge Handling</b> |   |                      |                |                        |               |
| Salary and Fringe   |   |                      |                |                        |               |
| 17-5000-**-**-**  | Regular Salaries-O&M                        | 1,884,409            | 139,889        | 1,744,520              | 7.4%          |
| 17-5001-**-**-**  | Overtime Salaries-O&M                       | 40,492               | 1,930          | 38,562                 | 4.8%          |
| 17-5306-**-**-**  | Scheduled Holiday Work                      | 27,356               | 4,911          | 22,445                 | 18.0%         |
| 17-5315-**-**-**  | Comp Time - O&M                             | 7,024                | 1,690          | 5,334                  | 24.1%         |
| 17-5401-**-**-**  | Fringe Benefits IN to PC's & Depts.         | 1,016,234            | 83,933         | 932,301                | 8.3%          |
| 17-5700-**-**-**  | Standby Pay                                 | 47,692               | 3,925          | 43,767                 | 8.2%          |
|   | <b>Total Payroll Costs</b>                  | <b>3,023,208</b>     | <b>236,278</b> | <b>2,786,930</b>       | <b>7.8%</b>   |
| Other Expenses  |   |                      |                |                        |               |
| 17-5002-**-**-**  | Electricity                                 | 300,000              | 11,725         | 288,275                | 3.9%          |
| 17-5003-**-**-**  | Natural Gas                                 | 235,000              | 18,457         | 216,543                | 7.9%          |
| 17-5004-**-**-**  | Potable & Reclaimed Water                   | 27,000               | 2,240          | 24,760                 | 8.3%          |
| 17-5005-**-**-**  | Co-generation Power Credit                  | (1,302,000)          | (177,978)      | (1,124,022)            | 13.7%         |
| 17-5006-**-**-**  | Chlorine/Sodium Hypochlorite                | 60,000               | 5,746          | 54,254                 | 9.6%          |
| 17-5007-**-**-**  | Polymer Products                            | 650,000              | 101,687        | 548,313                | 15.6%         |
| 17-5008-**-**-**  | Ferric Chloride                             | 475,000              | 48,289         | 426,711                | 10.2%         |
| 17-5009-**-**-**  | Odor Control Chemicals                      | 67,000               | 12,178         | 54,822                 | 18.2%         |
| 17-5010-**-**-**  | Other Chemicals - Misc.                     | 1,000                | -              | 1,000                  | -             |
| 17-5011-**-**-**  | Laboratory Services                         | 23,460               | 13             | 23,447                 | 0.1%          |
| 17-5012-**-**-**  | Grit Hauling - 21A                          | 40,000               | 2,089          | 37,911                 | 5.2%          |
| 17-5013-**-**-**  | Landscaping                                 | 80,000               | 12,391         | 67,609                 | 15.5%         |
| 17-5015-**-**-**  | Management Support Services                 | 17,500               | -              | 17,500                 | 0.0%          |
| 17-5017-**-**-**  | Legal Fees                                  | 5,000                | 118            | 4,882                  | 2.4%          |
| 17-5019-**-**-**  | Contract Services Misc.                     | 115,000              | 16,906         | 98,094                 | 14.7%         |
| 17-5021-**-**-**  | Small Vehicle Expense                       | 8,000                | 46             | 7,954                  | 0.6%          |
| 17-5022-**-**-**  | Miscellaneous Expense                       | 5,000                | 38             | 4,962                  | 0.8%          |
| 17-5023-**-**-**  | Office Supplies - All                       | 13,000               | 738            | 12,262                 | 5.7%          |
| 17-5024-**-**-**  | Petroleum Products                          | 12,000               | 243            | 11,757                 | 2.0%          |
| 17-5025-**-**-**  | Uniforms                                    | 32,000               | 3,376          | 28,624                 | 10.6%         |
| 17-5026-**-**-**  | Small Vehicle Fuel                          | 9,000                | 430            | 8,570                  | 4.8%          |
| 17-5027-**-**-**  | Insurance - Property/Liability              | 212,048              | -              | 212,048                | 4.1%          |
| 17-5028-**-**-**  | Small Tools & Supplies                      | 30,000               | 8,685          | 21,315                 | 1.6%          |
| 17-5030-**-**-**  | Trash Disposal                              | 3,000                | 493            | 2,507                  | 233.8%        |
| 17-5031-**-**-**  | Safety Supplies                             | 39,428               | 7,015          | 32,413                 | 0.0%          |
| 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               | 443            | 17,720                 | 2.4%          |
| 17-5035-**-**-**  | Training Expense                            | 15,420               | 61             | 15,359                 | 0.4%          |
| 17-5036-**-**-**  | Laboratory Supplies                         | 25,660               | 1,833          | 23,827                 | 7.1%          |
| 17-5037-**-**-**  | Office Equipment                            | 10,000               | -              | 10,000                 | 0.0%          |
| 17-5038-**-**-**  | Permits                                     | 15,300               | -              | 15,300                 | 0.0%          |
| 17-5039-**-**-**  | Membership Dues/Fees                        | 3,423                | 5,251          | (1,828)                | 153.4%        |
| 17-5049-**-**-**  | Biosolids Disposal                          | 997,500              | 89,935         | 907,565                | 9.0%          |
| 17-5050-**-**-**  | Contract Services Generators - 29A          | 8,000                | -              | 8,000                  | -             |
| 17-5052-**-**-**  | Janitorial Services                         | 37,000               | 2,669          | 34,331                 | 7.2%          |
| 17-5053-**-**-**  | Contract Serv - Digester Cleaning - 29E     | 65,000               | -              | 65,000                 | 0.0%          |
| 17-5054-**-**-**  | Diesel Truck Maint                          | 19,000               | 893            | 64,107                 | 1.4%          |
| 17-5055-**-**-**  | Diesel Truck Fuel                           | 8,000                | 412            | 18,588                 | 2.2%          |
| 17-5056-**-**-**  | Maintenance Equip. & Facilities (Solids)    | 175,000              | 25,127         | (17,127)               | 314.1%        |
| 17-5057-**-**-**  | Maintenance Equip. & Facilities (Liquids)   | 200,000              | 34,590         | 140,411                | 19.8%         |
| 17-5058-**-**-**  | Maintenance Equip. & Facilities (Common)    | 36,000               | 1,295          | 198,705                | 0.6%          |
| 17-5059-**-**-**  | Maintenance Equip. & Facilities (Co-Gen)    | 539,700              | 41,578         | (5,578)                | 115.5%        |
| 17-5060-**-**-**  | Maintenance Equip. & Facilities (AWT)       | 0                    | -              | 539,700                | 0.0%          |
| 17-5061-**-**-**  | Mileage                                     | 1,000                | 70             | 930                    | 7.0%          |
| 17-5068-**-**-**  | MNWD Potable Water Supplies & Svcs.         | 44,880               | 1,883          | 42,997                 | 4.2%          |
| 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            | 177,978        | 1,124,022              | 13.7%         |
| 17-5303-**-**-**  | Group Insurance Waiver                      | 7,200                | 831            | 6,369                  | 11.5%         |
| 17-5305-**-**-**  | Medicare Tax Payments for Employees         | 152                  | -              | 152                    | -             |
| 17-5705-**-**-**  | Monthly Car Allowance                       | 8,400                | 646            | 7,754                  | 7.7%          |
| 17-5797-**-**-**  | Verily Stipends - WastewaterSCAN Monitoring | -                    | (1,950)        | 1,950                  | 100.0%        |
| 17-6500-**-**-**  | IT Allocations in to PC's & Depts.          | 230,899              | 16,370         | 214,528                | 7.1%          |
|   | <b>Total Other Expenses</b>                 | <b>4,975,334</b>     | <b>474,839</b> | <b>4,565,495</b>       | <b>9.4%</b>   |
|   | <b>Total Expenses</b>                       | <b>7,998,542</b>     | <b>711,117</b> | <b>7,352,425</b>       | <b>8.8%</b>   |

**South Orange County Wastewater Authority**  
**O&M Budget vs. Actual Comparison by PC<sup>1</sup>**  
 For the Period Ended July 31, 2023  
 (in dollars)

|  |   | FY 2023-24<br>Budget     | Actual                  | (Over)/Under<br>Budget   | %<br>Expended      |
|--|---|--------------------------|-------------------------|--------------------------|--------------------|
| <b>21 - Effluent Transmission Main</b> |   |                          |                         |                          |                    |
| Other Expenses                         |   |                          |                         |                          |                    |
| 21-5017-**-**-**                       | Legal Fees                                    | 500                      | -                       | 500                      | 0.0%               |
| 21-5019-**-**-**                       | Contract Services Misc.                       | 18,996                   | -                       | 18,996                   | 0.0%               |
|  | Total Other Expenses                          | <u>19,496</u>            | <u>-</u>                | <u>19,496</u>            | <u>0.0%</u>        |
|  | Total Expenses                                | <u>19,496</u>            | <u>-</u>                | <u>19,496</u>            | <u>0.0%</u>        |
| <b>23 - North Coast Interceptor</b>    |   |                          |                         |                          |                    |
| Salary and Fringe                      |   |                          |                         |                          |                    |
| 23-5000-**-**-**                       |   | 1,000                    | -                       | 1,000                    | 0.0%               |
| 23-5401-**-**-**                       |   | 539                      | -                       | 539                      | 0.0%               |
|  | Total Payroll Costs                           | <u>1,539</u>             | <u>-</u>                | <u>1,539</u>             | <u>0.0%</u>        |
| Other Expenses                         |   |                          |                         |                          |                    |
| 23-5017-**-**-**                       | Legal Fees                                    | 500                      | -                       | 500                      | 0.0%               |
|  | Total Other Expenses                          | <u>500</u>               | <u>-</u>                | <u>500</u>               | <u>0.0%</u>        |
|  | Total Expenses                                | <u>2,039</u>             | <u>-</u>                | <u>2,039</u>             | <u>0.0%</u>        |
| <b>24 - Aliso Creek Ocean Outfall</b>  |   |                          |                         |                          |                    |
| Salary and Fringe                      |   |                          |                         |                          |                    |
| 24-5000-**-**-**                       | Regular Salaries-O&M                          | 132,042                  | 6,560                   | 125,482                  | 5.0%               |
| 24-5001-**-**-**                       | Overtime Salaries-O&M                         | 504                      | 48                      | 456                      | 9.5%               |
| 24-5306-**-**-**                       | Scheduled Holiday Work                        | 292                      | -                       | 292                      | 0.0%               |
| 24-5315-**-**-**                       | Comp Time - O&M                               | -                        | -                       | -                        | 100.0%             |
| 24-5401-**-**-**                       | Fringe Benefits IN to PC's & Depts.           | 71,209                   | 3,936                   | 67,272                   | 5.5%               |
|  | Total Payroll Costs                           | <u>204,047</u>           | <u>10,544</u>           | <u>193,503</u>           | <u>5.2%</u>        |
| Other Expenses                         |   |                          |                         |                          |                    |
| 24-5015-**-**-**                       | Management Support Services                   | 315,000                  | 140                     | 314,860                  | 0.0%               |
| 24-5017-**-**-**                       | Legal Fees                                    | 3,000                    | -                       | 3,000                    | 0.0%               |
| 24-5027-**-**-**                       | Insurance - Property/Liability                | 24,872                   | -                       | 24,872                   | 0.0%               |
| 24-5031-**-**-**                       | Safety Supplies                               | 1,020                    | -                       | 1,020                    | -                  |
| 24-5034-**-**-**                       | Travel Expense/Tech. Conferences              | 5,696                    | 443                     | 5,253                    | 7.8%               |
| 24-5035-**-**-**                       | Training Expense                              | 1,087                    | -                       | 1,087                    | -                  |
| 24-5036-**-**-**                       | Laboratory Supplies                           | 26,520                   | 4,419                   | 22,101                   | 16.7%              |
| 24-5038-**-**-**                       | Permits                                       | 260,000                  | -                       | 260,000                  | 0.0%               |
| 24-5039-**-**-**                       | Membership Dues/Fees                          | 1,000                    | -                       | 1,000                    | -                  |
| 24-5044-**-**-**                       | Offshore Monitoring                           | 40,804                   | 3,084                   | 37,721                   | 7.6%               |
| 24-5045-**-**-**                       | Offshore Biochemistry - 20B                   | 15,000                   | -                       | 15,000                   | -                  |
| 24-5046-**-**-**                       | Effluent Chemistry                            | 22,948                   | -                       | 22,948                   | 0.0%               |
| 24-5058-**-**-**                       | Maintenance Equip. & Facilities (Common) 41-C | 1,004                    | 428                     | 576                      | 42.6%              |
| 24-6500-**-**-**                       | IT Allocations in to PC's & Depts.            | 16,179                   | 1,147                   | 15,032                   | 7.1%               |
|  | Total Other Expenses                          | <u>734,131</u>           | <u>9,661</u>            | <u>724,470</u>           | <u>1.3%</u>        |
|  | Total Expenses                                | <u>938,178</u>           | <u>20,205</u>           | <u>917,973</u>           | <u>2.2%</u>        |
| <b>Total O&amp;M Expenses</b>          |   | <b><u>20,234,898</u></b> | <b><u>1,624,204</u></b> | <b><u>18,673,026</u></b> | <b><u>8.0%</u></b> |

<sup>1</sup> 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  
Budget vs. Actual Comparison - Engineering**

For the Period Ended July 31, 2023  
(in dollars)

|                          |                                     | <b>FY 2023-24<br/>Budget</b> | <b>Actual</b> | <b>(Over)/Under<br/>Budget</b> | <b>%<br/>Expended</b> |
|--------------------------|-------------------------------------|------------------------------|---------------|--------------------------------|-----------------------|
| <b>Salary and Fringe</b> |                                     |                              |               |                                |                       |
| 01-5000-03-00-00         | Regular Salaries-O&M                | 194,546                      | 7,711         | 186,835                        | 4.0%                  |
| 01-5401-03-00-00         | Fringe Benefits IN to PC's & Depts. | 104,916                      | 4,627         | 100,289                        | 4.4%                  |
|                          | <b>Total Payroll Costs</b>          | <b>299,462</b>               | <b>12,338</b> | <b>287,124</b>                 | <b>4.1%</b>           |
| <b>Other Expenses</b>    |                                     |                              |               |                                |                       |
| 01-5022-03-00-00         | Miscellaneous Expense               | 2,000                        | 207           | 1,793                          | 10.4%                 |
| 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                        | -             | 1,775                          | 0.0%                  |
| 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                       | 1,572         | 28,428                         | 5.2%                  |
| 01-5705-03-00-00         | Monthly Car Allowance               | 4,200                        | 323           | 3,877                          | 7.7%                  |
| 01-5802-03-00-00         | Shipping/Freight                    | 100                          | -             | 100                            | -                     |
| 01-6500-03-00-00         | IT Allocations in to PC's & Depts.  | 54,993                       | 4,075         | 50,919                         | 7.4%                  |
|                          | <b>Total Other Expenses</b>         | <b>103,518</b>               | <b>6,176</b>  | <b>97,342</b>                  | <b>6.0%</b>           |
|                          | <b>Total Engineering Expenses</b>   | <b>402,980</b>               | <b>18,514</b> | <b>384,466</b>                 | <b>4.6%</b>           |

**South Orange County Wastewater Authority**  
**Budget vs. Actual Comparison- Administration**  
 For the Period Ended July 31, 2023  
 (in dollars)

|                          |                                     | <b>FY 2023-24<br/>Budget</b> | <b>Actual</b>  | <b>(Over)/Under<br/>Budget</b> | <b>%<br/>Expended</b> |
|--------------------------|-------------------------------------|------------------------------|----------------|--------------------------------|-----------------------|
| <b>Salary and Fringe</b> |                                     |                              |                |                                |                       |
| 01-6000-04-00-00         | Regular Salaries-Admin or IT        | 1,006,210                    | 73,087         | 933,123                        | 7.3%                  |
| 01-6001-04-00-00         | Overtime Salaries-Admin or IT       | 7,000                        | 425            | 6,575                          | 6.1%                  |
| 01-6315-04-00-00         | Comp Time - Admin                   | 4,000                        | 31             | 3,969                          | 0.8%                  |
| 01-6401-04-00-00         | Fringe Benefits IN to ADMIN or IT   | 542,634                      | 43,852         | 498,782                        | 8.1%                  |
|                          | <b>Total Payroll Costs</b>          | <b>1,559,845</b>             | <b>117,396</b> | <b>1,442,449</b>               | <b>7.5%</b>           |
| <b>Other Expenses</b>    |                                     |                              |                |                                |                       |
| 01-6101-04-00-00         | HR Recruitment & Employee Relations | 48,100                       | 6,476          | 41,624                         | 13.5%                 |
| 01-6102-04-00-00         | Subscriptions                       | 1,400                        | 202            | 1,198                          | 14.4%                 |
| 01-6103-04-00-00         | Contract Labor                      | 30,000                       | 1,649          | 28,351                         | 5.5%                  |
| 01-6200-04-00-00         | Management Support Services         | 55,000                       | 17,464         | 37,536                         | 31.8%                 |
| 01-6201-04-00-00         | Audit                               | 46,000                       | 2,580          | 43,420                         | 5.6%                  |
| 01-6202-04-00-00         | Legal                               | 200,000                      | 20,979         | 179,021                        | 10.5%                 |
| 01-6203-04-00-00         | Outside Services                    | -                            | 195            | (195)                          | N/A                   |
| 01-6204-04-00-00         | Postage                             | 1,500                        | 20             | 1,480                          | 1.3%                  |
| 01-6223-04-00-00         | Office Supplies - Admin             | 4,000                        | -              | 4,000                          | 0.0%                  |
| 01-6224-04-00-00         | Office Equipment Admin or IT        | 1,000                        | 1,789          | (789)                          | 178.9%                |
| 01-6234-04-00-00         | Memberships & Trainings             | 105,000                      | 23,759         | 81,241                         | 22.6%                 |
| 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                       | 1,685          | 20,315                         | 7.7%                  |
| 01-6311-04-00-00         | Mileage                             | 600                          | -              | 600                            | 0.0%                  |
| 01-6317-04-00-00         | Contract Services Misc              | 5,800                        | 450            | 5,350                          | 7.8%                  |
| 01-6500-04-00-00         | IT Allocations in to PC's & Depts.  | 123,292                      | 8,741          | 114,551                        | 7.1%                  |
| 01-6601-04-00-00         | Shipping/Freight                    | 1,200                        | 307            | 893                            | 25.6%                 |
| 01-6705-04-00-00         | Monthly Car Allowance               | 12,000                       | 785            | 11,215                         | 6.5%                  |
|                          | <b>Total Other Expenses</b>         | <b>685,892</b>               | <b>88,838</b>  | <b>597,054</b>                 | <b>13.0%</b>          |
|                          | <b>Total Admin Expenses</b>         | <b>2,245,737</b>             | <b>206,234</b> | <b>2,039,503</b>               | <b>9.2%</b>           |

**South Orange County Wastewater Authority**  
**Budget vs. Actual Comparison-IT**  
 For the Period Ended July 31, 2023  
 (in dollars)

|   |   | <b>FY 2023-24<br/>Budget</b> | <b>Actual</b>   | <b>(Over)/Under<br/>Budget</b> | <b>%<br/>Expended</b> |
|---|---|------------------------------|-----------------|--------------------------------|-----------------------|
| <b>Salary &amp; Fringe</b>                      |   |                              |                 |                                |                       |
| 01-6000-05-00-00                                | Regular Salaries-Admin or IT                          | 116,046                      | 8,509           | 107,537                        | 7.3%                  |
| 01-6401-05-00-00                                | Fringe Benefits IN to ADMIN or IT                     | 62,582                       | 5,106           | 57,477                         | 8.2%                  |
|   | <b>Total Salary &amp; Fringe</b>                      | <b>178,629</b>               | <b>13,615</b>   | <b>165,014</b>                 | <b>7.6%</b>           |
| <b>Other Expenses</b>                           |   |                              |                 |                                |                       |
| 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                       | 2,600           | 82,100                         | 3.1%                  |
| 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                      | 14,291          | 182,644                        | 7.3%                  |
| 01-6303-05-00-00                                | Telecommunications                                    | 161,382                      | 11,910          | 149,472                        | 7.4%                  |
| 01-6305-05-00-00                                | IT Professional Services                              | 19,960                       | 2,966           | 16,994                         | 14.9%                 |
| 01-6306-05-00-00                                | Small Hardware Purchases (< \$5k)                     | 25,400                       | 3,332           | 22,068                         | 13.1%                 |
| 01-6307-05-00-00                                | Small Software Purchases & Licenses (<\$5k)           | 30,500                       | 278             | 30,222                         | 0.9%                  |
| 01-6308-05-00-00                                | IT Memberships  | 160                          | -               | 160                            | -                     |
| 01-6309-05-00-00                                | Operating Leases                                      | 64,200                       | 4,384           | 59,816                         | 6.8%                  |
| 01-6310-05-00-00                                | Miscellaneous   | 5,000                        | -               | 5,000                          | -                     |
| 01-6312-05-00-00                                | Computer & Photocopy Supplies                         | 3,200                        | -               | 3,200                          | -                     |
|   | <b>Total Other Expenses</b>                           | <b>622,687</b>               | <b>43,197</b>   | <b>579,489</b>                 | <b>6.9%</b>           |
|   | <b>Total Expenses before Allocation</b>               | <b>801,315</b>               | <b>56,812</b>   | <b>744,503</b>                 | <b>7.1%</b>           |
| <b>IT Allocations (Out) to PC's &amp; Depts</b> |   |                              |                 |                                |                       |
| 01-6400-05-00-00                                | IT Allocations (OUT) to PC's & Depts.                 | (801,315)                    | (56,812)        | (744,503)                      | 7.1%                  |
|   | <b>Total IT Allocations (Out) to PC's &amp; Depts</b> | <b>(801,315)</b>             | <b>(56,812)</b> | <b>(744,503)</b>               | <b>7.1%</b>           |

# Agenda Item

# 5.E.

**Board of Directors Meeting**

**Meeting Date:** October 5, 2023

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

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## 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 August, 2023

## Excursion, Complaint, and Violation Events

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

## Plant Wastewater Billing Characteristics

| Key Parameters           | CTP  | RTP   | JBL TP1 | JBL TP2 | Totals |
|--------------------------|------|-------|---------|---------|--------|
| Influent (mgd) (1)       | 3.02 | 7.89  | 6.19    | 1.05    | 18.15  |
| Effluent (mgd)           | 2.24 | 2.90  | 6.19    | 2.80    | 14.13  |
| Peak Flow (mgd)          | 8.99 | 17.50 | 11.71   | 10.00   | 39.21  |
| Influent BOD (mg/l)      | 273  | 332   | 271     | 395     |        |
| Influent TSS (mg/l)      | 307  | 373   | 365     | 566     |        |
| Effluent BOD (mg/l)      | 5.3  | 5.6   | 11.8    | 7.1     |        |
| Effluent TSS (mg/l)      | 7.0  | 6.6   | 18.3    | 8.7     |        |
| Effluent Turbidity (NTU) | 2.5  | 3.5   | 5.7     | 3.2     |        |

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

## Recycled Water (AWT) Operations

| Key Parameters                     | CTP   | RTP   | JBL  | Totals |
|------------------------------------|-------|-------|------|--------|
| Average Flow (mgd)                 | 1.13  | 4.99  |      | 6.12   |
| Days of Operation (days)           | 27    | 31    |      |        |
| Total Flow (million gallons)       | 35.0  | 154.6 |      | 189.6  |
| Plant Irrigation (million gallons) | 0.01  | 0.10  | 0.24 |        |
| AWT Time Online (%)                | 100.0 |       |      |        |

### 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 August, 2023 (cont'd)

## Biosolids Management

| Biosolids Management Site | CTP | RTP     | JBL   | Totals  |
|---------------------------|-----|---------|-------|---------|
| Synagro Compost (tons)    |     | 785.9   | 0.0   | 785.9   |
| Nursery Products (tons)   |     | 353.5   | 627.9 | 981.4   |
| Prima Deshecha (tons)     |     | 0.0     | 310.9 | 310.9   |
| Other: _____ (tons)       |     | 0.0     | 0.0   | 0.0     |
| Total Processed (tons)    |     | 1,139.3 | 938.9 | 2,078.2 |

## Summary of Maintenance Activities

| Task Type                | CTP | RTP | JBL | Totals |
|--------------------------|-----|-----|-----|--------|
| Preventative Maintenance | 156 | 312 | 191 | 659    |
| Corrective Maintenance   | 22  | 51  | 54  | 127    |

## Site Visitors

| Visitor Types    | CTP | RTP | JBL | Totals |
|------------------|-----|-----|-----|--------|
| Regulatory       | 0   | 0   | 0   | 0      |
| Member Agency    | 0   | 4   | 7   | 11     |
| Residents        | 0   | 0   | 0   | 0      |
| Others           | 5   | 4   | 13  | 22     |
| Tours #/Visitors | 0   | 0   | 0   | 0      |

## Grit Disposal Management

| Grit & Screenings           | CTP | RTP  | JBL | Totals |
|-----------------------------|-----|------|-----|--------|
| Simi Valley Landfill (tons) | 6.0 | 26.3 | NA  | 32.3   |

## Chemical and Energy Utilization

| Chemical/Utility              | CTP     | RTP       | JBL       | Totals     |
|-------------------------------|---------|-----------|-----------|------------|
| Ferric Chloride (tons)        | NA      | 27.0      | NA        | 27.0       |
| Utility Power Purchase (kWh)  | 192,944 | 9,390     | 208,384   | 410,718    |
| Cogen Power (kWh)             |         | 611,426   | 433,152   | 1,044,578  |
| Natural Gas (Dth)             | NA      | NA        | 1,396     | 1,396      |
| Digester Gas to Engine (scfm) |         | 9,146,506 | 5,456,395 | 14,602,901 |
| Digester Gas to Boiler (scfm) |         | 0         |           | 0          |
| Digester Gas to Flares (scfm) |         | 94,207    | 221,308   | 315,515    |
| Digester Gas Power Savings    |         | \$177,414 |           |            |

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 August, 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          | 1.685        | 53.42%         |             |              |                | 1.69         |
| EBS          | 0.080        | 2.54%          |             |              |                | 0.08         |
| SCWD         | 1.389        | 44.04%         |             | 1.771        | 24.45%         | 3.16         |
| MNWD         | 0.000        | 0.00%          | 7.89        | 1.400        | 19.33%         | 9.29         |
| CSJC         |              |                |             | 2.300        | 31.76%         | 2.30         |
| SMWD         |              |                |             | 1.772        | 24.47%         | 1.77         |
| <b>Total</b> | <b>3.155</b> | <b>100.00%</b> | <b>7.89</b> | <b>7.244</b> | <b>100.00%</b> | <b>18.28</b> |

## Total Agency Outfall Flows by Outfall System-Billing Flows

| Agency       | SJCOO (mgd)  | SJCOO (%)      | SJCOO Meter (mgd) | ACOO (mgd)  | ACOO (%)       | Total (mgd)  | Notes               |
|--------------|--------------|----------------|-------------------|-------------|----------------|--------------|---------------------|
| CLB          |              |                |                   | 1.69        | 21.53%         | 1.69         |                     |
| EBS          |              |                |                   | 0.08        | 1.02%          | 0.08         |                     |
| SCWD         | 1.77         | 16.61%         |                   | 0.35        | 4.50%          | 2.12         | Includes Desalters  |
| MNWD         | 1.77         | 16.58%         |                   | 2.90        | 37.04%         | 4.67         |                     |
| ETWD         |              |                |                   | 1.59        | 20.29%         | 1.59         | Direct Outfall Only |
| CSJC         | 2.74         | 25.72%         |                   |             |                | 2.74         | Includes Desalter   |
| SMWD         | 1.80         | 16.92%         |                   |             |                | 1.80         | Includes Chiquita   |
| CSC          | 2.58         | 24.17%         |                   |             |                | 2.58         | Direct Outfall Only |
| IRWD         |              |                |                   | 1.22        | 15.62%         | 1.22         | Direct Outfall Only |
| <b>Total</b> | <b>10.66</b> | <b>100.00%</b> | <b>0.00</b>       | <b>7.83</b> | <b>100.00%</b> | <b>18.49</b> |                     |

# SOCWA Operational Report August, 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%     | 2.300          | 31.76%    | 2.29                 | 31.81%             |
| MNWD   | 3.00      | 23.08%  | 1.400        | 16.63%     | 1.400          | 19.33%    | 1.40                 | 19.47%             |
| SCWD   | 3.75      | 28.85%  | 1.610        | 19.12%     | 1.771          | 24.45%    | 1.77                 | 24.66%             |
| SMWD   | 2.25      | 17.31%  | 3.200        | 38.00%     | 1.772          | 24.47%    | 1.73                 | 24.06%             |
| Total  | 13.00     | 100.00% | 8.420        | 100.00%    | 7.244          | 100.00%   | 7.19                 | 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%     | 7,522         | 35.78%    | 6,483                          | 25.20%                 |
| MNWD   | 8,340       | 21.62%  | 6,169          | 23.63%     | 4,113         | 19.57%    | 5,760                          | 22.39%                 |
| SCWD   | 7,715       | 20.00%  | 5,584          | 21.39%     | 4,179         | 19.88%    | 5,183                          | 20.15%                 |
| SMWD   | 10,946      | 28.38%  | 8,473          | 32.45%     | 5,207         | 24.77%    | 8,301                          | 32.27%                 |
| Total  | 38,573      | 100.00% | 26,110         | 100.00%    | 21,022        | 100.00%   | 25,728                         | 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%     | 2.577       | 24.17%    | 2.429                | 23.63%             |
| CSJC    | 11.08%  | 8.860        | 11.08%     | 2.742       | 25.72%    | 2.649                | 25.77%             |
| MNWD(3) | 15.51%  | 12.410       | 15.51%     | 1.767       | 16.58%    | 1.601                | 15.58%             |
| SCWD    | 12.46%  | 9.970        | 12.46%     | 1.771       | 16.61%    | 1.844                | 17.94%             |
| SMWD    | 44.32%  | 35.460       | 44.33%     | 1.804       | 16.92%    | 1.755                | 17.07%             |
| Total   | 100.00% | 80.000       | 100.00%    | 10.661      | 100.00%   | 10.277               | 100.00%            |

(1) Influent billing meter summary:

- a. CSJC is metered daily in the collection system. The area-velocity meter has an accuracy of +/- 20%.
- b. MNWD is assumed to be 1.4 mgd unless Treatment Plant 3A is discharging to the sewer. If other discharges occur, they are estimated.
- c. SCWD flows are the summation of the DPSD and Victoria PS meters. The two metering systems have an accuracy of +/- 10%.
- d. 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 August, 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%         | 1.685        | 53.42%         | 1.723                | 53.69%             |
| EBS          | 0.20        | 2.99%          | 0.060        | 2.21%          | 0.080        | 2.54%          | 0.082                | 2.54%              |
| SCWD         | 2.00        | 29.85%         | 1.153        | 42.56%         | 1.389        | 44.04%         | 1.405                | 43.77%             |
| MNWD         | 1.96        | 29.25%         | 0.000        | 0.00%          | 0.000        | 0.00%          | 0.000                | 0.00%              |
| <b>Total</b> | <b>6.70</b> | <b>100.00%</b> | <b>2.709</b> | <b>100.00%</b> | <b>3.155</b> | <b>100.00%</b> | <b>3.210</b>         | <b>100.00%</b>     |

### 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                     | 0.0149               | 0.0149               | 0.1867%          | 0.0151               | 0.1915%            |
| EBS          | 0.00001              | 0.0001%            | 0.0000                     | 0.0007               | 0.0007               | 0.0089%          | 0.0007               | 0.0091%            |
| SCWD         | 0.00427              | 0.0562%            | 0.0000                     | 0.0123               | 0.0123               | 0.1539%          | 0.0123               | 0.1562%            |
| ETWD         | 0.01562              | 0.2055%            | 0.0000                     | 0.0134               | 0.0134               | 0.1677%          | 0.0143               | 0.1818%            |
| MNWD         | 7.57236              | 99.6439%           | 7.8858                     | 0.0690               | 7.9548               | 99.4829%         | 7.8344               | 99.4614%           |
| <b>Total</b> | <b>7.59942</b>       | <b>100.0000%</b>   | <b>7.8858</b>              | <b>0.1103</b>        | <b>7.9961</b>        | <b>100.0000%</b> | <b>7.8768</b>        | <b>100.0000%</b>   |

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

# SOCWA Operational Report August, 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%         | 157,112           | 13.53%          | 155,850                    | 13.35%                   |
| EBS          | 295           | 0.59%          | 177            | 0.48%          | 7,464             | 0.64%           | 7,377                      | 0.63%                    |
| SCWD         | 4,480         | 8.96%          | 3,392          | 9.16%          | 129,529           | 11.16%          | 127,097                    | 10.88%                   |
| ETWD         | 10,200        | 20.41%         | 5,305          | 14.32%         | 141,156           | 12.16%          | 147,783                    | 12.65%                   |
| MNWD         | 29,395        | 58.82%         | 23,769         | 64.16%         | 725,875           | 62.51%          | 729,683                    | 62.48%                   |
| <b>Total</b> | <b>49,975</b> | <b>100.00%</b> | <b>37,049</b>  | <b>100.00%</b> | <b>1,161,136</b>  | <b>100.00%</b>  | <b>1,167,790</b>           | <b>100.00%</b>           |

### 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%         | 1.685                    | 21.53%                 | 1.723                     | 25.68%                  |
| EBS          | 0.78%          | 0.390         | 0.78%          | 0.080                    | 1.02%                  | 0.082                     | 1.22%                   |
| ETWD         | 16.30%         | 8.151         | 16.30%         | 1.588                    | 20.29%                 | 1.339                     | 19.96%                  |
| IRWD         | 15.76%         | 7.880         | 15.76%         | 1.223                    | 15.62%                 | 0.820                     | 12.22%                  |
| MNWD         | 43.85%         | 21.924        | 43.85%         | 2.900                    | 37.04%                 | 2.284                     | 34.04%                  |
| SCWD         | 12.31%         | 6.155         | 12.31%         | 0.352                    | 4.50%                  | 0.462                     | 6.88%                   |
| <b>Total</b> | <b>100.00%</b> | <b>50.000</b> | <b>100.00%</b> | <b>7.829</b>             | <b>100.00%</b>         | <b>6.710</b>              | <b>100.00%</b>          |

## SOCWA Operational Report August 2023 (cont'd)

### *Select Critical Equipment Repairs*

#### JBL - PC2

Repaired failed polymer tank mix pump.  
Replaced failed and leaking check valve on East Grit Pump #2.  
Troubleshoot failing DAF #1 Gear Box.  
Replaced failing sump pump and piping in the SJCOO vault.  
Repaired leak on Bleach Pump #1.  
Repaired failed stairs near the DAF Area.  
Replaced the leaking sample system on the Plant 1 RAS system.  
Rebuilt the failing Digester Circulation Pump #4.

#### CTP - PC15

Replace leaking process water piping on the aeration deck.  
Replaced the failed East WAS Pump.  
Troubleshoot the noising and failing East CL2 Residual Pump.  
Replaced the failed NPW Strainer control panel.  
Troubleshoot multiple TC-3 Communication failures that occurred randomly in August and July.

#### RTP - PC17

Troubleshoot and repaired frozen RAS Pump #55.  
Repaired failed Equalization Sludge Tank Pump #4.  
Rebuilt and reinstalled a failing 3WHP Pump.  
Reconditioned DynaBlend #3.  
Replaced failed RAS Pump #5 Check Valve.  
Troubleshoot and repaired Ferric Chloride Pumps #1 and #2.  
Troubleshoot high vibration on Aeration Blower #3.  
Replaced failing NPW Strainer.

#### Support Services - ALL PC'S

Troubleshoot Digester #4 flow meter that was reading zero at JBL.  
Troubleshoot high vibration on Aeration Centrifuge #3 at JBL.  
Troubleshoot TWAS Pump #3 that was not starting in Auto at JBL.  
Replaced failing D.O. caps on Tanks #3 and #4 at JBL.  
Prepared Grit Pump #4 for removal and overhaul at JBL.  
Troubleshoot Digester #1 hot water loop flow meter at JBL.  
Troubleshoot the failed bleach control system at JBL.  
Troubleshoot the Sludge Grinder Pump that was not starting in Auto at JBL.  
Repaired the failed Plant #1 Grit Conveyor at JBL.  
Replaced failed West CL2 analyzer on the AWT at CTP.

## SOCWA Operational Report August 2023 (cont'd)

### *Select Critical Equipment Repairs (cont'd)*

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

Troubleshoot AWT effluent turbidity meter that was in alarm at CTP.

Replaced failing transformer in Building #19 MCC at CTP.

Replaced failing East WAS Pump motor at CTP.

Replaced failed D.O. caps for East Tank 2A at RTP.

Replaced failing motor on Interstage Pump #3 at RTP.

Troubleshoot RAS#5 at RTP.

Troubleshoot the failed VFD for Polymer Pumps #1, #2, and #3 at RTP.

Troubleshoot the tripping Headworks Screenings Conveyor at RTP.

Repaired TWAS Pump #1, which lost power at RTP.

Replaced failed Equalized Sludge Pump #3 and #6 motors at RTP.

# SOCWA Ocean Outfall Discharges by Agency

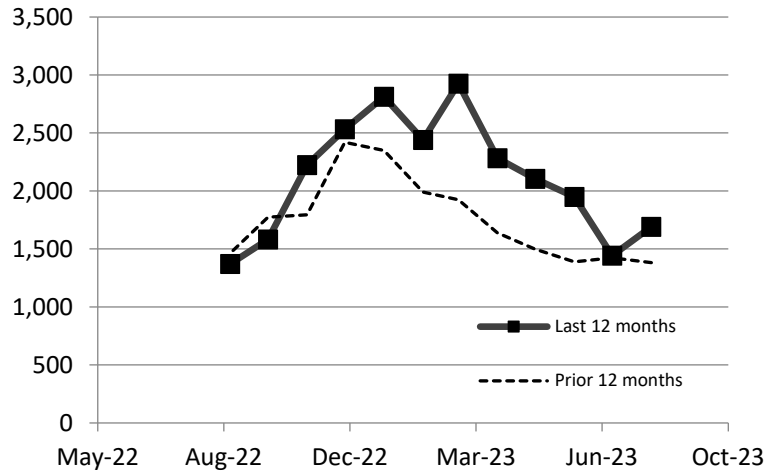


## SOCWA Operational Report August 2023 (cont'd)

| Agency                           | SJCOO (mgd) | SJCOO (%) | ACOO (mgd) | ACOO (%) | Total (mgd) |
|----------------------------------|-------------|-----------|------------|----------|-------------|
| CLB                              |             |           | 1.69       | 21.53%   | 1.69        |
| EBSB                             |             |           | 0.08       | 1.02%    | 0.08        |
| SCWD                             | 1.77        | 16.61%    | 0.35       | 4.50%    | 2.12        |
| MNWD                             | 1.77        | 16.58%    | 2.90       | 37.04%   | 4.67        |
| ETWD                             |             |           | 1.59       | 20.29%   | 1.59        |
| CSJC                             | 2.74        | 25.72%    |            |          | 2.74        |
| SMWD                             | 1.80        | 16.92%    |            |          | 1.80        |
| CSC                              | 2.58        | 24.17%    |            |          | 2.58        |
| IRWD                             |             |           | 1.22       | 15.62%   | 1.22        |
| Total                            | 10.66       | 100.00%   | 7.83       | 100.00%  | 18.49       |
| or Acre-Feet per year equivalent |             |           |            |          | 20,708      |

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

|        |        |
|--------|--------|
| Aug-23 | 1,691  |
| Jul-23 | 1,442  |
| Jun-23 | 1,949  |
| May-23 | 2,105  |
| Apr-23 | 2,282  |
| Mar-23 | 2,926  |
| Feb-23 | 2,440  |
| Jan-23 | 2,812  |
| Dec-22 | 2,532  |
| Nov-22 | 2,224  |
| Oct-22 | 1,582  |
| Sep-22 | 1,371  |
| Total  | 25,356 |



# Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

August 2023

| DATE     | IRWD<br>LOS ALISOS WRP |      |      |      | EL TORO WRP |      |      |      | SOCWA<br>REGIONAL PLANT |      |      |      | SOCWA<br>COASTAL PLANT |      |      |      | IRWD<br>IDP | IRWD<br>SGU | SCWD<br>ACWRF | ACOO<br>FLOW | Rain<br>Fall |
|----------|------------------------|------|------|------|-------------|------|------|------|-------------------------|------|------|------|------------------------|------|------|------|-------------|-------------|---------------|--------------|--------------|
|          | FLOW                   | TSS  | cBOD | SS   | FLOW        | TSS  | cBOD | SS   | FLOW                    | TSS  | cBOD | SS   | FLOW                   | TSS  | cBOD | SS   | FLOW        | FLOW        | FLOW          | MGD          | inches       |
|          | MGD                    | mg/L | mg/L | ml/L | MGD         | mg/L | mg/L | ml/L | MGD                     | mg/L | mg/L | ml/L | MGD                    | mg/L | mg/L | ml/L | MGD         | MGD         | MGD           | MGD          |              |
| 08/01/23 | No Flow                |      |      |      | 1.043       | 18.0 | 7.9  | 0.1  | 1.700                   | 7.4  | 5.0  | 0.1  | 2.714                  | 14.0 | 4.0  | <0.1 | 0.387       | 0.000       | 0.121         | 5.965        | 0.00         |
| 08/02/23 | No Flow                |      |      |      | 1.178       | 22.0 | 5.1  | <0.1 | 1.59                    | 7.8  | 6.0  | <0.1 | 2.074                  | 8.8  | 5.0  | 0.1  | 0.033       | 0.000       | 0.133         | 5.008        | 0.00         |
| 08/03/23 | No Flow                |      |      |      | 1.254       | 22.0 | 6.3  | 0.3  | 1.660                   | 5.4  | 3.0  | 0.1  | 2.515                  | 9.0  | 3.0  | 0.1  | 0.328       | 0.000       | 0.150         | 5.907        | 0.00         |
| 08/04/23 | No Flow                |      |      |      | 0.700       | 21.7 | 5.1  | 0.1  | 2.150                   | 4.2  | 3.0  | 0.1  | 2.098                  | 8.6  | 6.0  | 0.1  | 0.328       | 0.000       | 0.130         | 5.406        | 0.00         |
| 08/05/23 | No Flow                |      |      |      | 0.887       | 17.4 | 6.0  | 0.1  | 1.500                   | 5.2  | 10.0 |      | 1.770                  | 6.8  | 14.0 | 0.2  | 0.387       | 0.000       | 0.127         | 4.671        | 0.00         |
| 08/06/23 | No Flow                |      |      |      | 0.770       | 12.8 | 4.7  | 0.1  | 1.420                   | 5.4  | 4.0  | <0.1 | 2.669                  | 8.6  | 4.0  | <0.1 | 0.387       | 0.000       | 0.125         | 5.371        | 0.00         |
| 08/07/23 | No Flow                |      |      |      | 1.167       | 13.3 |      | 0.1  | 1.620                   | 9.0  | 5.0  | 0.1  | 2.671                  | 4.0  | 3.0  | 0.1  | 0.387       | 0.000       | 0.134         | 5.979        | 0.00         |
| 08/08/23 | No Flow                |      |      |      | 0.001       | 10.4 | 3.9  | 0.1  | 1.740                   | 7.8  | 2.0  | 0.2  | 1.661                  | 8.8  | 5.0  | <0.1 | 0.382       | 0.000       | 0.130         | 3.914        | 0.00         |
| 08/09/23 | No Flow                |      |      |      | 0.665       | 6.8  | 2.7  | 0.1  | 2.190                   | 5.6  | 2.0  | <0.1 | 2.311                  | 3.8  | 4.0  | <0.1 | 0.384       | 0.000       | 0.160         | 5.710        | 0.00         |
| 08/10/23 | No Flow                |      |      |      | 0.835       | 7.0  | 3.1  | 0.1  | 1.570                   | 5.2  | 3.0  | 0.1  | 2.185                  | 1.6  | 2.0  | 0.1  | 0.393       | 0.000       | 0.132         | 5.115        | 0.02         |
| 08/11/23 | No Flow                |      |      |      | 1.019       | 15.8 | 4.7  | 0.1  | 1.320                   | 5.4  | 4.0  | <0.1 | 2.275                  | 8.4  | 4.0  | <0.1 | 0.392       | 0.000       | 0.109         | 5.115        | 0.00         |
| 08/12/23 | No Flow                |      |      |      | 1.751       | 12.0 | 5.2  | 0.2  | 1.250                   | 5.6  | 8.0  |      | 2.167                  | 9.6  | 4.0  |      | 0.392       | 0.000       | 0.128         | 5.688        | 0.00         |
| 08/13/23 | No Flow                |      |      |      | 1.473       | 18.0 | 5.8  | 0.3  | 2.440                   | 6.2  |      | <0.1 | 2.344                  | 7.2  |      | <0.1 | 0.391       | 0.000       | 0.140         | 6.788        | 0.00         |
| 08/14/23 | No Flow                |      |      |      | 1.491       | 24.3 |      | 0.4  | 2.060                   | 8.4  |      | 0.1  | 2.311                  | 2.0  |      | 0.1  | 0.392       | 0.000       | 0.131         | 6.385        | 0.00         |
| 08/15/23 | No Flow                |      |      |      | 0.000       | 28.7 | 10.8 | 0.3  | 2.170                   | 7.6  | 4.0  | <0.1 | 1.872                  | 9.6  | 7.0  | <0.1 | 0.389       | 0.000       | 0.139         | 4.570        | 0.00         |
| 08/16/23 | No Flow                |      |      |      | 0.000       | 19.0 | 6.9  | 0.1  | 1.480                   | 6.2  | 7.0  | 0.1  | 1.650                  | 4.4  | 17.0 | <0.1 | 0.000       | 0.000       | 0.129         | 3.259        | 0.01         |
| 08/17/23 | No Flow                |      |      |      | 0.000       | 18.0 | 5.8  | 0.1  | 1.490                   | 5.0  | 4.0  | <0.1 | 2.404                  | 8.4  | 4.0  | <0.1 | 0.000       | 0.000       | 0.131         | 4.025        | 0.00         |
| 08/18/23 | No Flow                |      |      |      | 1.092       | 18.5 | 5.7  | <0.1 | 1.490                   | 5.4  | 7.0  | <0.1 | 1.674                  | 7.2  | 3.0  | <0.1 | 0.000       | 0.000       | 0.131         | 4.387        | 0.00         |
| 08/19/23 | No Flow                |      |      |      | 2.928       | 12.3 | 3.0  | 0.1  | 2.310                   | 4.4  | 6.0  |      | 1.457                  | 12.2 | 7.0  |      | 0.000       | 0.000       | 0.000         | 6.695        | 0.00         |
| 08/20/23 | No Flow                |      |      |      | 4.636       | 7.8  | 2.7  | <0.1 | 5.900                   | 8.6  | 5.0  | 0.3  | 2.343                  | 8.8  | 5.0  | <0.1 | 0.389       | 0.000       | 0.000         | 13.268       | 2.13         |
| 08/21/23 | No Flow                |      |      |      | 4.066       | 10.6 |      | 0.1  | 8.090                   | 6.6  | 5.0  | <0.1 | 3.855                  | 3.4  | 4.0  | 0.2  | 0.389       | 0.000       | 0.000         | 16.400       | 0.26         |
| 08/22/23 | No Flow                |      |      |      | 3.120       | 7.5  | 2.7  | 0.1  | 5.550                   | 6.0  | 3.0  | <0.1 | 3.488                  | 10.8 | 4.0  | 0.1  | 0.388       | 0.000       | 0.152         | 12.698       | 0.00         |
| 08/23/23 | No Flow                | 16.0 | 4.5  | 0.4  | 3.467       | 7.0  | 3.2  | 0.3  | 4.390                   | 6.0  | 8.0  | 0.1  | 2.866                  | 6.0  | 4.0  | <0.1 | 0.383       | 0.000       | 0.140         | 11.246       | 0.00         |
| 08/24/23 | 3.622                  | 22.0 | 6.4  | 0.4  | 2.716       | 4.4  | 2.2  | 0.2  | 5.510                   | 6.8  | 17.0 | 0.1  | 2.851                  | 1.4  | 11.0 | 0.1  | 0.391       | 0.000       | 0.156         | 15.246       | 0.00         |
| 08/25/23 | 3.823                  | 24.0 | 6.3  | 0.4  | 2.775       | 8.0  | 3.2  | 0.1  | 5.740                   | 6.8  | 7.0  | 0.1  | 1.810                  | 6.2  | 4.0  | 0.1  | 0.393       | 0.000       | 0.108         | 14.649       | 0.00         |
| 08/26/23 | 3.454                  | 23.0 | 6.5  | 0.4  | 2.589       | 9.8  | 3.4  | 0.2  | 6.650                   | 7.0  | 7.0  |      | 1.461                  | 5.6  | 5.0  |      | 0.393       | 0.000       | 0.124         | 14.671       | 0.00         |
| 08/27/23 | 3.463                  | 21.0 | 8.0  | 0.4  | 3.519       | 15.8 | 5.1  | 0.3  | 4.570                   | 7.6  |      | <0.1 | 1.354                  | 8.0  |      | <0.1 | 0.392       | 0.000       | 0.136         | 13.434       | 0.00         |
| 08/28/23 | 3.404                  | 22.0 | 7.1  | 0.4  | 1.560       | 17.2 |      | 0.2  | 3.420                   | 8.8  |      | <0.1 | 1.407                  | 3.6  |      | 0.1  | 0.393       | 0.000       | 0.136         | 10.320       | 0.00         |
| 08/29/23 | 3.394                  | 25.0 | 10.0 | 0.4  | 0.812       | 14.8 | 5.1  | 0.1  | 2.660                   | 8.2  | 4.0  | 0.1  | 1.500                  | 7.4  | 4.0  | <0.1 | 0.392       | 0.000       | 0.130         | 8.888        | 0.00         |
| 08/30/23 | 3.376                  | 22.0 | 10.0 | 0.4  | 0.746       | 14.0 | 4.3  | <0.1 | 2.070                   | 8.2  | 8.0  | <0.1 | 0.858                  | 6.6  | 4.0  | <0.1 | 0.393       | 0.000       | 0.130         | 7.573        | 0.00         |
| 08/31/23 | 3.335                  | 25.0 | 9.2  | 0.5  | 0.981       | 15.4 | 3.5  | <0.1 | 2.190                   | 6.2  | 3.0  | 0.2  | 1.034                  | 5.4  | 2.0  | <0.1 | 0.393       | 0.000       | 0.137         | 8.070        | 0.00         |
| AVG      | 0.899                  | 22.2 | 7.6  | 0.4  | 1.588       | 14.5 | 4.7  | <0.2 | 2.900                   | 6.6  | 5.6  | <0.1 | 2.118                  | 7.0  | 5.3  | <0.1 | 0.324       | 0.000       | 0.120         | 7.949        |              |
| TOTAL    | 27.87                  |      |      |      | 49.24       |      |      |      | 89.89                   |      |      |      | 65.65                  |      |      |      | 10.04       | 0.00        | 3.729         | 246.42       | 2.42         |

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: August 2023  
 REPORT DUE: October 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 09:57

Weather: Drizzle

COMMENTS: Duplicate at A-12, dogs and swimmers present at S-3

| STA# | DATE     | TIME  | Total Coliform    | Fecal Coliform    | Entero-coccus      | Material of Sewage Origin |          | 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   | 08/09/23 | 07:53 | 30                | <10               | >400               | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S4   | 08/09/23 | 10:10 | 20                | <10               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S5   | 08/09/23 | 10:00 | <10               | <10               | 2                  | None                      | None     | None         | None | Green       | 71          | Slightly Turbid |              |       |
| S6   | 08/09/23 | 09:43 | <10               | <10               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| WEST | 08/09/23 | 09:40 | <10               | <10               | 2                  | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S7   | 08/09/23 | 09:35 | 10                | <10               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S8   | 08/09/23 | 09:15 | 300               | 10                | 20                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S9   | 08/09/23 | 09:08 | 290               | 10                | 44                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| ACM1 | 08/09/23 | 08:57 | 150               | 80                | 36                 | None                      | None     | None         | None | Green       |             | Slightly Turbid | Flowing      |       |
| S10  | 08/09/23 | 08:30 | 40                | <10               | 6                  | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S11  | 08/09/23 | 08:24 | 10                | <10               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S12  | 08/09/23 | 08:17 | <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

#2

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

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

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

Tidal Condition: High Tide 09:44  
 Weather: Clear  
 COMMENTS:

| STA# | DATE     | TIME  | Total                            | Fecal                            | Entero-                         | Material of Sewage |          | Oil & Grease | Odor | Water Color | H2O Temp(F) | Water Condition | Water Outlet | Birds |
|------|----------|-------|----------------------------------|----------------------------------|---------------------------------|--------------------|----------|--------------|------|-------------|-------------|-----------------|--------------|-------|
|      |          |       | Coliform<br>CFU/100ml<br>SM9222B | Coliform<br>CFU/100ml<br>SM9222D | coccus<br>CFU/100ml<br>EPA 1600 | Onshore            | Offshore |              |      |             |             |                 |              |       |
| S3   | 08/14/23 | 07:55 | 10                               | <10                              | <2                              | None               | None     | None         | None | Green       | 70          | Clear           |              |       |
| S4   | 08/14/23 | 10:25 | <10                              | <10                              | <2                              | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S5   | 08/14/23 | 10:05 | <10                              | <10                              | 2                               | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S6   | 08/14/23 | 09:45 | <10                              | <10                              | <2                              | None               | None     | None         | None | Green       |             | Clear           |              |       |
| WEST | 08/14/23 | 09:44 | 10                               | <10                              | <2                              | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S7   | 08/14/23 | 09:41 | 10                               | <10                              | 2                               | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S8   | 08/14/23 | 09:39 | 20                               | <10                              | <2                              | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S9   | 08/14/23 | 09:34 | <10                              | <10                              | 10                              | None               | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| ACM1 | 08/14/23 | 09:25 | 10                               | 10                               | 6                               | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S10  | 08/14/23 | 09:05 | 10                               | <10                              | <2                              | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S11  | 08/14/23 | 08:50 | <10                              | 10                               | <2                              | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S12  | 08/14/23 | 08:35 | 20                               | <10                              | <2                              | None               | None     | None         | None | Green       |             | Clear           |              |       |

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

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: August 2023  
 REPORT DUE: October 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 06:21  
 Weather: Clear  
 COMMENTS:

| STA# | DATE     | TIME  | Total                      | Fecal                      | Entero-                   | Material of Sewage |          | Oil & Grease | Odor | Water Color | H2O Temp(F) | Water Condition | Water Outlet | Birds |
|------|----------|-------|----------------------------|----------------------------|---------------------------|--------------------|----------|--------------|------|-------------|-------------|-----------------|--------------|-------|
|      |          |       | Coliform CFU/100ml SM9222B | Coliform CFU/100ml SM9222D | coccus CFU/100ml EPA 1600 | Onshore            | Offshore |              |      |             |             |                 |              |       |
| S3   | 08/22/23 | 08:15 | 260                        | 20                         | 4                         | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S4   | 08/22/23 | 10:55 | 50                         | 40                         | 8                         | None               | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S5   | 08/22/23 | 10:35 | 80                         | <10                        | 6                         | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S6   | 08/22/23 | 10:15 | 190                        | 90                         | 10                        | None               | None     | None         | None | Green       |             | Clear           |              |       |
| WEST | 08/22/23 | 10:10 | 140                        | 30                         | 6                         | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S7   | 08/22/23 | 10:00 | 220                        | 40                         | 10                        | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S8   | 08/22/23 | 09:50 | 200                        | 10                         | 4                         | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S9   | 08/22/23 | 09:35 | 470                        | 170                        | 40                        | None               | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| ACM1 | 08/22/23 | 09:25 | 5100                       | 310                        | 490                       | None               | None     | None         | None | Brown       |             | Turbid          | Flowing      |       |
| S10  | 08/22/23 | 09:00 | 4700                       | 330                        | 350                       | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S11  | 08/22/23 | 08:50 | 480                        | 170                        | 38                        | None               | None     | None         | None | Green       |             | Clear           |              |       |
| S12  | 08/22/23 | 08:35 | 140                        | 50                         | 8                         | None               | None     | None         | None | Green       | 71          | 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.

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

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

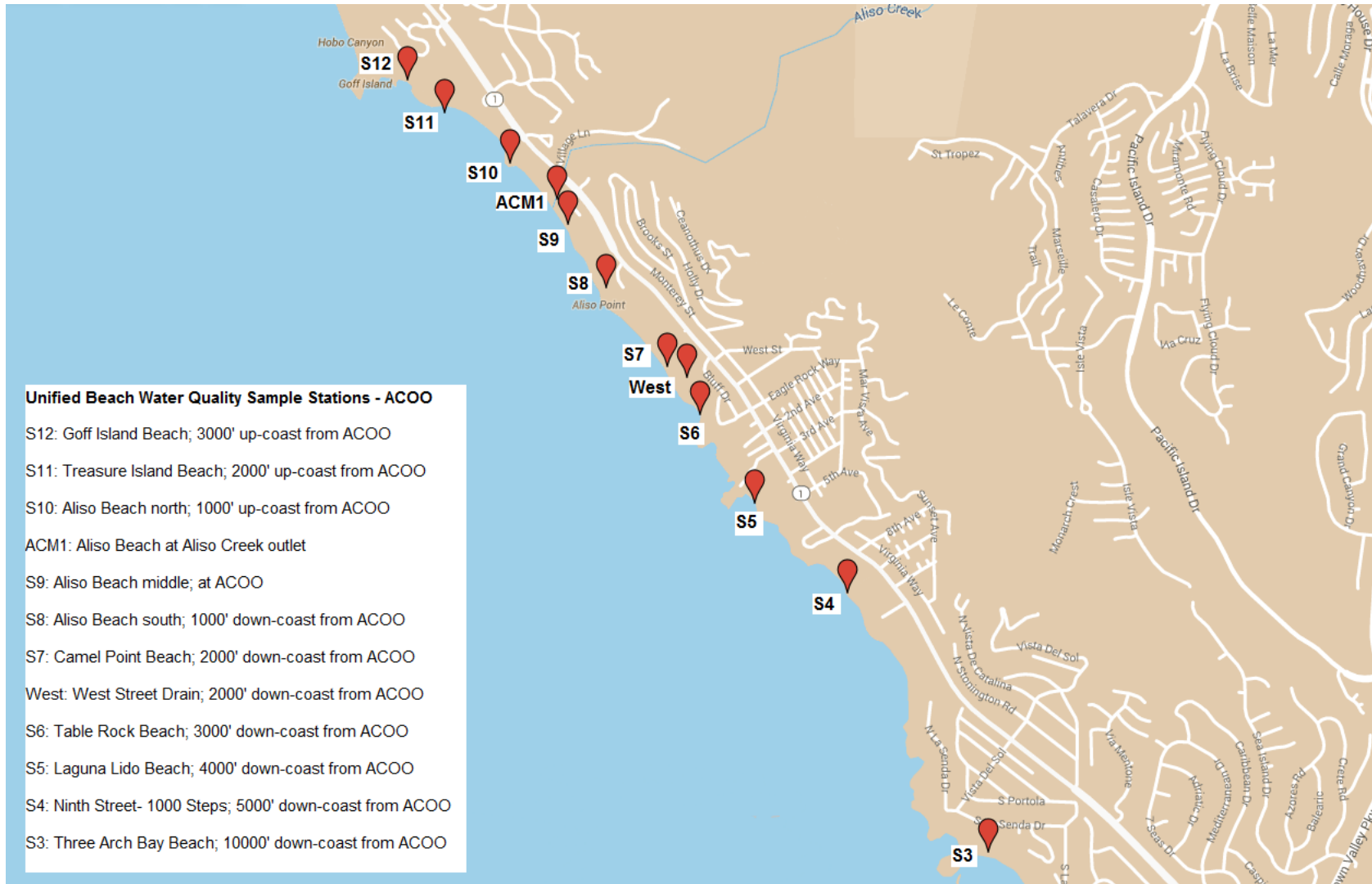
REPORT FREQUENCY: Monthly  
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan  
 SAMPLES COLLECTED BY: SOCWA Lab  
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 08:30  
 Weather: Clear  
 COMMENTS:

| STA# | DATE     | TIME  | Total                      | Fecal                      | Entero-                   | Material of Sewage |          | Oil & Grease | Odor | Water Color | H2O Temp(F) | Water Condition | Water Outlet | Birds |
|------|----------|-------|----------------------------|----------------------------|---------------------------|--------------------|----------|--------------|------|-------------|-------------|-----------------|--------------|-------|
|      |          |       | Coliform CFU/100ml SM9222B | Coliform CFU/100ml SM9222D | coccus CFU/100ml EPA 1600 | Onshore            | Offshore |              |      |             |             |                 |              |       |
| S3   | 08/28/23 | 07:58 | <10                        | 10                         | <2                        | None               | None     | None         | None | Blue        | 57          | Clear           |              |       |
| S4   | 08/28/23 | 10:13 | 10                         | <10                        | 4                         | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S5   | 08/28/23 | 10:06 | <10                        | <10                        | <2                        | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S6   | 08/28/23 | 09:57 | <10                        | <10                        | 8                         | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| WEST | 08/28/23 | 09:43 | <10                        | <10                        | 6                         | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S7   | 08/28/23 | 09:40 | <10                        | <10                        | <2                        | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S8   | 08/28/23 | 09:20 | 10                         | <10                        | <2                        | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S9   | 08/28/23 | 09:15 | <10                        | <10                        | 2                         | None               | None     | None         | None | Green       |             | Clear           |              |       |
| ACM1 | 08/28/23 | 09:00 | <10                        | <10                        | <2                        | None               | None     | None         | None | Green       |             | Slightly Turbid | Flowing      |       |
| S10  | 08/28/23 | 08:47 | <10                        | <10                        | 2                         | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S11  | 08/28/23 | 08:38 | 20                         | <10                        | 2                         | None               | None     | None         | None | Blue        |             | Clear           |              |       |
| S12  | 08/28/23 | 08:30 | <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 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: August 2023

Report Frequency: Monthly

Report Due: October 1, 2023

Sample Source: Receiving water, nearshore and offshore

Sampling Frequency: Monthly

Exact Sample Points: As specified in permit

Type of Sample: Grab

Samples Collected By: Seaventures/SOCWA staff

Samples Analyzed By: SOCWA Lab

Comments: Low Tide 0702

| Sta No. | Sample Depth | Sample Date | Total Coliform<br>CFU/100ml<br>SM9222B | Fecal Coliform<br>CFU/100ml<br>SM9222D | Enterococcus<br>CFU/100ml<br>EPA 1600 | Sample Time | Oil & Grease | Sewage Debris | 0 - None<br>1 - Mild<br>2 - Moderate<br>3 - Severe |
|---------|--------------|-------------|--|--|---------------------------------------|-------------|--------------|---------------|--|
| A-1     | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 08:23       |              |               |  |
| A-1     | Mid depth    | 08/15/23    | <10                                    | <10                                    | <10                                   |             |              |               |  |
| A-2     | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 08:00       |              |               |  |
| A-2     | Mid depth    | 08/15/23    | <10                                    | <10                                    | <10                                   |             |              |               |  |
| A-3     | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 08:12       |              |               |  |
| A-3     | Mid depth    | 08/15/23    | <10                                    | <10                                    | <10                                   |             |              |               |  |
| A-4     | Surface      | 08/15/23    | 4                                      | <2                                     | <2                                    | 08:38       |              |               |  |
| A-4     | Mid depth    | 08/15/23    | <10                                    | <10                                    | <10                                   |             |              |               |  |
| A-5     | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 08:17       |              |               |  |
| A-5     | Mid depth    | 08/15/23    | <10                                    | <10                                    | <10                                   |             |              |               |  |
| B-1     | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 07:52       |              |               |  |
| B-1     | Mid depth    | 08/15/23    | <10                                    | <10                                    | <10                                   |             |              |               |  |
| B-2     | Surface      | 08/15/23    | 4                                      | <2                                     | <2                                    | 08:52       |              |               |  |
| B-2     | Mid depth    | 08/15/23    | <10                                    | <10                                    | <10                                   |             |              |               |  |
| N1      | Surface      | 08/15/23    | 46                                     | 42                                     | 20                                    | 09:21       |              |               |  |
| N2      | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 09:17       |              |               |  |
| N3      | Surface      | 08/15/23    | <2                                     | 2                                      | 2                                     | 09:14       |              |               |  |
| N4      | Surface      | 08/15/23    | 2                                      | <2                                     | <2                                    | 09:12       |              |               |  |
| N5      | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 09:09       |              |               |  |
| N6      | Surface      | 08/15/23    | <2                                     | <2                                     | <2                                    | 09:05       |              |               |  |
| N7      | Surface      | 08/15/23    | <2                                     | <2                                     | 2                                     | 09:01       |              |               |  |

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  
Aliso Creek Ocean Outfall 2023**

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



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

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

SAN JUAN CREEK OCEAN OUTFALL MONITORING REPORT

August 2023

| DATE     | J.B. LATHAM FACILITY |             |              |            | SAN CLEMENTE WRP |             |              |            | SMWD CHIQUITA WRP |             |              |            | 3-A PLANT   |             |              |            | CSJC                    | SCWD                    | SJCOO       | Rain           |
|----------|----------------------|-------------|--------------|------------|------------------|-------------|--------------|------------|-------------------|-------------|--------------|------------|-------------|-------------|--------------|------------|-------------------------|-------------------------|-------------|----------------|
|          | FLOW<br>MGD          | TSS<br>mg/L | cBOD<br>mg/L | SS<br>ml/L | FLOW<br>MGD      | TSS<br>mg/L | cBOD<br>mg/L | SS<br>ml/L | FLOW<br>MGD       | TSS<br>mg/L | cBOD<br>mg/L | SS<br>ml/L | FLOW<br>MGD | TSS<br>mg/L | cBOD<br>mg/L | SS<br>ml/L | Desalter<br>FLOW<br>MGD | Desalter<br>FLOW<br>MGD | FLOW<br>MGD | Fall<br>inches |
| 08/01/23 | 8.490                | 7.8         | 6.7          | <0.1       | 2.454            | 7.2         | 8.0          | <0.1       | 0.000             |             |              |            | 0.013       | 8.8         | 5.8          | <0.1       | 0.510                   | No Flow                 | 12.100      | 0.00           |
| 08/02/23 | 8.310                | 6.3         | 3.0          | 0.1        | 2.284            | 7.0         | 8.0          | <0.1       | 0.001             | 1.7         | 1.8          | 0.4        | 0.187       | 6.6         | 5.2          | <0.1       | 0.510                   | No Flow                 | 11.430      | 0.00           |
| 08/03/23 | 8.240                | 7.0         | 6.7          | 0.2        | 1.773            | 6.9         | 8.0          | <0.1       | 0.000             |             |              |            | 0.022       | 6.8         | 5.0          | <0.1       | 0.500                   | No Flow                 | 11.280      | 0.00           |
| 08/04/23 | 8.190                | 9.4         | 8.3          | 0.1        | 2.568            | 7.8         | 6.0          | <0.1       | 0.000             |             |              |            | 0.020       | 7.4         | 5.6          | <0.1       | 0.500                   | No Flow                 | 11.410      | 0.00           |
| 08/05/23 | 8.280                | 25.2        | 15.3         |            | 2.051            |             | 7.0          |            | 0.000             |             |              |            | 0.017       |             |              |            | 0.500                   | No Flow                 | 11.260      | 0.00           |
| 08/06/23 | 8.290                | 32.2        | 24.1         | <0.1       | 2.200            |             |              |            | 0.000             |             |              |            | 0.014       |             |              |            | 0.500                   | No Flow                 | 11.370      | 0.00           |
| 08/07/23 | 8.190                | 39.8        | 19.2         | 0.1        | 2.166            | 9.3         | 10.0         | <0.1       | 0.000             |             |              |            | 0.009       | 9.2         | 4.5          | <0.1       | 0.460                   | No Flow                 | 11.190      | 0.00           |
| 08/08/23 | 7.870                | 32.6        | 19.9         | <0.1       | 2.716            | 8.2         | 8.0          | <0.1       | 0.000             |             |              |            | 0.021       | 7.4         | 5.8          | <0.1       | 0.480                   | No Flow                 | 11.870      | 0.00           |
| 08/09/23 | 7.870                | 12.2        | 10.0         | 0.4        | 2.884            | 7.5         | 10.0         | <0.1       | 0.019             | 0.6         | 2.8          | <0.1       | 0.008       | 7.6         | 5.5          | <0.1       | 0.480                   | No Flow                 | 11.740      | 0.00           |
| 08/10/23 | 7.880                | 11.0        | 7.7          | 0.1        | 1.849            | 7.6         | 9.0          | <0.1       | 0.000             |             |              |            | 1.316       | 7.0         | 5.5          | <0.1       | 0.490                   | No Flow                 | 11.230      | 0.02           |
| 08/11/23 | 7.860                | 16.5        | 9.3          | 0.2        | 2.116            | 6.8         | 6.0          | <0.1       | 0.000             |             |              |            | 0.042       | 10.8        | 7.4          | <0.1       | 0.490                   | No Flow                 | 12.480      | 0.00           |
| 08/12/23 | 7.870                | 13.1        | 8.4          | 0.2        | 2.469            |             | 8.0          |            | 0.000             |             |              |            | 0.064       |             |              |            | 0.490                   | No Flow                 | 11.760      | 0.00           |
| 08/13/23 | 8.240                | 18.0        |              | <0.1       | 2.072            |             |              |            | 0.000             |             |              |            | 1.825       |             |              |            | 0.490                   | No Flow                 | 11.690      | 0.00           |
| 08/14/23 | 8.260                | 12.7        |              | 0.1        | 2.556            | 9.4         | 8.0          | 0.1        | 0.000             |             |              |            | 0.486       | 9.4         | 6.0          | ND         | 0.230                   | No Flow                 | 11.440      | 0.00           |
| 08/15/23 | 8.220                | 11.0        | 8.9          | 0.1        | 2.262            | 7.0         | 7.0          | <0.1       | 0.000             |             |              |            | 0.395       | 7.8         | 5.5          | <0.1       | 0.000                   | No Flow                 | 11.290      | 0.00           |
| 08/16/23 | 8.030                | 10.8        | 6.6          | 0.2        | 2.324            | 7.0         | 7.0          | <0.1       | 0.056             | 1.5         | 3.4          | <0.1       | 0.082       | 5.8         | 4.2          | <0.1       | 0.420                   | No Flow                 | 11.160      | 0.01           |
| 08/17/23 | 8.090                | 7.9         | 6.0          | 0.1        | 1.704            | 7.9         | 6.0          | <0.1       | 0.000             |             |              |            | 0.009       | 6.0         | 4.2          | <0.1       | 0.490                   | No Flow                 | 10.970      | 0.00           |
| 08/18/23 | 7.970                | 5.3         | 5.0          | 0.1        | 1.939            | 7.9         | 6.0          | <0.1       | 0.000             |             |              |            | 0.018       | 5.4         | 4.0          | <0.1       | 0.490                   | No Flow                 | 10.570      | 0.00           |
| 08/19/23 | 7.800                | 8.0         | 6.3          |            | 1.688            |             | 7.0          |            | 0.000             |             |              |            | 0.012       |             |              |            | 0.500                   | No Flow                 | 10.440      | 0.00           |
| 08/20/23 | 7.950                | 11.7        | 9.6          | 0.1        | 2.898            |             |              |            | 0.299             | 1.1         | 5.0          | <0.1       | 1.055       |             |              |            | 0.490                   | No Flow                 | 11.710      | 2.13           |
| 08/21/23 | 11.460               | 53.6        | 29.5         | 0.1        | 4.284            | 7.8         | 6.0          | 0.1        | 0.429             | 5.3         | 6.4          | <0.1       | 1.025       | 13.2        | 7.6          | <0.1       | 0.490                   | No Flow                 | 18.470      | 0.26           |
| 08/22/23 | 9.450                | 15.3        | 8.4          | 0.1        | 3.248            | 6.2         | 6.0          | 0.1        | 0.042             | 5.0         | 4.8          | <0.1       | 0.902       | 10.6        | 7.2          | <0.1       | 0.450                   | No Flow                 | 14.860      | 0.00           |
| 08/23/23 | 8.610                | 10.2        | 6.4          | 0.1        | 3.837            | 6.1         | 3.0          | 0.1        | 0.091             | 2.0         | 3.6          | 0.2        | 0.135       | 6.2         | 4.8          | <0.1       | 0.490                   | No Flow                 | 13.930      | 0.00           |
| 08/24/23 | 8.260                | 7.8         |              | 0.2        | 3.502            | 5.2         | 3.0          | 0.1        | 0.000             |             |              |            | 0.779       | 8.8         | 6.8          | <0.1       | 0.490                   | No Flow                 | 13.020      | 0.00           |
| 08/25/23 | 8.220                | 7.9         | 6.7          | 0.1        | 3.244            | 5.8         | 4.0          | 0.1        | 0.000             |             |              |            | 1.613       | 8.0         | 5.8          | <0.1       | 0.490                   | No Flow                 | 13.110      | 0.00           |
| 08/26/23 | 8.110                |             |              |            | 3.004            |             | 6.0          |            | 0.000             |             |              |            | 0.779       |             |              |            | 0.490                   | No Flow                 | 13.590      | 0.00           |
| 08/27/23 | 8.190                | 9.3         |              | <0.1       | 3.266            |             |              |            | 0.000             |             |              |            | 0.291       |             |              |            | 0.490                   | No Flow                 | 13.320      | 0.00           |
| 08/28/23 | 8.290                | 11.0        |              | 0.1        | 2.636            | 5.5         | 7.0          | <0.1       | 0.000             |             |              |            | 0.162       | 12.8        | 7.5          | <0.1       | 0.490                   | No Flow                 | 12.440      | 0.00           |
| 08/29/23 | 8.120                | 10.5        | 7.7          | 0.1        | 2.714            | 6.0         | 6.0          | <0.1       | 0.000             |             |              |            | 0.045       | 7.6         | 5.0          | <0.1       | 0.460                   | No Flow                 | 12.450      | 0.00           |
| 08/30/23 | 7.940                | 12.6        | 8.9          | <0.1       | 2.883            | 5.6         | 7.0          | <0.1       | 0.034             | 0.7         | 1.8          | 2.0        | 0.016       | 7.4         | 5.1          | <0.1       | 0.230                   | No Flow                 | 12.080      | 0.00           |
| 08/31/23 | 7.770                | 12.9        | 5.5          | <0.1       | 2.288            | 6.8         | 8.0          | <0.1       | 0.000             |             |              |            | 0.022       | 10.2        | 6.8          | <0.1       | 0.100                   | No Flow                 | 11.050      | 0.00           |
| AVG      | 8.268                | 14.7        | 10.2         | <0.1       | 2.577            | 7.1         | 6.9          | <0.1       | 0.031             | 2.2         | 3.7          | <0.4       | 0.367       | 8.3         | 5.7          | <0.1       | 0.442                   | No Flow                 | 12.152      |                |
| TOTAL    | 256.320              |             |              |            | 79.879           |             |              |            | 0.971             |             |              |            | 11.384      |             |              |            | 13.690                  | No Flow                 | 376.710     | 2.42           |

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: Low Tide 08:42

Weather: Overcast

COMMENTS:

| STATION # | DATE     | TIME  | Total Coliform    | Fecal Coliform    | Entero-coccus      | Material of Sewage Origin |          | 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 |              |      |             |             |                 |              |       |
| S0        | 08/01/23 | 08:20 | 20                | <20               | 200                | None                      | None     | None         | None | Brown       |             | Turbid          |              |       |
| S1        | 08/01/23 | 08:30 | 20                | 20                | 6                  | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| S2        | 08/01/23 | 09:05 | <20               | <20               | 2                  | None                      | None     | None         | None | Brown       |             | Turbid          |              |       |
| DSB5      | 08/01/23 | 09:15 | 40                | 60                | 36                 | None                      | None     | None         | None | Brown       |             | Turbid          |              |       |
| S3        | 08/01/23 | 08:35 | <20               | <20               | 6                  | None                      | None     | None         | None | Green       | 73          | Turbid          |              |       |
| DSB4      | 08/01/23 | 08:35 | <20               | <20               | 100                | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| S5        | 08/01/23 | 08:45 | 20                | <20               | 6                  | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| DSB1      | 08/01/23 | 08:50 | 100               | 80                | 64                 | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| SJC1      | 08/01/23 | 08:20 | <100              | <100              | 10                 | None                      | None     | None         | None | Brown       |             | 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.

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: August 2023  
 REPORT DUE: October 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 15:41  
 Weather: Clear  
 COMMENTS: Duplicate at S-5

| STATION # | DATE     | TIME  | Total Coliform    | Fecal Coliform    | Entero-coccus      | Material of Sewage Origin |          | 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 | None         | None | None        | None        | None            | None         | None  |
| S0        | 08/08/23 | 12:56 | 40                | <20               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S1        | 08/08/23 | 13:00 | 20                | <20               | 2                  | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S2        | 08/08/23 | 13:20 | 40                | <20               | 2                  | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| DSB5      | 08/08/23 | 13:24 | 40                | 20                | 10                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S3        | 08/08/23 | 12:39 | <20               | <20               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| DSB4      | 08/08/23 | 12:36 | 20                | <20               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S5        | 08/08/23 | 12:27 | 20                | <20               | <2                 | None                      | None     | None         | None | Green       | 71          | Slightly Turbid |              |       |
| DSB1      | 08/08/23 | 12:30 | <20               | <20               | <2                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| SJC1      | 08/08/23 | 12:57 | <20               | <20               | <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.

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: High Tide 09:44

Weather: Clear

COMMENTS:

| STATION # | DATE     | TIME  | Total Coliform    | Fecal Coliform    | Entero-coccus      | Material of Sewage Origin |          | Oil & Grease |      | Water Color | H2O Temp(F) | Water Condition | Water Outlet | Birds |
|-----------|----------|-------|-------------------|-------------------|--------------------|---------------------------|----------|--------------|------|-------------|-------------|-----------------|--------------|-------|
|           |          |       | CFU/100ml SM9222B | CFU/100ml SM9222D | CFU/100ml EPA 1600 | Onshore                   | Offshore | Grease       | Odor |             |             |                 |              |       |
| S0        | 08/14/23 | 08:30 | <20               | <20               | <2                 | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| S1        | 08/14/23 | 08:40 | <20               | <20               | 2                  | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| S2        | 08/14/23 | 09:15 | 20                | <20               | <2                 | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| DSB5      | 08/14/23 | 09:25 | 20                | 20                | 2                  | None                      | None     | None         | None | Green       | 70          | Turbid          |              |       |
| S3        | 08/14/23 | 08:43 | <20               | <20               | 2                  | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| DSB4      | 08/14/23 | 08:43 | 20                | <20               | <2                 | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| S5        | 08/14/23 | 08:50 | <20               | <20               | <2                 | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| DSB1      | 08/14/23 | 08:55 | 20                | <20               | <2                 | None                      | None     | None         | None | Green       |             | Turbid          |              |       |
| SJC1      | 08/14/23 | 08:30 | <100              | <100              | <10                | None                      | None     | None         | None | Green       |             | Turbid          |              |       |

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



South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: August 2023  
 REPORT DUE: October 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 06:54  
 Weather: Clear  
 COMMENTS: Duplicate at SJC1d

| STATION # | DATE     | TIME  | Total Coliform    | Fecal Coliform    | Entero-coccus      | Material of Sewage Origin |          | 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 | None         | None | None        | None        | None            | None         | None  |
| S0        | 08/23/23 | 09:10 | 3600              | 200               | 340                | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S1        | 08/23/23 | 09:06 | 2200              | 260               | 320                | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S2        | 08/23/23 | 08:51 | 1000              | 300               | 300                | None                      | None     | None         | None | Brown       |             | Slightly Turbid |              |       |
| DSB5      | 08/23/23 | 08:38 | 4600              | 240               | 100                | None                      | None     | None         | None | Green       |             | Slightly Turbid | Flowing      |       |
| S3        | 08/23/23 | 09:30 | 200               | <20               | 20                 | None                      | None     | None         | None | Green       | 67          | Slightly Turbid |              |       |
| DSB4      | 08/23/23 | 09:34 | 100               | <20               | 20                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S5        | 08/23/23 | 09:39 | 60                | <20               | 10                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| DSB1      | 08/23/23 | 09:45 | 100               | 40                | 10                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| SJC1      | 08/23/23 | 09:17 | 3000              | 400               | 120                | None                      | None     | None         | None | Brown       |             | Slightly Turbid | Flowing      |       |

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: High Tide 09:15  
 Weather: Clear  
 COMMENTS: Duplicate at SJC1D

| STATION # | DATE     | TIME  | Total Coliform    | Fecal Coliform    | Entero-coccus      | Material of Sewage Origin |          | Oil & Grease |      | Water Color | H2O Temp(F) | Water Condition | Water Outlet | Birds |
|-----------|----------|-------|-------------------|-------------------|--------------------|---------------------------|----------|--------------|------|-------------|-------------|-----------------|--------------|-------|
|           |          |       | CFU/100ml SM9222B | CFU/100ml SM9222D | CFU/100ml EPA 1600 | Onshore                   | Offshore | Grease       | Odor |             |             |                 |              |       |
| S0        | 08/29/23 | 09:12 | 400               | 100               | 200                | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S1        | 08/29/23 | 09:06 | 20                | 40                | 20                 | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| S2        | 08/29/23 | 09:38 | 400               | 300               | 640                | None                      | None     | None         | None | Green       |             | Slightly Turbid |              |       |
| DSB5      | 08/29/23 | 09:30 | 20                | 20                | 10                 | None                      | None     | None         | None | Green       |             | Slightly Turbid | Flowing      |       |
| S3        | 08/29/23 | 08:26 | 20                | 20                | 32                 | None                      | None     | None         | None | Green       |             | Clear           |              |       |
| DSB4      | 08/29/23 | 08:22 | <20               | <20               | 2                  | None                      | None     | None         | None | Green       |             | Clear           |              |       |
| S5        | 08/29/23 | 08:07 | 20                | <20               | 4                  | None                      | None     | None         | None | Green       | 66          | Clear           |              |       |
| DSB1      | 08/29/23 | 08:10 | <20               | <20               | 2                  | None                      | None     | None         | None | Green       |             | Clear           |              |       |
| SJC1      | 08/29/23 | 08:41 | <1000             | <100              | 20                 | None                      | None     | None         | None | Green       |             | Slightly Turbid | Flowing      |       |

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



## 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: August 2023

Report Frequency: Monthly

Report Due: October 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 10:23

| 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 |              |
|-------------|--------------|-------------|----------------------------------|----------------------------------|---------------------------------|-------------|--------------|---------------|--------------|
| A-1         | Surface      | 08/16/23    | <2                               | <2                               | <2                              | 08:13       |              |               | 0 - None     |
| A-1         | Mid depth    | 08/16/23    | 50                               | 20                               | <10                             |             |              |               | 1 - Mild     |
| A-2         | Surface      | 08/16/23    | 2                                | <2                               | <2                              | 08:17       |              |               | 2 - Moderate |
| A-2         | Mid depth    | 08/16/23    | 90                               | 50                               | <10                             |             |              |               | 3 - Severe   |
| A-3         | Surface      | 08/16/23    | <2                               | <2                               | <2                              | 08:25       |              |               |              |
| A-3         | Mid depth    | 08/16/23    | 50                               | <10                              | <10                             |             |              |               |              |
| A-4         | Surface      | 08/16/23    | <2                               | <2                               | <2                              | 08:35       |              |               |              |
| A-4         | Mid depth    | 08/16/23    | 210                              | 40                               | 20                              |             |              |               |              |
| A-5         | Surface      | 08/16/23    | <2                               | <2                               | <2                              | 08:29       |              |               |              |
| A-5         | Mid depth    | 08/16/23    | 230                              | 160                              | 10                              |             |              |               |              |
| B-1         | Surface      | 08/16/23    | 2                                | <2                               | <2                              | 08:02       |              |               |              |
| B-1         | Mid depth    | 08/16/23    | 40                               | <10                              | 10                              |             |              |               |              |
| B-2         | Surface      | 08/16/23    | <2                               | <2                               | <2                              | 08:45       |              |               |              |
| B-2         | Mid depth    | 08/16/23    | <10                              | <10                              | <10                             |             |              |               |              |
| N1          | Surface      | 08/16/23    | 20                               | <2                               | <2                              | 07:45       |              |               |              |
| N2          | Surface      | 08/16/23    | <2                               | <2                               | <2                              | 07:41       |              |               |              |
| N3          | Surface      | 08/16/23    | 34                               | <2                               | <2                              | 07:35       |              |               |              |
| N4          | Surface      | 08/16/23    | 110                              | 10                               | <2                              | 07:29       |              |               |              |
| N5          | Surface      | 08/16/23    | 22                               | 6                                | 2                               | 07:26       |              |               |              |
| N6          | Surface      | 08/16/23    | 6                                | 2                                | <2                              | 07:22       |              |               |              |

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           |         |

# Recycled Water Report

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: Aug 31, 2023

| Constituent          | Units | 12-month Avg<br>Maximum<br>Permit Limit | TCWD<br>12-month<br>Average | SMWD Oso<br>12-month<br>Average | SMWD Chiquita<br>12-month<br>Average | SMWD Nichols<br>12-month<br>Average | MNWD-3A<br>12-month<br>Average | MNWD-RTP<br>12-month<br>Average | SCWD-CTP<br>12-month<br>Average<br><br>*** |
|----------------------|-------|---|-----------------------------|---------------------------------|--------------------------------------|-------------------------------------|--------------------------------|---------------------------------|--|
| TDS                  | mg/L  | 1000                                    | 1038                        | Offline                         | 845                                  | 865                                 | 1115                           | 1275                            | 1026                                       |
| Chloride             | mg/L  | 375                                     | 232                         | Offline                         | 215                                  | 231                                 | 207                            | 277                             | 277  |
| Sulfate              | mg/L  | 400                                     | 373                         | Offline                         | 217                                  | 208                                 | 340                            | 362                             | 315  |
| Sodium               | mg/L  | None                                    | 53                          | Offline                         | 153                                  | 168                                 | -                              | 198                             | 165  |
| Alkalinity           | mg/L  | None                                    | -                           | Offline                         | -                                    | -                                   | -                              | 281                             | 195  |
| Adjusted SAR         | Ratio | None                                    | 4.36                        | Offline                         | 4.71                                 | 5.30                                | 3.70                           | 4.55                            | 4.28                                       |
| Iron                 | mg/L  | 0.3                                     | .01                         | Offline                         | .10                                  | .01                                 | .15                            | .22                             | .11  |
| Manganese            | mg/L  | 0.05                                    | .01                         | Offline                         | .03                                  | .01                                 | 0.09                           | .12                             | .08  |
| MBAS                 | mg/L  | 0.5                                     | ND                          | Offline                         | ND                                   | ND                                  | <0.03                          | <0.05                           | <0.05                                      |
| Boron                | mg/L  | 0.75                                    | .30                         | Offline                         | .30                                  | .28                                 | .36                            | .32                             | .25  |
| Fluoride             | mg/L  | None                                    | .64                         | Offline                         | .68                                  | .83                                 | .74                            | .86                             | .83  |
| Total Organic Carbon | mg/L  | None                                    | 6.10                        | Offline                         | 12.00                                | 7.00                                | 2.30                           | 9.90                            | 7.20                                       |

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

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

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

| Agency | Facility or Region | Jan '23 | Feb '23 | Mar '23 | Apr '23 | May '23 | Jun '23 | Jul '23 | Aug '23 | Sep '23 | Oct '23 | Nov '23 | Dec '23 | Annual Totals |
|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------------|
| CSJC 1 | 3-A Plant/MNWD     | .00     | .00     | -1.79   | -8.63   | .00     | .00     | .00     | .00     |         |         |         |         | -10.42        |
| CSJC 2 | Chiquita/SMWD      | .29     | 4.74    | .71     | 25.98   | 35.03   | 47.21   | 52.09   | 41.00   |         |         |         |         | 207.05        |
| CSJC 3 | Non-Domestic Wel   | 10.40   | 27.80   | 5.70    | 11.90   | 20.08   | 19.50   | 53.65   | 37.73   |         |         |         |         | 186.76        |
| ETWD   | Region 8           | 16.43   | 40.04   | 12.22   | 89.54   | 99.75   | 147.99  | 240.39  | 179.40  |         |         |         |         | 825.76        |
| IRWD   |                    |         |         |         |         |         |         |         |         |         |         |         |         |               |
| 4      | IRWD - 8           | 21.73   | 53.01   | 10.23   | 48.46   | 96.69   | 119.50  | 189.89  | 189.89  |         |         |         |         | 729.39        |
| 4      | IRWD - 9           | 8.13    | 22.80   | 2.69    | 29.28   | 44.09   | 51.61   | 79.05   | 79.05   |         |         |         |         | 316.71        |
| SCWD   | SOCWA CTP          | 5.64    | 44.41   | 9.09    | 40.22   | 59.37   | 65.93   | 82.77   | 107.40  |         |         |         |         | 414.82        |
| MNWD   | JRP                | 174.19  | 247.35  | 149.73  | 297.08  | 407.52  | 309.19  | 568.27  | 474.36  |         |         |         |         | 2627.68       |
|        | 3-A Plant          | 130.46  | 6.55    | .00     | 57.46   | 148.14  | 146.82  | 146.43  | 133.23  |         |         |         |         | 769.09        |
| 5      | CTP                | 1.07    | 4.00    | .00     | .00     | -32.42  | -38.93  | -30.03  | 4.43    |         |         |         |         | -91.87        |
| SMWD   | Oso Creek          |         |         |         |         |         |         |         |         |         |         |         |         |               |
|        | Chiquita           | 546.20  | 452.32  | 555.10  | 489.33  | 498.88  | 494.18  | 496.02  | 512.11  |         |         |         |         | 4044.15       |
|        | Nichols            | 1.50    | 1.35    | 1.52    | 1.34    | 1.47    | 1.52    | 1.90    | 2.15    |         |         |         |         | 12.75         |
| TCWD   | RRWRP              | 56.19   | 37.03   | 34.85   | 28.41   | 39.18   | 27.57   | 40.74   | 43.35   |         |         |         |         | 307.32        |
| TOTALS |                    | 972.20  | 941.41  | 780.04  | 1110.37 | 1417.78 | 1392.09 | 1921.17 | 1804.09 |         |         |         |         | 10339.14      |

- 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.E.

**Legal Counsel Review:** No

**Meeting Date:** October 5, 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 – September 2023  
San Juan Creek Ocean Outfall  
NPDES Permit #CA0107417 Order # R9-2022-0005  
Aliso Creek Ocean Outfall  
NPDES Permit #CA0107611 Order # R9-2022-0006

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## Summary of Program Activities

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

## Permit Related Activities

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

SCWD – NSWD Permit No. SCWD-N4-010 for Three Arch Bay (TAB) – The NSWD Permit and Agreement between TAB AND SCWD is set to expire October 15, 2023, when all diversions are also required to be closed. It is SOCWA’s understanding that SCWD Staff are working to amend and extend the existing Agreement or create a new Agreement. Once finalized, a new NSWD Permit will be issued and will reflect all diversions, including any new diversions, prior to diverting nuisance water during the next dry weather season in 2024.

SCWD - Burnham-Ward Properties LLC - The County of Orange - Dana Point Harbor Revitalization Project – On July 26, 2022, Staff received a SWD Permit Application to discharge water encountered during construction activities over a three-year period. SOCWA provided a response letter to the application on September 19, 2022, stating concerns and a request for additional documentation and monitoring data. The applicant submitted additional monitoring data on January 31, 2023. During an in-person meeting with applicant and its Staff on February 8, 2023, SOCWA relayed the need to further study the impact to its JBL facility, as recommended by the Carollo JBL TP Salt Study, and figure treatment costs should discharge to the sewer commence. The applicant agreed to pay for the additional study and sign a commitment letter stating such. A scope of work from Carollo Engineering for the model and study was provided on May 11, 2023, to the applicant for review. SOCWA has received no correspondence from the applicant since.

CLB – SWD Permit No. CLB-4-002 – Rivian Automotive, LLC. – SWD Permit to allow groundwater encountered during trenching efforts to be discharged to the sewer. SOCWA received an application on May 31, 2023, and has been in active discussion with the applicant and the City regarding permit provisions. The discharge is expected to occur for a two-week period. However, more time will be granted to account for unanticipated delays. Staff expect to issue a 60-day permit effective October 1, 2023.

SMWD – SWD Permit No. SMWD-4-001 CSJC Dewatering Permit – SWD Permit to allow groundwater encountered during trenching efforts to be discharged to the sewer. The city submitted a SWD Permit Application on August 22, 2023, requesting allowance to discharge groundwater to the sewer as needed while completing a streambank construction project located at the Mission Riding Park. Groundwater will be first be used for dust control and secondly, discharged to the sewer. Construction is set to begin October 9, 2023, and to end shortly after the 2024 new year. Staff aims to issue the permit by October 1, 2023.

CSC – WD Permit No. CSC-1NS-003 Glaukos - On August 26, 2023, SOCWA received a WD Permit Application for a second and new facility site for Glaukos, located at 236 Avenida Fabricante, San Clemente, 92672. Staff is in the process drafting a non-significant categorical industrial user (NSCIU) WD Permit for issuance.

### **Trainings and Committee Meetings Attended**

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

### **Inspections**

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

CSC – On September 19, 2023, Staff inspected the Glaukos facility located at 229 Avenida Fabricante as well as the new Glaukos facility located at 236 Avenida Fabricante in the CSC. The inspections yielded no major findings and both sites are compliant with all permit requirements.

MNWD - On September 19, 2023, Staff inspected the Glaukos facilities located at 1 & 2 Glaukos Way in Aliso Viejo. The inspections yielded no major findings, and all facilities remain compliant with all permit requirements.

SCWD – Staff is actively investigating the source of medical catheters found periodically in the wastewater influent of plant 2 at the JB Latham Treatment Plant and has reached out to OC Health South County Medical Waste Inspector for assistance.

SOCWA – Staff was recently made aware of a new mobile business, South OC Bin Cleaning, operating within the SOCWA jurisdiction and is actively working to contact the owners and verify where the wastewater is being hauled and disposed of. Staff reached out to CSC and Laguna Niguel Code Enforcement Staff for assistance and have left messages for the business asking them to make contact.

**Enforcement**

MNWD – On September 19, 2023, Staff issued a warning notice of non-compliance (WNON) to the SMWD Groundwater Recovery Facility located at 32470 Paseo Adelanto, San Juan Capistrano, CA 92675 for failing to analyze TDS and TSS during the July 2023 monitoring period as required by the permit. The August 2023 monitoring results include measurements for TDS and TSS. SOCWA considers this enforcement action resolved.

**Summary of IWS Activities in SOCWA’s Service Area - YTD through September 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)       | 0          | 10        | 35         | 18         | 181         | 1265        | 37         | 1         | 1           | 1546        |
| CSJC (S)      | 39         | 0         | 27         | 59         | 141         | 1689        | 28         | 11        | 0           | 1944        |
| ETWD (M)      | 0          | 3         | 88         | 0          | 262         | 131         | 50         | 0         | 0           | 487         |
| EBSU (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)      | 83         | 6         | 120        | 38         | 645         | 2128        | 149        | 19        | 1           | 3086        |
| SMWD (S)      | 45         | 10        | 19         | 20         | 213         | 831         | 52         | 7         | 0           | 1146        |
| 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           |
| <b>Totals</b> | <b>171</b> | <b>49</b> | <b>387</b> | <b>168</b> | <b>1668</b> | <b>7288</b> | <b>366</b> | <b>38</b> | <b>3</b>    | <b>9879</b> |

(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.F.

**Board of Directors Meeting**

**Meeting Date:** October 5, 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 (*September*)

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

### **J.B. Latham Package B**

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

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

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

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

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

### **Aliso Creek Ocean Outfall Internal Seal Replacement Project**

*Replacement of five seals inside the outfall:*

The contract was awarded in July, and staff has started coordinating with the dive contractor. Staff has been in communication with agency representatives to plan for shutdowns. The first dive has been completed on September 22<sup>nd</sup>.

**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  |
| <b>PC 2 - J.B. Latham Treatment Plant</b>  |   |              |                            |              |     |     |     |              |     |     |     |
| 3220/3231/3287                             | Facility Improvements B                                     | \$ 2,400,000 | Construction complete      |              |     |     |     |              |     |     |     |
| 32234L                                     | Chlorine Contact Basin Isolation Gates and Structural Rehab | \$ -         |                            |              | D   | B&A | C   | C            |     |     |     |
| 32231C                                     | Process Water Repiping                                      | \$ -         |                            | P            | P   | P   |     |              |     |     |     |
| 3216/32225S                                | Energy Building Upgrades                                    | \$ -         |                            |              | D   | D   | D   |              |     |     |     |
| 3252                                       | MCC M and G Replacement                                     | \$ 1,000,000 | Design underway            | B&A          | B&A | B&A | B&A | B&A          | C   | C   | C   |
| 3234                                       | Centrate Piping Reconstruction                              | \$ 150,000   | Design underway            | D            | B&A | C   | C   | C            | C   |     |     |
| 32226L                                     | Effluent Pump Station Upgrades                              | \$ 200,000   |                            |              | D   | D   | B&A | C            | C   | C   | C   |
| 32233S                                     | Scum Line Replacement                                       | \$ 125,000   |                            |              | D   | B&A | C   | C            |     |     |     |
| 32244S                                     | Digester Gas and Flare Piping Improvements                  | \$ 75,000    |                            |              |     | P   | P   | D            | D   | D   | D   |
| 32243L                                     | Plant 2 Headworks Rehabilitation                            | \$ 200,000   |                            |              |     | D   | D   | D            | D   | B&A | C   |
| 32244L                                     | Plant 2 Primary Clarifier Condition Assessment              | \$ 50,000    |                            |              |     |     |     | CA           |     |     |     |
| 32243C                                     | SCADA Server Replacement                                    | \$ 200,000   |                            |              |     |     |     |              |     |     |     |
| <b>PC 5 - San Juan Creek Ocean Outfall</b> |   |              |                            |              |     |     |     |              |     |     |     |
| 362410                                     | SJCOO Outfall Ballast Repairs                               | \$ 250,000   |                            |              | P   | P   | D   | D            | D   | B&A | C   |
| <b>PC 15 - Coastal Treatment Plant</b>     |   |              |                            |              |     |     |     |              |     |     |     |
| 3541                                       | Export Sludge Environmental Mitigation                      | \$ -         | Mitigation work ongoing    | ENV          | ENV | ENV | ENV | ENV          | ENV | ENV | ENV |
| 35228L                                     | Aeration Diffuser Replacement                               | \$ 1,250,000 | Diffusers delivered        | B&A          | C   | C   | C   |              |     |     |     |
| 3525                                       | Personnel Building Reconstruction                           | \$ 400,000   | Design underway            | D            | D   | B&A | C   | C            |     |     |     |
| 35221L                                     | Auxiliary Blower Building Roof                              | \$ 50,000    |                            |              | B&A | C   | C   |              |     |     |     |
| 3522AL                                     | Drainage Pump Station                                       | \$ 200,000   | Conceptual design underway | D            | D   | D   | D   | D            | D   | B&A | C   |
| 35235L                                     | Odor Control Scrubber Improvements                          | \$ 100,000   |                            |              | D   | D   | D   |              |     |     |     |
| 35245L                                     | Aeration Deck Grating Replacement                           | \$ 50,000    |                            |              | D   | D   | B&A | C            | C   |     |     |
| 35246L                                     | West Primary Sludge Skimmers and Launderers/Weirs           | \$ 150,000   |                            |              | D   | D   | D   | B&A          | C   | C   | C   |
| 35247L                                     | Aeration Blower System Upgrades                             | \$ 75,000    |                            |              | P   | P   |     |              |     |     |     |
| 35248L                                     | AWMA Road Repairs   | \$ 200,000   |                            |              | P   | B&A | C   | C            |     |     |     |
| 35249L                                     | SCADA Server Replacement                                    | \$ 200,000   |                            |              |     |     |     |              |     |     |     |

SOCWA CIP Workplan

| Project Number                            | Project Name                                | FY 24 Budget | Status                   | FY 2023/2024 |    |     |     | FY 2024/2025 |     |    |       |
|---|---|--------------|--------------------------|--------------|----|-----|-----|--------------|-----|----|-------|
|   |   |              |                          | Q1           | Q2 | Q3  | Q4  | Q1           | Q2  | Q3 | Q4    |
| <b>PC 17 - Regional Treatment Plant</b>   |   |              |                          |              |    |     |     |              |     |    |       |
| 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   |                          |              |    |     |     |              |     |    |       |
| <b>PC 21 - Effluent Transmission Main</b> |   |              |                          |              |    |     |     |              |     |    |       |
| 3105/3106                                 | Air Valve Replacement (D&E)                 | \$ 75,000    | Design underway          |              | D  | D   | B&A | C            | C   |    |       |
| 3101                                      | Trail Bridge Crossing (D)                   | \$ 150,000   | Planning/design underway |              | P  | P   | P   | P            |     |    |       |
| <b>PC 24 - Aliso Creek Ocean Outfall</b>  |   |              |                          |              |    |     |     |              |     |    |       |
| 3480                                      | Internal Seal Replacement                   | \$ 250,000   |                          |              | C  | C   |     |              |     |    |       |
| 34241O                                    | ACOO Outfall Ballast Repairs                | \$ 250,000   |                          |              |    | P   | P   | D            | D   | D  | B&A C |

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

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

# Agenda Item

# 5.G.

**Board of Directors Meeting**

**Meeting Date:** October 5, 2023

**TO:** Board of Directors

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

**STAFF CONTACTS:** Roni Grant, Associate Engineer

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

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## Overview

This agenda item provides an update on projects in construction, including any change orders. Attached are the updated CIP reports. Please note that there is one new change order for the CTP AWMA Road Guardrail Replacement project.

## Project Updates

### JBL Package B

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

### CTP AWMA Road Guardrail Replacement

The work was started and completed this month. There is one new change order for this project.

A silt fence was installed by OCPW to prevent runoff from entering the creek during the winter rains. The silt fence was installed directly in front of one of the guardrails that needed to be replaced. The cost to remove and reinstall 300 LF of silt fence for a total of \$2,940. Also included in the change order is an adjustment based on the actual length of guardrail replaced. The bid items specified 290 LF and 220 LF, but the actual lengths were 300 LF and 225 LF, resulting in an extra \$870 and \$535 of costs.

- Change Order 1 for \$4,345

### ACOO Internal Seal Replacement

The contract was awarded at the July Board meeting. The first dive is scheduled for the night of September 21, 2023. All impacted facilities have been notified, and we will continue to coordinate with them through the completion of the shutdown.

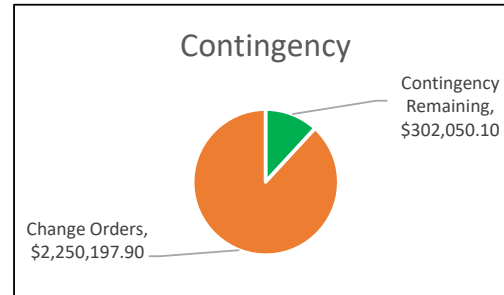
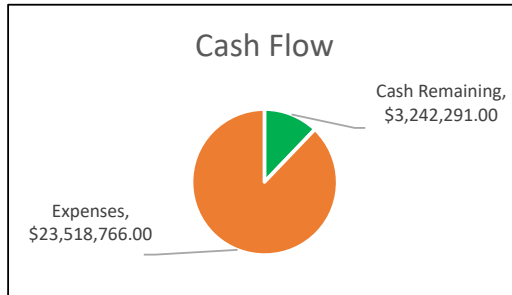
**Recommended Action:** The Engineering Committee recommends that the PC 15 Board of Directors approve Change Order 1 for \$4,345 to DC Hubbs Construction for the CTP AWMA Guardrail Replacement project.

**Project Financial Status**

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

**Data Last Updated**

August 28, 2023



**Cash Flow**

|           |                  |
|-----------|------------------|
| Collected | \$ 26,761,057.00 |
| Expenses  | \$ 23,518,766.00 |

**Project Completion**

|          |      |
|----------|------|
| Schedule | 100% |
| Budget   | 99%  |

**Contracts**

| Company           | PO No. | Original                | Change Orders*         | Amendments             | Total                   | Invoiced                |
|-------------------|--------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|
| Olsson            | 13497  | \$ 17,325,000.00        | \$ 1,301,867.89        |                        | \$ 18,626,867.89        | \$ 18,626,868.23        |
| Butier            | 13647  | \$ 895,727.00           |                        | \$ 1,005,251.00        | \$ 1,900,978.00         | \$ 1,897,894.50         |
| Carollo           | 13616  | \$ 846,528.00           |                        | \$ 616,037.00          | \$ 1,462,565.00         | \$ 1,390,775.16         |
| TetraTech         | 13605  | \$ 94,000.00            |                        | \$ -                   | \$ 94,000.00            | \$ 93,884.70            |
| Ninyo & Moore     | 14279  | \$ 49,399.00            |                        | \$ 30,000.00           | \$ 79,399.00            | \$ 50,166.27            |
| ADS Environmental | 16452  | \$ 107,200.00           | \$ -                   |                        | \$ 107,200.00           | \$ 61,875.00            |
| Dudek             | 17401  | \$ 48,360.00            |                        | \$ -                   | \$ 48,360.00            | \$ 42,160.00            |
|                   |        | <b>\$ 19,366,214.00</b> | <b>\$ 1,301,867.89</b> | <b>\$ 1,651,288.00</b> | <b>\$ 22,319,369.89</b> | <b>\$ 22,163,623.86</b> |

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

**Contingency**

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

\*\* Amount reflects contingency for Construction Contracts only

**Summary of New Change Orders**

| Change Order No    | MNWD | SCWD | SMWD | \$ Amount |
|--------------------|------|------|------|-----------|
| <b>Grand Total</b> |      |      |      |           |

**Change Orders and Amendments**

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

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

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



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

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

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

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

| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                                | <u>Status Date</u> | <u>Days</u> | <u>Amount</u>        |
|-------------------------|--------------------|-------------------|---|--------------------|-------------|----------------------|
| 1ESDC Solids            | Carollo            | 3287-000          | ESDC Change Order No. 1                           | 6/3/2021           |             | \$ 100,151.00        |
| 1G Common               | Ninyo & Moore      | 3231-000          | Geotechnical Services Change Order No. 1          | 2/3/2022           |             | \$ 5,400.00          |
| 1G Liquids              | Ninyo & Moore      | 3220-000          | Geotechnical Services Change Order No. 1          | 2/3/2022           |             | \$ 12,300.00         |
| 1G Solids               | Ninyo & Moore      | 3287-000          | Geotechnical Services Change Order No. 1          | 2/3/2022           |             | \$ 12,300.00         |
| 2CM Liquids             | Butier             | 3220-000          | CM Change Order No 2                              | 5/12/2022          |             | \$ 196,268.00        |
| 2CM Solids              | Butier             | 3287-000          | CM Change Order No. 2                             | 5/12/2022          |             | \$ 196,268.00        |
| 2ESDC Common            | Carollo            | 3231-000          | ESDC Change Order No. 2                           | 12/9/2021          |             | \$ 11,075.00         |
| 2ESDC Liquids           | Carollo            | 3220-000          | ESDC Change Order No. 2                           | 12/9/2021          |             | \$ 196,440.00        |
| 2ESDC Solids            | Carollo            | 3287-000          | ESDC Change Order No. 2                           | 12/9/2021          |             | \$ 180,905.00        |
| <b>Potential Change</b> |                    |                   |   |                    | <b>0</b>    | <b>\$ 555,698.72</b> |
| PCO 005                 | Olsson             | 3287-000          | TWAS Slab Modifications                           | 8/10/2023          | 0           | \$ 75,180.19         |
| PCO 018                 | Olsson             | 3287-000          | Electrical Potholing for Ductbank Conflicts       | 8/10/2023          | 0           | \$ 147,333.65        |
| PCO 038                 | Olsson             | 3287-000          | Existing Valves at Digester 4 Heat Exchanger      | 8/10/2023          | 0           | \$ 1,633.45          |
| PCO 047                 | Olsson             | 3287-000          | Digester 3/4 Control Building Tee Replacement     | 8/10/2023          |             | \$ 5,000.00          |
| PCO 054                 | Olsson             | 3220-000          | Plant 1 Primary Effluent Channel Wall Corrosion   | 8/10/2023          | 0           | \$ 6,877.38          |
| PCO 055                 | Olsson             | 3287-000          | Additional Concrete Repair behind Digesters 1 & 2 | 8/10/2023          |             | \$ 7,500.00          |

| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                                   | <u>Status Date</u> | <u>Days</u> | <u>Amount</u> |
|-------------------------|--------------------|-------------------|--|--------------------|-------------|---------------|
| PCO 058                 | Olsson             | 3220-000          | Aluminum Kickplate at Aeration Basins                | 8/10/2023          | 0           | \$ 66,617.84  |
| PCO 061                 | Olsson             | 3220-000          | Steel Plate Coating and Blasting Extra Work          | 8/10/2023          | 0           | \$ 26,011.51  |
| PCO 063                 | Olsson             | 3220-000          | Concrete Repair at Secondary Basin Drive Units       | 8/10/2023          |             | \$ 8,000.00   |
| PCO 064                 | Olsson             | 3220-000          | Effluent Channel FA Duct Footing Conflicts           | 8/10/2023          |             | \$ 5,000.00   |
| PCO 068                 | Olsson             | 3287-000          | Chopper Pump Impeller Issues                         | 8/10/2023          | 0           | \$ 405.11     |
| PCO 070                 | Olsson             | 3220-000          | Tread Plate-Slide Gate Conflicts at Effluent Channel | 8/10/2023          |             | \$ 5,000.00   |
| PCO 071                 | Olsson             | 3220-000          | Effluent Channel Unforeseen Existing Conduit         | 8/10/2023          |             | \$ 5,000.00   |
| PCO 072                 | Olsson             | 3287-000          | Existing Conflicts at DAFT 2 Stairs                  | 8/10/2023          | 0           | \$ 183.37     |
| PCO 075                 | Olsson             | 3220-000          | Bypass Pumping Plan Issues                           | 8/10/2023          | 0           | \$ 82,602.06  |
| PCO 083                 | Olsson             | 3220-000          | Replacing the P1 Head Shaft Plate                    | 8/10/2023          | 0           | \$ 21,828.73  |
| PCO 095                 | Olsson             | 3287-000          | Foul Air Rerouting at DAFT 2                         | 8/10/2023          | 0           | \$ 2,201.62   |
| PCO 098                 | Olsson             | 3220-000          | Bypass Pumping Plan Issues                           | 8/10/2023          | 0           | \$ 112,458.59 |
| PCO 106                 | Olsson             | 3287-000          | DAFT 2 Isolation Valve                               | 8/10/2023          | 0           | \$ 660.19     |
| PCO 109                 | Olsson             | 3220-000          | P1P Influent Channel Scum Gate Openings              | 8/10/2023          | 0           | \$ 7,485.69   |
| PCO 121                 | Olsson             | 3287-000          | DAFT 1 Additional Repair - Flange                    | 8/10/2023          |             | \$ 3,000.00   |
| PCO 143                 | Olsson             | 3287-000          | Revisions to DG Line                                 | 8/10/2023          |             | \$ 3,000.00   |
| PCO 152                 | Olsson             | 3231-000          | Lab Building Footing Demolition                      | 8/10/2023          | 0           | \$ 6,537.01   |

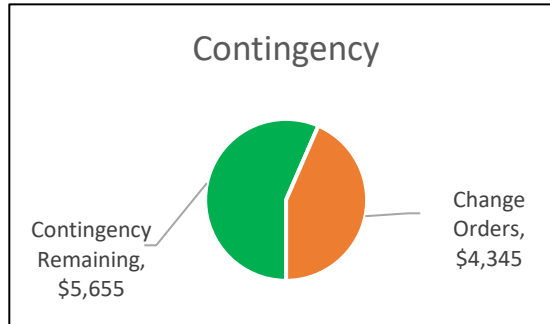
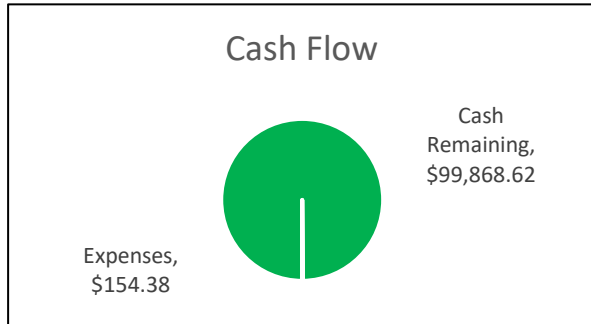
| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                                     | <u>Status Date</u> | <u>Days</u> | <u>Amount</u>          |
|-------------------------|--------------------|-------------------|--|--------------------|-------------|------------------------|
| PCO 154                 | Olsson             | 3287-000          | Delete Hysafe A Frame Structure                        | 8/10/2023          | 0           | \$ (18,133.38)         |
| PCO 155                 | Olsson             | 3287-000          | Delete Digester 1 and 2 Coated Foam Roofing            | 8/10/2023          | 0           | \$ (60,018.62)         |
| PCO 156                 | Olsson             | 3287-000          | DAFT 2 Sludge Pump Investigation Work                  | 8/10/2023          | 0           | \$ 2,949.48            |
| PCO 157                 | Olsson             | 3220-000          | Plant 1 Primary Influent Gates and Concrete Demolition | 8/10/2023          | 0           | \$ 2,857.86            |
| PCO 158                 | Olsson             | 3287-000          | DAFT water pipe relocation                             | 8/10/2023          | 0           | \$ 4,440.75            |
| PCO 159                 | Olsson             | 3220-000          | Plant 2 Influent Channel ledger changes                | 8/10/2023          | 0           | \$ 5,127.14            |
| PCO 160                 | Olsson             | 3287-000          | DAFT 2 buried obstructions                             | 8/10/2023          | 0           | \$ 2,141.75            |
| PCO 161                 | Olsson             | 3220-000          | Plant 2 Primary Headshaft Replacement                  | 8/10/2023          | 0           | \$ 12,268.07           |
| PCO 162                 | Olsson             | 3287-000          | Digester 1/2 Control Building Ceiling Demo             | 8/10/2023          | 0           | \$ 1,798.04            |
| PCO 163                 | Olsson             | 3220-000          | Demo and Cleanup Plant 1 Secondary Basin 3             | 8/10/2023          | 0           | \$ 1,969.66            |
| PCO 164                 | Olsson             | 3220-000          | Plant 2 Secondary Valve Hardware Replacement           | 8/10/2023          | 0           | \$ 781.58              |
| <b>Grand Total</b>      |                    |                   |  |                    | <b>191</b>  | <b>\$ 3,525,569.86</b> |

**Project Financial Status**

**Data Last Updated**

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

|                 |
|-----------------|
| August 28, 2023 |
|-----------------|



**Cash Flow**

|           |               |
|-----------|---------------|
| Collected | \$ 100,023.00 |
| Expenses  | \$ 154.38     |

**Project Completion**

|          |     |
|----------|-----|
| Schedule | 98% |
| Budget   | 0%  |

**Construction Contracts**

| Company        | PO No. | Original            | Change Orders      | Amendments  | Total               | Invoiced    |
|----------------|--------|---------------------|--------------------|-------------|---------------------|-------------|
| Danny C. Hubbs | 18886  | \$ 48,770.00        | \$ 4,345.00        |             | \$ 53,115.00        | \$ -        |
|                |        |                     |                    |             | \$ -                | \$ -        |
|                |        | <b>\$ 48,770.00</b> | <b>\$ 4,345.00</b> | <b>\$ -</b> | <b>\$ 53,115.00</b> | <b>\$ -</b> |

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

**Construction Contingency**

| Area    | Project Code | Amount              | Change Orders      | Total Remaining    | Percent Used |
|---------|--------------|---------------------|--------------------|--------------------|--------------|
| Liquids | 3528-000     | \$ 10,000.00        | \$ 4,345.00        | \$ 5,655.00        | 43.5%        |
|         |              | <b>\$ 10,000.00</b> | <b>\$ 4,345.00</b> | <b>\$ 5,655.00</b> | <b>43.5%</b> |



**Change Orders**

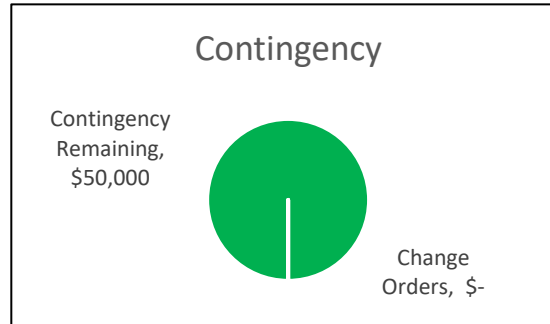
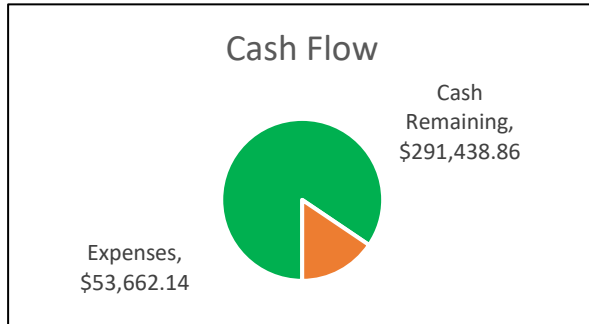
| <u>Change Order No.</u>  | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>              | <u>Status Date</u> | <u>Days</u> | <u>Amount</u>      |
|--|--------------------|-------------------|---------------------------------|--------------------|-------------|--------------------|
| <b>Within Contingency, to be reviewed by Engineering Committee</b> |                    |                   |                                 |                    | <b>0</b>    | <b>\$ 4,345.00</b> |
| 1  | Danny C. Hubbs     | 3528-000          | Remove and Reinstall Silt Fence | 9/14/2023          | 0           | \$ 4,345.00        |

**Project Financial Status**

**Data Last Updated**

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

|                 |
|-----------------|
| August 28, 2023 |
|-----------------|



**Cash Flow**

|           |               |
|-----------|---------------|
| Collected | \$ 345,101.00 |
| Expenses  | \$ 53,662.14  |

**Project Completion**

|          |     |
|----------|-----|
| Schedule | 32% |
| Budget   | 5%  |

**Construction Contracts**

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

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

**Construction Contingency**

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

# Agenda Item

# 6.A.

**Board of Directors Meeting**

**Meeting Date:** October 5, 2023

**TO:** Board of Directors

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

**STAFF CONTACTS:** Roni Grant, Associate Engineer

**SUBJECT:** Contract Amendment for Design of Effluent Transmission Main Air Valve Replacement Project [Project Committee 21]

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## Overview

The Effluent Transmission Main (ETM) system includes combination air-vacuum / air release valves at high points along the pipeline. These valves are original and are ready to be replaced along with the laterals that connect them to the ETM. In 2020, Tetra Tech was contracted to design the replacement of nine of these valves and laterals on Reaches D and E of the ETM. The project was paused during 2020/2021 and resumed in 2022.

## Background

The original scope for the project excluded potholing, utility investigation, and coordination with property owners. Additionally, during the review of the 50% plans, Staff realized that two of the air valves are at locations that necessitate more detailed investigations. SOCWA engineering staff requested support from Tetra Tech to provide these services. Tetra Tech prepared the attached proposal that includes:

- Potholing in Alicia Parkway (Valve #11).
- Evaluating alternatives to replacement at Valve #14 (located within the Aliso and Wood Canyons Wilderness Park).
- Optional task to provide additional potholing support should it be needed.
- Optional task to redesign the replacement of Valve #14 should it be necessary.

## Cost Analysis

This project is split between two project numbers: 3107-000 (Reach D) and 3108-000 (Reach E). Both projects have sufficient funds collected to cover the cost of this amendment. Table 1 below shows the cost breakdown by member agency for the tasks associated with Reach D, Reach E, and the total.

Table 1 – Cost Allocation

| Member Agency                 | Reach D<br>Tasks | Reach E<br>Tasks | Total       |
|-------------------------------|------------------|------------------|-------------|
| El Toro Water District        | \$8,150.00       | \$9,059.81       | \$17,209.81 |
| Irvine Ranch Water District   | \$8,150.00       | \$9,059.81       | \$17,209.81 |
| Moulton Niguel Water District | \$-              | \$20,780.38      | \$20,780.38 |
| Total                         | \$16,300.00      | \$38,900.00      | \$55,200.00 |

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

This item was reviewed by the Engineering Committee on September 14, 2023.

**Recommended Action:** The Engineering Committee recommends 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.

# Agenda Item

# 6.B.

**Board of Directors Meeting**

**Meeting Date:** October 5, 2023

**TO:** Board of Directors

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

**STAFF CONTACT:** Roni Grant, Associate Engineer

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

## Overview

The aeration diffusers for the Coastal Treatment Plant (CTP) have exceeded their useful life and are in need of replacement. SOCWA pre-purchased the new diffusers in 2021. The diffusers were delivered earlier this year and the invitation for bids was published on August 24, 2023.

The design consultant, Hazen and Sawyer, submitted a proposal to provide engineering services during construction (ESDC). The scope of services includes the following:

- Responding to RFIs
- Reviewing submittals
- Reviewing change order requests
- Preparing record drawings
- Site visits
- Project management

## Cost Analysis

The proposed cost for these services is \$68,580. The cost allocation by member is shown in Table 1. Project 35228L-000 has a budget of \$1,250,000 this year for the construction and ESDC services.

Table 1 – Cost Allocation

| Member Agency                 | <b>35228L-000</b> |
|-------------------------------|-------------------|
| City of Laguna Beach          | \$25,998.99       |
| Emerald Bay Service District  | \$2,047.16        |
| Moulton Niguel Water District | \$20,062.21       |
| South Coast Water District    | \$20,471.64       |
| Total                         | \$68,580.00       |

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

This item was reviewed by the Engineering Committee on September 14, 2023.

**Recommended Action:** The Engineering Committee recommends that the 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.

# Agenda Item

# 7.A.

**Board of Directors Meeting**

**Meeting Date:** October 5, 2023

**TO:** Board of Directors

**FROM:** Jim Burror, Acting General Manager

**STAFF CONTACT:** Amber Baylor, Director of Environmental Compliance

**SUBJECT:** El Toro Water District Direct Potable Reuse Strategic Plan  
Support for WaterSMART Planning and Project Design Grant Application  
for FY 2023-2024

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## Introduction

The El Toro Water District (ETWD) is applying for a grant award for a direct potable reuse project to develop up to 2.3 million gallons per day. ETWD reached out to ask if SOCWA would be interested in a workshop associated with the project and to sign a letter of support. The letter for consideration by the SOCWA Board is attached to this agenda item.

**Recommended Action:** Staff recommends that the SOCWA Board to sign the letter in support of the ETWD grant application.



South Orange County Wastewater Authority

October 5, 2023

Bureau of Reclamation  
Water Resources and Planning Office  
Attn: Ms. Irene Hoiby  
Mail Code: 86-6300  
P.O. BOX 25007  
Denver, CO 80225-0007

RE: El Toro Water District Direct Potable Reuse Strategic Plan  
Support for WaterSMART Planning and Project Design Grant Application for FY 2023-2024

Dear Ms. Hoiby,

SOCWA is a seven-member joint powers authority acting as the responsible authority overseeing two ocean outfalls and operating three wastewater treatment facilities. SOCWA's service area includes oversight of fifteen treatment plant effluents serving 500,000 people in two watersheds in South Orange County. El Toro Water District (ETWD) is one of the seven member agencies of SOCWA.

This letter is to express support for the WaterSMART grant application submitted by the El Toro Water District (ETWD), seeking funding assistance for development of a Direct Potable Reuse (DPR) Strategic Plan to generate a new source of supply through advanced treatment of wastewater at ETWD's Water Recycling Plant (WRP). The Project would locally develop up to 2.3 million gallons per day of potable water and similarly reduce ocean discharge.

Currently, the majority of water districts in South Orange County rely entirely on imported supplies conveyed from Metropolitan Water District. These water districts collaboratively participated in the development of the 2018 South Orange County Integrated Regional Water Management Plan (IRWMP), which encourages pursuit of recycled water projects, such as the DPR Strategic Plan proposed by ETWD. The ETWD DPR Strategic Plan supports the following three pillars of the IRWMP: increasing water supply reliability and efficiency, improving water quality, and protecting and enhancing natural resources. The Plan will be developed through a collaborative, stakeholder-driven process involving elected officials, city representatives, neighboring water districts, and community members.

SOCWA plans to participate in ETWD's planned stakeholder engagement to explore potential partnerships to leverage the region's investment in recycled water. SOCWA shares ETWD's goal of reducing the region's dependence on imported water.

We respectfully request that ETWD's application be given a favorable review, which would support the region in improving water supply reliability and drought resilience.

Sincerely,

Matt Collings, SOCWA Board Chair

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

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



# Agenda Item

# 7.B.

|   |
|---|
| <b>Budgeted:</b> \$93,600                   |
| <b>Line Item:</b> PC-2,15, and 17 Line 5076 |
| <b>Legal Counsel Review:</b> No             |
| <b>Meeting Date:</b> October 5, 2023        |

**TO:** Board of Directors

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

**SUBJECT:** Rockwell TechConnect Support Agreement Renewal (via OneSource Distributors Inc.) for \$76,992.00 [Project Committee Nos. 2, 15, and 17]

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## Summary

This agenda item provides a recommendation for awarding a contract for the annual renewal of the SCADA system operating licenses for the three Treatment Plants.

## Discussion/Analysis

The SCADA system for the Treatment Plants monitors many of the Treatment Plants' processes, allows operators to change set points, and notifies O&M staff when operating parameters are out of designated ranges.

This vital system's cost exceeded the General Manager's purchasing authority of \$50,000 for the first time. OneSource Distributors Inc. is the authorized vendor of the Rockwell system employed at SOCWA and is the only vendor available to SOCWA for this renewal. This and other related SCADA expenses are budgeted in the SCADA Infrastructure lines for Project Committee Nos. 2 (JBL), 15(CTP), and 17(RTP).

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

None

## Fiscal Impact

Per SOCWA's Uniform Purchasing Policy and Procedures, sole source and non-discretionary purchases over \$50,000 are to be reviewed and approved by the Board of Directors. The allocation by Member Agency is presented below:

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|           | Total       | Common Allocation |
|-----------|-------------|-------------------|
| PC2-JBL   |             |                   |
| MNWD      | \$5,735.90  | 22.35%            |
| SCWD      | \$6,267.15  | 24.42%            |
| SMWD/CSJC | \$13,660.95 | 53.23%            |
| Subtotal  | \$25,664.00 | 100.00%           |

|          | Total       | Liquids/<br>Common Allocation |
|----------|-------------|-------------------------------|
| PC15-CTP |             |                               |
| CLB      | \$9,729.22  | 37.91%                        |
| EBSD     | \$767.35    | 2.99%                         |
| MNWD     | \$7,506.72  | 29.25%                        |
| SCWD     | \$7,660.70  | 29.85%                        |
| Subtotal | \$25,664.00 | 100.00%                       |

|          | Total       | Common Allocation |
|----------|-------------|-------------------|
| PC17-RTP |             |                   |
| CLB      | \$1,609.13  | 6.27%             |
| EBSD     | \$84.69     | 0.33%             |
| ETWD     | \$2,633.13  | 10.26%            |
| MNWD     | \$20,051.28 | 78.13%            |
| SCWD     | \$1,285.77  | 5.01%             |
| Subtotal | \$25,664.00 | 100.00%           |

| Agency Totals | Total       |
|---------------|-------------|
| CLB           | \$11,338.36 |
| EBSD          | \$852.04    |
| ETWD          | \$2,633.13  |
| MNWD          | \$33,293.91 |
| SCWD          | \$15,213.62 |
| SMWD/CSJC     | \$13,660.95 |
| Totals        | \$76,992.00 |

**Recommended Action:** Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to execute the Rockwell TechConnect Support Agreement with OneSource Distributors Inc. to renew SOCWA’s SCADA system licenses in the amount of \$76,992.00.