

I hereby certify that the following Agenda was posted at least 24 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.



Betty Burnett, General Manager
SOCWA and the Board of Directors thereof

AGENDA

*Special Meeting
of the
South Orange County Wastewater Authority
Board of Directors*

To Be Held by Teleconference on:
December 9, 2021
8:30 a.m.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. 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 **TWENTY-FOUR (24)** HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST **TWENTY-FOUR (24)** HOURS PRIOR TO THE SCHEDULED MEETING.

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 TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN **TWENTY-FOUR (24)** HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

FOR MEETING PARTICIPATION:

Join Zoom Meeting

<https://socwa.zoom.us/>

Meeting ID: 830 4812 5225
Passcode: 791139

One tap mobile

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AGENDA

1. **CALL MEETING 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.

PAGE NO

4. **CONSENT CALENDAR**

- A. Minutes of Board Meeting 1

1. Board of Directors Minutes October 7, 2021
2. Board of Directors Closed Session Minutes November 9, 2021

ACTION The Board will be requested to approve subject Minutes as submitted.

- B. Minutes of Executive Committee Meeting 8

- Executive Committee Closed Session Minutes November 9, 2021

ACTIONS The Executive Committee will be requested to approve subject Minutes as submitted; and the Board of Directors will be requested to receive and file subject Minutes.

- C. Minutes of PC 17 Committee Meeting9

- PC 17 Committee Minutes October 1, 2021

ACTIONS The PC 17 Committee will be requested to approve subject Minutes as submitted; and the Board of Directors will be requested to receive and file subject Minutes.

- D. Minutes of Engineering Committee Meeting 11

- Engineering Committee Minutes September 9, 2021

ACTION The Board of Directors will be requested to receive and file subject Minutes as submitted.

E. Financial Reports for the Month of October 2021 15

The reports included are as follows:

1. Summary of Disbursements for October 2021 (Exhibit A)
 - ***The October Disbursements did not include payment amounts to West Yost.***
2. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
3. Schedule of Cash and Investments (Exhibit C)
4. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
5. 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 to the Board of Directors to ratify the October 2021 disbursements for the period from October 1, 2021, through October 31, 2021, totaling \$3,394,133, and to receive and file the October 2021 Financial Reports as submitted.

F. Q1 FY 2021-22 Cash Roll Forward as of September 30, 2021 33

ACTION The Finance Committee recommends to the Board of Directors to receive and file the Q1 Fiscal Year 2021-22 Cash Roll Forward as submitted.

G. Fiscal Year 2020-21 Supplemental Financial Statements 47

ACTION The Finance Committee recommends to the Board of Directors to receive and file the Supplemental Financial Statements for Fiscal Year ended June 30, 2021.

H. Final Annual Comprehensive Financial Report ACFR for Fiscal Years ended June 30, 2021 and 2020 (***Separate Item***) 64

ACTION The Finance Committee recommends to the Board of Directors to receive and file the Annual Comprehensive Financial Report (ACFR) including the Independent Auditors Report for Fiscal Years ended June 30, 2021, and 2020.

- I. Final Use Audit FY 2020-21 Budget vs. Actual including UAL and OPEB Annual Expense Distribution by Member Agencies and Cash Roll Forward as of June 30, 2021 (*Separate Item*) 69

ACTION The Finance Committee recommends to the Board of Directors to approve FY 2020-21 Use Audit and collection from and payments to SOCWA member agencies consistent with the results of the Use Audit as presented; and to receive and file the Cash Roll Forward as of June 30, 2021.

- J. October 2021 Operations Reports80
 - 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

ACTION The Board will be requested to receive and file the October Operations Reports.

- K. Capital Improvement Program Status Report122

ACTION Information Item

- L. Capital Improvement Program Project Financial Status and Change Orders [Project Committees 2, and 15]128

ACTION The Engineering Committee recommends to the PC-2 Board of Directors to approve Olsson Construction Change Order 31 for (\$15,903.00), Change Order 32 for \$6,132.27, Change Order 33 for \$18,147.07, and Change Order 34 for \$12,383.89 for a total of \$20,759.23 and a revised contract value of \$18,537,518.51 for the J.B. Latham Package B project.

- M. Emergency Preparedness Partnerships147

- 1. MOU for Use of Countywide Mass Notification System

ACTION Staff recommends that the Board of Directors authorize the General Manager to execute the MOU in order to allow SOCWA’s continued use of Orange County’s Countywide Mass Notification System under the terms and conditions of the County’s Countywide Mass Notification System Operating Guidelines and vendor-provided agreements, commencing on July 1, 2021, through December 30, 2024.

- 2. 800 MHz Radios Joint Agreement

ACTION Staff recommends that the Board of Directors ratify the General Manager’s approval and authorize the adoption of the 800 MHz Joint Agreement by the Partner Agency Governing Authorities in order for SOCWA to continue utilizing the 800 MHz Radio System.

3. Orange County Operational Area Agreement (***Separate Item***)

ACTION Staff recommends that the SOCWA Board of Directors authorize approval and adoption of the 2020 Orange County Operational Area Agreement with the County of Orange and Political Subdivisions by completing and submitting the signature page (Attachment D).

5. ENGINEERING MATTERS

- A. Contract Amendment for the J.B. Latham Treatment Plant Package B Engineering Services during Construction [Project Committee 2]175

ACTION The Engineering Committee recommends to the PC 2 Board to approve the contract amendment to Carollo in the amount of \$388,420 for a total revised contract amount of \$1,462,565 for the Engineering Services during Construction for the J.B. Latham Package B Project.

6. GENERAL MANAGER’S REPORTS

- A. Contract Extension Award to Athens Services for Grit Hauling and Disposal Services [Project Committees 2, 15, and 17]177

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

- B. Contract Extension Award to Integrated Municipal Systems, LLC. for Scrubber Maintenance Services [Project Committees 2, 15, and 17]181

ACTION Staff recommends award of a 1-year contract extension to Integrated Municipal Systems, LLC. for scrubber maintenance services at the following rates, plus applicable taxes.

- C. Enrollment RTP Contract Pad Project [Project Committee 17].....185

ACTION Staff recommends: 1) the PC17 Board Members authorize the General Manager to award a Construction Contract for the Concrete Pad Project at RTP to the lowest responsive bidder with a not to exceed value of \$60,000; 2) Upon Construction Contract award, the SOCWA General Manager will notify the SOCWA Board Chair and PC17 Board Members and present the results at the next scheduled Engineering Committee and Board of Directors meetings; and 3) Approve a construction contingency of \$3,000 (5% the Construction Contract) for unforeseen conditions discovered during the implementation of the Construction Contract.

D. Contract Extension Award to Synagro for Biosolids Management at Nursery Products [Project Committees 2 and 17].....188

ACTION Staff recommends the Board authorize the General Manager to continue the use of the Nursery Product contract for Biosolids management for years 6 to 10 of the contract.

E. Contract Extension Award to Synagro for Biosolids Management at the South Industrial Complex in Kern County [Project Committee 2 & 17]192

ACTION Staff recommends the Board authorize the General Manager to continue the use of the Synagro South Industrial Complex in Kern County for Biosolids management for years 6 to 10 of the contract, plus monthly adjustments (+/-) for actual diesel fuel prices and automatic annual CPI adjustment in the following 4 years.

F. Cogeneration Emission Testing Review196

ACTION Staff recommends the Board of Directors approval in the use of:

1. Atmospheric Analysis and Consulting services in the amount not to exceed \$60,000 per fiscal year for the term of two years, and
2. Atmospheric Analysis and Consulting services in the amount not to exceed \$22,000 per fiscal year for the term of two years.

G. 2021/2022 Region IX Kelp Survey Consortium.....198

ACTION Staff recommends to the Board of Directors to authorize the General Manager to enter into the Region IX Kelp Survey Consortium 2021-2022 contract with MBC Aquatic Sciences.

H. Water Quality Monitoring and Testing Services200

ACTION Staff recommends the Board of Directors approval in the use of:

1. Sierra Analytical in the amount not to exceed \$45,000 per fiscal year for the term of three years,
2. Enthalpy Analytical in the amount not to exceed \$55,000 per fiscal year for the term of three years, and
3. SeaVentures in the amount not to exceed \$50,000 per fiscal year for the term of three years.

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I. Environmental Services, Supplies, and Equipment.....202

ACTION Staff recommends the Board of Directors approval in the use of:

1. the Idexx Corporation in the amount not to exceed \$30,000 per fiscal year for the term of three years,
2. Microtech Scientific in the amount not to exceed \$150,000 per fiscal year for the term of three years,
3. MCR Technologies the amount not to exceed \$30,000 per fiscal year for the term of three years,
4. Teledyne Industries the amount not to exceed \$35,000 per fiscal year for the term of three years, and
5. ADS Environmental Services the amount not to exceed \$50,000 per fiscal year for the term of three years.

J. Professional Environmental Services204

ACTION Staff recommends the Board of Directors approval in the use of:

1. per fiscal year for the term of three years,
2. the Dudek Environmental firm in the amount not to exceed \$30,000 per fiscal year for the term of three years, and
3. Dr. Michael Welch’s services in the amount not to exceed \$15,000 per fiscal year for the term of three years.

K. Contract Management Software206

ACTION Staff recommends to the Board of Directors to authorize the General Manager to enter a contract with Agiloft, Legacy New Ventures, and Blackbaud to procure software and implementation of Agiloft Contract Lifecycle Management software.

L. AB 361 – Allowing for Virtual Meetings – Findings and Approval to continue virtual meetings208

ACTION The staff recommends the Board of Directors approve the findings and actions:

1. The Board hereby FINDS AND DECLARES that it has reconsidered the circumstances of the proclaimed state of emergency declared by the Governor on March 4, 2020 relating to the Covid-19 pandemic;
2. Based on the information provided in this staff report and pursuant to the information and discussion presented in the December 9, 2021 Board meeting, the Board hereby FINDS AND DECLARES that the state of emergency continues to directly impact the ability of the members to meet safely in person; and/or that state and/or

local officials continue to impose or recommend measures to promote social distancing;

3. The Board hereby makes these findings and approves for the upcoming 30-day period, December 9, 2021 to January 8, 2022, regular and special meetings of the SOCWA Board and its Standing Committees and Project Committees will continue to be virtual meetings held in accordance with AB 361'S Public Notice and Public Participation requirements.
4. Staff is hereby directed to notice the January 6, 2022 board meeting as a virtual meeting if the proclaimed state of emergency remains, and to place AB 361 findings on the agenda for consideration at that meeting so that the Board can at that point in time make a determination regarding whether as a result of the emergency, meeting in person would continue to present imminent risks to the health or safety of attendees.

M. Consideration of Approval of Unapproved Minutes, Disbursements and Financial Reports228

1. Minutes of the Regular Meeting of September 2, 2021
 - i. Includes recording of the Board action to ratify the June 2021 disbursements, which included payments to West Yost
2. Minutes of the Finance Committee of September 21, 2021
 - i. Board requested Action is to "receive and file"
 1. Includes the approved recommendation of the Finance Committee to the Board to ratify the July 2021 disbursements
3. Financial Reports for the Month of July 2021
 - i. Includes disbursements that included West Yost Payments
 - ii. Finance Committee previously recommended to the Board to approve the disbursements (at 9/21/21 Fin Com Meeting)
 - iii. Board requested to approve the disbursements and receive and file the reports
4. Financial Reports for the Month of August 2021
 - i. Includes disbursements that included West Yost Payments
 - ii. Finance Committee previously recommended to the Board to approve the disbursements (at the 10/19/21 Fin Com Meeting)
 - iii. Board requested to approve the disbursements and receive and file the reports
5. Minutes of the Finance Committee of October 19, 2021
 - i. Includes the approved recommendation of the Finance Committee to the Board to ratify the August 2021 disbursements

ACTION: Following discussion with Counsel, Staff recommends the Board and consider taking action to approve the above minutes, referenced disbursements and receive and file related reports.

N. General Counsel's Updates.....

- a. All Hands Meeting re Withdrawal Proposals - January 28, 2022
- b. Update Regarding West Yost Conflicts Analysis

PAGE NO

O. General Manager's Report283

6. Review of Proposed Meeting Calendar beginning January 2022 – Asst
Secretary to Board, Danita Hirsh

ACTION Information Items, Board Discussion and Direction

8. OTHER MATTERS

Open discussion or items received too late to be agendized.

Note: Determine the need to take action on the following item(s) introduced by the
General Manager 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 this are present a unanimous vote.]

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING
JANUARY 6, 2022

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

DRAFT

October 7, 2021

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors was held on October 7, 2021, at 8:30 a.m. at 26880 Aliso Viejo Parkway, Aliso Viejo, California, and via Zoom. The following members of the Board of Directors were present in-person and via Zoom Meeting:

MIKE DUNBAR	Emerald Bay Service District	Director	
KATHRYN FRESHLEY	El Toro Water District	Director	
MATT COLLINGS	Moulton Niguel Water District	Director	
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director	
PAUL COOK	Irvine Ranch Water District	Alternate Director	[exited @ 10:00 a.m./returned at 10:03 a.m.]
*TONI ISEMAN	City of Laguna Beach	Director	[exited @ 9:45 a.m.]
DAN FERONS	Santa Margarita Water District	Director	
SCOTT GOLDMAN	South Coast Water District	Director	
DAVE REBENS DORF	City of San Clemente	Director	
*DAVID SHISSLER	City of Laguna Beach	Alternate Director	Due to time constraints, Director Iseman exited at 9:45 a.m., and deferred to Alternate Director Shissler as representative of City of Laguna Beach.

Absent:

HOWARD HART City of San Juan Capistrano

Staff Present:

BETTY BURNETT	General Manager
JIM BURROR	Director of Operations
MARY CAREY	Finance Controller
JASON MANNING	Director of Engineering
RONI YOUNG	Associate Engineer
AMBER BAYLOR	Director of Environmental Compliance
KONSTANTIN SHILKOV	Senior Accountant
NADYN KIM	Accounting
ANNA SUTHERLAND	Accounts Payable
DINA ASH	HR Administrator
JEANETTE COTINOLA	Contracts/Procurement Manager
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law
BRAD NEUFELD	Varner & Brandt Law
STEPHEN JEPSEN	Southern California Alliance of POTW's
SHERRY WANNINGER	Moulton Niguel Water District
TREVOR AGRELIUS	Moulton Niguel Water District
KAY HAVENS	El Toro Water District
DENNIS CAFFERTY	El Toro Water District
RICK SHINTAKU	South Coast Water District
JASON HAYDEN	El Toro Water District

1. CALL TO ORDER

Chairman Collings called the meeting to order at 8:30 a.m.

2. PLEDGE OF ALLEGIANCE – Director Kathryn Freshley

3. ORAL COMMUNICATIONS

None

4. CONSENT CALENDAR

Ms. Hirsh stated a correction to the agenda index for item 4d. Director Dopudja pulled agenda items 4a, and 4e.

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Freshley to approve the remainder of the Consent Calendar Agenda items as follows:

(4B through 4D, and 4F through 4M)

- 4B. Minutes of Executive Committee August 31, 2021
- 4C. Minutes of PC 23 Committee August 23, 2021
- 4D. Minutes of Finance Committee August 17, 2021
- 4F. August 2021 Operations Reports
- 4G. Capital Improvement Program Status Report
- 4H. Capital Improvement Program Project Financial Status and Change Orders [Project Committees 2, and 15]
- 4I. Second GFOA Award for Excellence in Financial Reporting for Comprehensive Annual Financial Report for Fiscal Year ended June 30, 2020.

Motion carried:	Aye 9, Nay 0, Abstained 0, Absent 1
	Director Dunbar Aye
	Director Freshley Aye
	Director Dopudja Aye
	Director Collings Aye
	Director Cook Aye
	Director Iseman Aye
	Director Bunts Aye
	Director Goldman Aye
	Director Hart Absent
	Director Rebensdorf Aye

4E. Financial Reports for the Month of July 2021

ACTION TAKEN

Motion was made by Director Ferons and seconded by Director Goldman to table the Financial Reports for the Month of July 2021 to the November Board meeting.

Motion carried:	Aye 8, Nay 0, Abstained 0, Absent 2
	Director Dunbar Aye
	Director Freshley Aye
	Director Dopudja Aye
	Director Collings Aye

Director Cook	Aye
Director Iseman	Absent
Director Bunts	Aye
Director Goldman	Aye
Director Hart	Absent
Director Rebensdorf	Aye

5. ENGINEERING MATTERS

A. J.B. Latham Treatment Plant Package B Liquids Contingency [Project Committee 2]

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Ferons to approve the addition of \$300,000 of contingency to the J. B. Latham Package B Liquids Project (3220-000) for a total Liquids contingency of \$916,800 and to increase the project budget by \$300,000 to \$3,150,000 for the 21/22 FY Capital Budget.

Motion carried:	Aye 3, Nay 0, Abstained 0, Absent 1
Director Collings	Aye
Director Ferons	Aye
Director Goldman	Aye
Director Hart	Absent

B. Consequence of Failure Analysis for the Coastal Treatment Plant [Project Committees 2, 15, and 17]

Mr. Jason Manning, Director of Engineering gave a presentation on the Consequence of Failure Analysis that was completed for the J.B. Latham Treatment Plant [Project Committee 2]. The Board requested a copy of the report be distributed to all members of the Board. An open discussion ensued.

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Goldman to approve the award to Dudek for the Coastal Treatment Plant Consequence of Failure Analysis (45226L-000) for a total fee of \$49,970.

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

6. GENERAL MANAGER'S REPORTS

For the purpose of time management and at the discretion of the Board agenda items 6.B. and 6.C. were addressed out of order.

C. Utility Partnership Coordination for Science Based Policy Decisions

Ms. Amber Baylor, Director of Environmental Compliance gave an oral report on SOCWA's approach to regulatory or potential regulatory mandates from developing science and the activities of the wastewater industry in Southern California at the State and Regional Board level for impact to policy decisions. An open discussion ensued.

Mr. Steve Jepsen of the Southern California Alliance of POTW's (SCAP), shared comments on the work of the organization.

This was an information item; no action was taken.

D. Passage of AB 361 – Allowing for Virtual Meetings – Findings and Approval to continue virtual meetings

Ms. Adriana Ochoa, General Counsel gave an update on the status of the passing of the bill AB361 allowing for virtual meetings in the event of a declared stated of emergency arising from the COVID-19 pandemic. An open discussion ensued.

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Dunbar to:

1. Reconsider the circumstances of the proclaimed state of emergency declared by the Governor on March 4, 2020 relating to the Covid-19 pandemic;
2. Declare that the state of emergency continues to directly impact the ability of the members to meet safely in person; and/or that state and/or local officials continue to impose or recommend measures to promote social distancing;
3. Approve for the upcoming 30-day period, October 7, 2021 to November 4, 2021 regular and special meetings of the SOCWA Board and its Standing Committees and Project Committees will continue to be virtual meetings held in accordance with Public Notice and Public Participation requirements.
4. Direct Staff to place AB 361 findings on the November regular Board meeting agenda, so that the Board can at that point in time reconsider and make a determination regarding meetings for the next 30-day period.

Motion carried:	Aye 9, Nay 0, Abstained 0, Absent 1
Director Dunbar	Aye
Director Freshley	Aye
Director Dopudja	Aye
Director Collings	Aye
Director Cook	Aye
Director Iseman	Aye
Director Bunts	Aye
Director Goldman	Aye
Director Hart	Absent
Director Rebensdorf	Aye

Due to time constraints and at the discretion of the Board Chairman, agenda items 6A, and 6B will be discussed following agenda item 7 Closed Session.

The Board convened to Closed Session at 10:03 a.m.

The Board reconvened to Open Session at 10:58 a.m.

7. CLOSED SESSION

- A. A Closed Session Conference was held with Legal Counsel regarding an Anticipated Litigation - Significant exposure to litigation pursuant to Government Code Section § 54956.9(d)(2): 1 matter.

There were no reportable actions out of Closed Session.

- B. A Closed Session Conference was held with Legal Counsel regarding the Public Employee Performance Evaluation of the General Manager pursuant to Government Code Section § 54957.

There were no reportable actions out of Closed Session.

Continuation of agenda item 6A, and 6B.

6. GENERAL MANAGER’S REPORTS

- A. Approval of SOCWA Vendors for Purchasing by SOCWA Staff

Mr. Jim Burror, Director of Operations, and Ms. Jeanette Cotinola, Contracts/Procurement Manager gave a presentation on the existing purchasing policy and procedures along with providing a list of existing vendors procured to provide various types of materials and services to SOCWA. An open discussion ensued.

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Goldman to continue discussion at the Finance Committee level and bring back to the Board no later than January 2022.

Motion carried:	Aye 8, Nay 0, Abstained 0, Absent 2
	Director Dunbar Aye
	Director Freshley Aye
	Director Dopudja Aye
	Director Collings Aye
	Director Cook Absent
	Director Iseman Aye
	Director Bunts Aye
	Director Goldman Aye
	Director Hart Absent
	Director Rebensdorf Aye

- B. Adhoc Committee for Alternative Wastewater Delivery

Ms. Betty Burnett, General Manager reported on her attendance an Adhoc Committee meeting for Alternative Wastewater Delivery on September 28, 2021, that was held at the offices of Moulton Niguel Water District. An open discussion ensued.

Ms. Adriana Ochoa, General Counsel stated her plans to coordinate an all-hands meeting in January 2022 that would include General Managers, General Counsel, and Board Members for all Member Agencies to address revisions to the JPA Agreements.

This was an information item; no action was taken.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 12:00 p.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Board of Directors on October 7, 2021 and approved by the Board of Directors of the South Orange County Wastewater Authority.

Betty Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

DRAFT

November 9, 2021

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors was held on November 9, 2021, at 11:00 a.m. via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Executive Committee were present:

DAN FERONS	Santa Margarita Water District	Director
DAVID SHISSLER	City of Laguna Beach	Alternate
KATHRYN FRESHLEY	El Toro Water District	Director
MIKE DUNBAR	Emerald Bay Service District	Director
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director
KEVIN BURTON	Irvine Ranch Water District	Alternate
DAVE REBENS DORF	City of San Clemente	Director
SCOTT GOLDMAN	South Coast Water District	Director
HOWARD HART	City of San Juan Capistrano	Alternate Director
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director

Staff Present:

DANITA HIRSH Executive Assistant

Also Present:

BRAD NEUFELD Varner & Brandt Law

1. CALL TO ORDER

Chairman Collings called the meeting to order at 11:00 a.m.

2. PUBLIC COMMUNICATIONS

None

3. CLOSED SESSION

A Closed Session Conference was held in pursuant to Government Code Section § 54957 – Public Employee Performance Evaluation – Title: General Manager.

The Board convened to Closed Session at 11:02 a.m.

The Board reconvened to Open Session at 11:24 a.m.

There were no reportable actions out of Closed Session.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 11:25 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 November 9, 2021 and approved by the Board of Directors of the South Orange County Wastewater Authority.

Betty Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

DRAFT

Executive Committee

November 9, 2021

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Executive Committee Meeting was held on November 9, 2021 at 9:00 a.m. via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Executive Committee were present:

MATT COLLINGS	Moulton Niguel Water District	Director
DAN FERONS	Santa Margarita Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director [arrived @ 9:31 a.m.]
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director

Staff Participation:

DANITA HIRSH	Executive Assistant
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Also Participating:

BRAD NEUFELD	Varner & Brandt, LLC
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1. Call Meeting to Order

Chairman Collings called the meeting to order at 9:04 a.m.

2. Public Comments

None.

3. CLOSED SESSION

A Closed Session Conference was held in pursuant to pursuant to Government Code Section § 54957 – Public Employee Performance Evaluation – Title: General Manager.

The Executive Committee convened to Closed Session at 9:05 a.m.

The Executive Committee reconvened to Open Session at 9:49 a.m.

There were no reportable actions out of Closed Session.

Adjournment

There being no further business, Director Collings adjourned the meeting at 9:49 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 Executive Committee of November 9, 2021 and approved by the Executive Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Betty Burnett, General Manager / Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

DRAFT

Project Committee No. 17

October 1, 2021

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Project Committee 17 Meeting was held on October 1, 2021 at 9:00 a.m. via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Project Committee 23 were present via Teams Meeting:

DAVID SHISSLER	City of Laguna Beach	Alternate Director
KATHRYN FRESHLEY	El Toro Water District	Director
MATT COLLINGS	Moulton Niguel Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director

Absent:

MIKE DUNBAR	Emerald Bay Service District	Director
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Staff Participation:

BETTY BURNETT	General Manager
JIM BURROR	Director of Operations
JEANETTE COTINOLA	Contracts/Procurement Manager
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Participating:

RICK SHINTAKU	South Coast Water District
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1. Call Meeting to Order

Chairman Collings called the meeting to order at 9:03 a.m.

2. Public Comments

None.

3. Unison Solutions, Inc. 5-Year Budget Authorization for Carbon Media Purchases \$540,000 [Project Committee 17]

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Freshley to authorize the General Manager the purchasing authority to procure wood-based carbon media as budgeted over the next two years in the amount not to exceed \$200,000.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 1
	Director Shissler Aye
	Director Freshley Aye
	Director Dunbar Absent
	Director Collings Aye
	Director Goldman Aye

Adjournment

There being no further business, Director Collings adjourned the meeting at 9:59 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 Project Committee No. 17 of October 1, 2021 and approved by the Project Committee No. 17 and received and filed by the Board of Directors of the South Orange County Wastewater Authority.



Betty Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

September 9, 2021

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on September 9, 2021, at 8:30 a.m. via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present via Teams Meeting:

DAVID SHISSLER	City of Laguna Beach
MIKE MARQUIS	City of San Juan Capistrano
DENNIS CAFFERTY	El Toro Water District
MIKE DUNBAR	Emerald Bay Service District
ROD WOODS	Moulton Niguel Water District
DON BUNTS	Santa Margarita Water District [arrived @ 8:38a]
MARC SERNA	South Coast Water District [exited @ 9:30a]
LORRIE LAUSTEN	Trabuco Canyon Water District

Absent:

KEVIN BURTON	Irvine Ranch Water District
DAVE REBENDORF	City of San Clemente

Staff Present:

JASON MANNING	Director of Engineering
JIM BURROR	Director of Operations
AMBER BAYLOR	Director of Environmental Compliance
DAVID BARANOWSKI	Senior Engineer
RONI YOUNG	Associate Engineer
MATT CLARKE	IT Administrator
NADYN KIM	Accounting
KONSTANTIN SHILKOV	Senior Accountant
DANITA HIRSH	Executive Assistant

Also Present:

*TARYN KJOLSING	South Coast Water District	<i>*Ms. Kjolsing represented SCWD on behalf of Mr. Serna exiting the meeting at 9:30 a.m.</i>
SHERRY WANNINGER	Moulton Niguel Water District	
HANNAH FORD	El Toro Water District	
CHRIS NEWTON	South Coast Water District	

1. Call Meeting to Order

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

2. Public Comments

Mr. Cafferty, General Manager for El Toro Water District (ETWD) introduced Ms. Hannah Ford as their new Engineering Manager. He stated going forward, Ms. Ford will be the SOCWA Engineering Committee representative for El Toro Water District.

Mr. Manning, Director of Engineering announced Ms. Baylor, Director of Environmental Compliance has an early exit and would be presenting agenda item 4 before agenda item 3. He also stated Mr. Dunbar of Emerald Bay Service District (EBSD) requested information about how change orders are processed. He noted SOCWA was in the processes of closing out the financials for FY 2020-21 and will be addressing the change order process at the October Engineering Committee meeting.

Mr. Dunbar, (EBSD) requested an update on the Hazen and Sawyer Report on the Coastal Treatment Plant and that a PC-15 Committee meeting be scheduled to discuss the report.

3. Operations Report

Mr. Burror reported the status of projects that are closing out and gave an update on the Regional Treatment Plant AWT. He commented on several items that needed programming and startup testing or needing troubleshoot before completing. Mr. Burror stated the valves that were backordered were starting to arrive and are being installed by staff. Mr. Burror also stated he is bringing chemical contracts forward to be approved noting price increases for chemicals. An open discussion ensued.

This was an information item; no action was taken.

4. Use Audit Flow and Solids Methodology – Annual Update FY 20-21

Ms. Amber Baylor, Director of Environmental Compliance reported the Use Audit and its methodology is in its 3rd year. She stated the push for efficiencies in the water information management system by automating the report. Ms. Baylor commented on the Engineering Committee's review of the data which originally resulted in a review of the calculation included in the report. She thanked Dennis Cafferty, General Manager of El Toro Water District for the inclusion of their data points as well as the new addition to the methodology that resulted in more pounds loading for the El Toro Water District that offered better data quality. Ms. Baylor noted a few Engineering Committee members who reached out and asked questions relating to the tables. She stated all of the methodology tables utilizing the flows and solids are used for accounting to apply percentages included in the Use Audit. An open discussion ensued.

Mr. Don Bunts, Santa Margarita Water District (SMWD) noted there's an error in the spreadsheet for PC 2 Latham Plant of Liquids Summary. He noted the constant didn't get picked up noting when you subtract the total and take 1.4 out, the 3.195 goes down to the same number (1.795) as shown in the next cell. Mr. Bunts stated those numbers seemed to be more accurate. He stated he would like for the tables to be corrected before going to the Board for approval.

ACTION TAKEN

A motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Use Audit calculated results for the close of the Use Audit for disbursement of collection of additional funds in fiscal year 2020-21 based on the Board approved methodology that is currently in place pending additional conversations between Mr. Woods and Ms. Baylor confirming data as presented.

Motion Carried: Aye 8, Nay 0, Abstained 0, Absent 2
David Shissler (CLB) Aye
Mike Marquis (CSJC) Aye
Mike Dunbar (EBSD) Aye
Dennis Cafferty (ETWD) Aye

Rod Woods (MNWD)	Aye
Marc Serna (SCWD)	Aye
Don Bunts (SMWD)	Aye
Lorrie Lausten (TCWD)	Aye
Dave Rebensdorf (CSC)	Absent
Kevin Burton (IRWD)	Absent

5. Capital Improvement Construction Projects Report

Mr. Manning, Director of Engineering commented he had updated the table on page 137. He stated proposed change orders (PCO) 45, 86, and 89 should be removed from the list shown because those items were duplicates or had already been presented.

Ms. Roni Young, Associate Engineer reported on project status and change orders 24 through 28 to Olsson Construction totaling \$104,554 for the J.B. Latham Package B Project. An open discussion ensued.

Mr. David Baranowski, Senior Engineer reported on the Export Sludge Force Main Replacement Project. He noted contractor is laying the last two hundred feet of pipeline going towards Alicia Parkway. He noted the final stage of the project will be connecting everything together and the cutover. He stated the project should be online within the next few months and that there were no change orders to present. An open discussion ensued.

ACTION TAKEN

There was consensus of the PC 2 Engineering Committee members to recommend to the PC 2 Board of Directors to approve Olsson Construction Change Orders 24 through 28 for \$104,554.

Motion Carried: Aye 4, Nay 0, Abstained 0, Absent 0
Don Bunts (SMWD) Aye
Marc Serna (SCWD) Aye
Rod Woods (MNWD) Aye
Mike Marquis (CSJC) Aye

6. J.B. Latham Treatment Plant Package B Liquids Contingency [Project Committee 2]

Mr. Jason Manning, Director of Engineering reported we recently went over an additional increase for contingency for the solids portion of this project. At the time, we had just begun work in the Primary Basins, and after going through the process on the solids we found that each of the basins had some additional issues that we were not aware of at the time of design or when we went out to bid the project. He stated we're working to separate out the items that can keep the project moving forward as quickly as possible and get it completed cost-effectively. Mr. Manning stated this \$300,000 request is for liquids and will be an increase to the contingency in the budget. An open discussion ensued.

ACTION TAKEN

There was consensus of the PC 2 Engineering Committee to recommend to the PC 2 Board of Directors to approve the addition of \$300,000 of contingency to the J.B. Latham Package B Liquids Project (3220-000) for a total Liquids contingency of \$916,800 and to increase the project budget by \$300,000 to 3,150,000 for the 2021/22 FY.

Motion Carried: Aye 4, Nay 0, Abstained 0, Absent 0
Don Bunts (SMWD) Aye
Marc Serna (SCWD) Aye
Rod Woods (MNWD) Aye
Mike Marquis (CSJC) Aye

7. Consequence of Failure Analysis Update {Project Committee 2}

Mr. Manning, Director of Engineering reported the Consequence of Failure Analysis (CoFA) was completed for the J.B. Latham Facility. He commented that there were four sessions with the Operations staff identifying critical or pinch areas of the plant and came up with a list of projects that ranked based on risk designated for each area of the plant. The purpose for the analysis was to assist with proper planning of SOCWA's CIP Program and helps to prioritize projects based on the budget costs. He noted the complete CoFA table provided by Dudek was included in the agenda packet as "Exhibit A" starting on page 52.

Mr. Manning also presented the proposal from Dudek to complete the CoFA process at the Coastal Treatment Plant as Exhibit B. An open discussion ensued.

ACTION TAKEN

There was consensus of the PC 15 Engineering Committee to recommend to the PC 15 Board of Directors to approve the Coastal Treatment Plant Consequence of Failure Analysis to Dudek for \$49,970.

Motion Carried: Aye 3, Nay 0, Abstained 1, Absent 0
David Shissler (CLB) Aye
Mike Dunbar (EBSD) Aye
Rod Woods (MNWD) Abstain
Taryn Kjolsing (SCWD) Aye

Adjournment

There being no further business, Mr. Manning adjourned the meeting at 9.45 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee of September 9, 2021 and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Betty Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

4.E.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Financial Reports for the Month of October 2021

Summary/Discussion

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

The reports included are as follows:

1. Summary of Disbursements for October 2021 (Exhibit A)
2. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
3. Schedule of Cash and Investments (Exhibit C)
4. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
5. 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

October 2021 cash disbursements were: \$3,394,133.

- 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 to the Board of Directors to ratify the October 2021 disbursements for the period from October 1, 2021, through October 31, 2021, totaling \$3,394,133, and to receive and file the October 2021 Financial Reports as submitted.

Exhibit A

**South Orange County Wastewater Authority
Summary of Disbursements for October 2021
Staff Recommendation of Fiscal Matters**

	<u>Actual</u>
General Fund	\$ (112,164)
PC 2 - Jay B. Latham Plant	(1,765,239)
PC 5 - San Juan Creek Ocean Outfall	(40,156)
PC 8 - Pretreatment Program	(15,999)
PC 12 SO - Water Reclamation Permits	(875)
PC 15 - Coastal Treatment Plant/AWT	(533,794)
PC 17 - Joint Regional Wastewater Reclamation	(879,655)
PC 21 - Effluent Transmission Main	(7,482)
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(38,770)
Total	<u><u>\$ (3,394,133)</u></u>

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of October 31, 2021**

CASH IN BANK: (BEGINNING BAL.)	\$	1,780,588
L.A.I.F. FUNDS: (BEGINNING BAL.)		11,707,365
DEPOSITS, TRANSFERS & ADJUSTMENTS:		2,700,925
FUND REQUIREMENTS:		
BILLS FOR CONSIDERATION ¹		(3,394,133)
TOTAL CASH IN BANK	\$	12,794,744

¹ GL postings.

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

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

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

Betty Burnett
General Manager

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



PMIA/LAIF Performance Report as of 11/03/21



PMIA Average Monthly Effective Yields⁽¹⁾

Oct	0.203
Sep	0.206
Aug	0.221

Quarterly Performance Quarter Ended 09/30/21

LAIF Apportionment Rate ⁽²⁾ :	0.24
LAIF Earnings Ratio ⁽²⁾ :	0.00000661958813242
LAIF Fair Value Factor ⁽¹⁾ :	0.999873661
PMIA Daily ⁽¹⁾ :	0.20%
PMIA Quarter to Date ⁽¹⁾ :	0.22%
PMIA Average Life ⁽¹⁾ :	321

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 09/30/21 \$179.1 billion

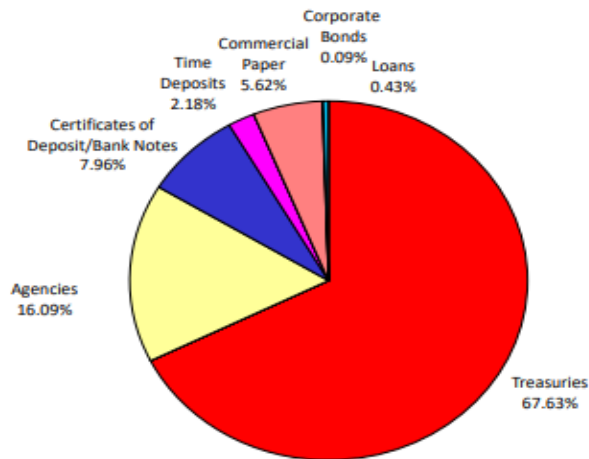


Chart does not include \$8,243,000.00 in mortgages, which equates to 0.004603%. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

Exhibit C

**South Orange County Wastewater Authority
Schedule of Cash and Investments
as of October 31, 2021**

MVA	\$ 110,318	(A)
A/P Checking	2,217,570	(B)
Payroll Checking	117,552	(C)
State LAIF	10,349,304	(D)
Total Cash in Bank	\$ 12,794,744	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 12,796,344	
OPEB Trust	6,559,543	(F)
Total Cash and Investments	\$ 19,355,888	

Notes:

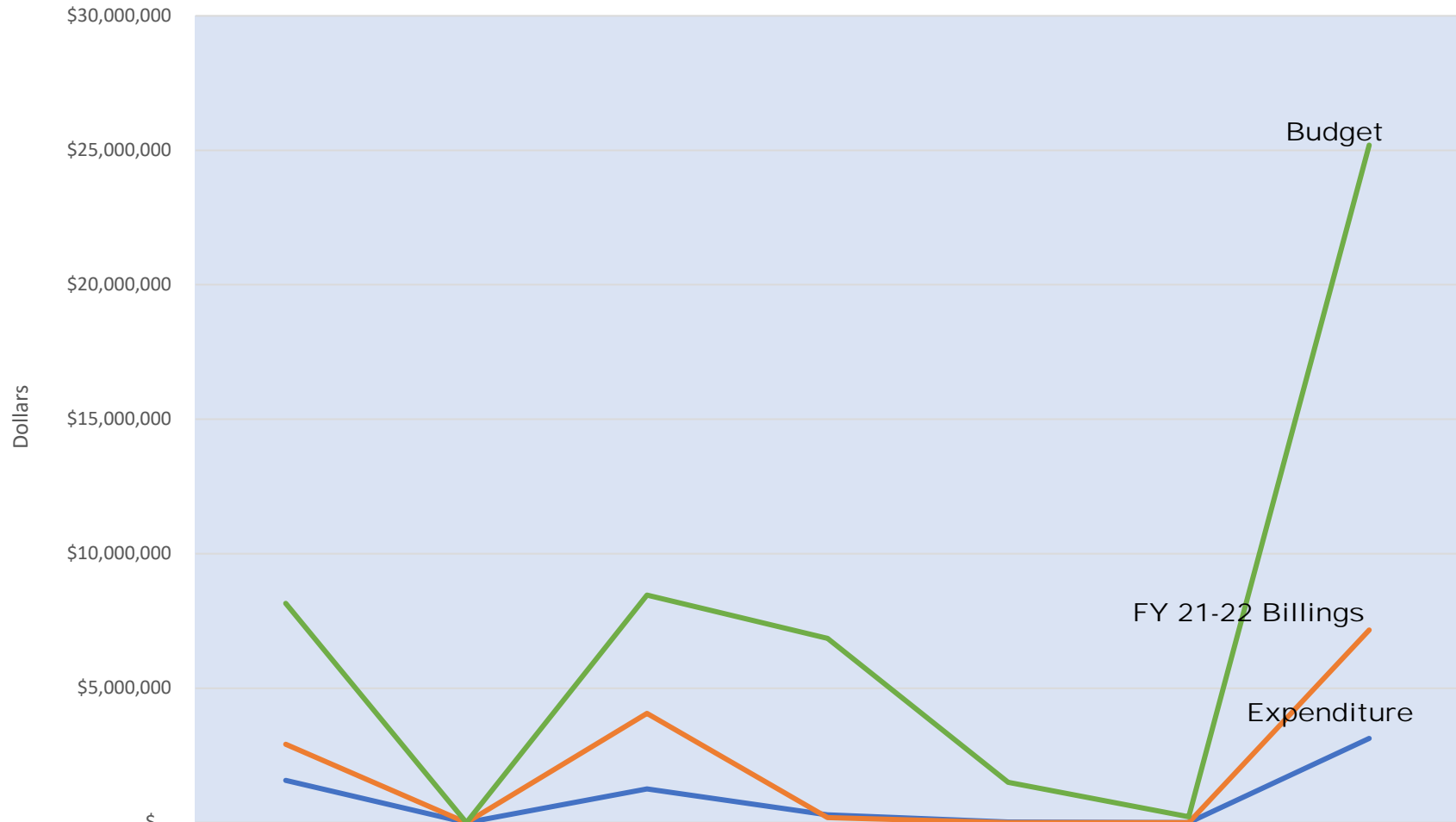
- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
- (C) Payroll including payroll taxes and related 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 October 31 2021
(in dollars)**

FY 2021-22 Budget vs. Actual Spending								
<u>Description</u>	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 8,153,937	\$ 1,570,425	\$ 6,583,512	19.3%	\$ 2,908,750	\$ 1,789,096	\$ 1,119,654	54.0%
PC 5-San Juan Creek Outfall	-	-	-	-	-	-	-	-
PC 15-Coastal	8,464,653	1,253,863	7,210,790	14.8%	4,064,999	3,001,119	1,063,880	30.8%
PC 17-Regional	6,851,959	288,932	6,563,027	4.2%	188,249	38,249	150,000	153.5%
PC 21 Effluent Transmission	1,502,000	17,438	1,484,562	1.2%	-	-	-	-
PC 24 Aliso Creek Outfall	220,000	-	220,000	0.0%	-	-	-	-
Total Large Capital	\$ 25,192,549	\$ 3,130,658	\$ 22,061,891	12.4%	\$ 7,161,998	\$ 4,828,464	\$ 2,333,534	43.7%
Non-Capital Engineering	405,871	11,119	394,752	2.7%	50,000	35,224	14,776	22.2%
Non-Capital Misc Engineering	254,500	2,778	251,723	1.1%	6,000	6,000	-	46.3%
Small Internal Capital	2,061,000	469,727	1,591,273	22.8%	1,030,500	654,610	375,890	45.6%
Total Capital	\$ 27,913,920	\$ 3,614,282	\$ 24,299,638	12.9%	\$ 8,248,498	\$ 5,524,298	\$ 2,724,200	43.8%

Large Capital Projects Fiscal Year '21-22 Budget vs. Year-to-Date Expenditures & Billings as of 10/31/2021

Exhibit D-1



	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 10/31/21	\$1,570,425	-	\$1,253,863	\$288,932	\$17,438.01	-	\$3,130,658
FY 21-22 Billings	\$2,908,750	-	\$4,064,999	\$188,249	-	-	\$7,161,998
Capital Budget 21-22	\$8,153,937	-	\$8,464,653	\$6,851,959	\$1,502,000	\$220,000	\$25,192,549

**South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary**

For the Period Ended October 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
-5000--**_**	Regular Salaries-O&M	4,847,168	1,471,199	3,375,969	30.4%
-5001--**_**	Overtime Salaries-O&M	107,256	33,772	73,484	31.5%
-5306--**_**	Scheduled Holiday Work	91,000	17,952	73,048	19.7%
-5315--**_**	Comp Time - O&M	15,980	10,156	5,824	63.6%
-5401--**_**	Fringe Benefits IN to PC's & Depts.	2,511,460	761,502	1,749,958	30.3%
-5700--**_**	Standby Pay	67,600	22,621	44,979	33.5%
	Total Payroll Costs	7,640,464	2,317,201	5,323,263	30.3%
Other Expenses					
-5002--**_**	Electricity	1,170,780	340,534	830,246	29.1%
-5003--**_**	Natural Gas	226,008	106,139	119,869	47.0%
-5004--**_**	Potable & Reclaimed Water	85,000	68,747	16,253	80.9%
-5005--**_**	Co-generation Power Credit	(686,000)	(286,938)	(399,062)	41.8%
-5006--**_**	Chlorine/Sodium Hypochlorite	502,008	178,970	323,038	35.7%
-5007--**_**	Polymer Products	747,004	215,269	531,735	28.8%
-5008--**_**	Ferric Chloride	588,004	188,333	399,671	32.0%
-5009--**_**	Odor Control Chemicals	107,016	35,701	71,315	33.4%
-5010--**_**	Other Chemicals - Misc.	2,004	-	2,004	-
-5011--**_**	Laboratory Services	65,196	14,517	50,679	22.3%
-5012--**_**	Grit Hauling	120,000	34,195	85,805	28.5%
-5013--**_**	Landscaping	219,008	42,674	176,334	19.5%
-5015--**_**	Management Support Services	475,000	53,080	421,920	11.2%
-5016--**_**	Audit - Environmental	1,304	-	1,304	-
-5017--**_**	Legal Fees	48,612	5,513	43,099	11.3%
-5018--**_**	Public Notices/ Public Relations	6,000	-	6,000	-
-5019--**_**	Contract Services Misc.	277,016	21,260	255,756	7.7%
-5021--**_**	Small Vehicle Expense	23,080	7,084	15,996	30.7%
-5022--**_**	Miscellaneous Expense	16,012	297	15,715	1.9%
-5023--**_**	Office Supplies - All	46,008	6,952	39,056	15.1%
-5024--**_**	Petroleum Products	34,008	1,972	32,036	5.8%
-5025--**_**	Uniforms	70,996	19,954	51,042	28.1%
-5026--**_**	Small Vehicle Fuel	22,656	4,656	18,000	20.5%
-5027--**_**	Insurance - Property/Liability	317,684	89,659	228,025	28.2%
-5028--**_**	Small Tools & Supplies	80,000	21,783	58,217	27.2%
-5030--**_**	Trash Disposal	8,500	1,351	7,149	15.9%
-5031--**_**	Safety Program & Supplies	119,344	24,369	94,975	20.4%
-5032--**_**	Equipment Rental	7,004	4,046	2,958	57.8%
-5033--**_**	Recruitment	2,500	1,124	1,376	45.0%
-5034--**_**	Travel Expense/Tech. Conferences	29,928	360	29,568	1.2%
-5035--**_**	Training Expense	47,996	14,482	33,514	30.2%
-5036--**_**	Laboratory Supplies	124,400	47,861	76,539	38.5%
-5037--**_**	Office Equipment	25,992	10,065	15,927	38.7%
-5038--**_**	Permits	489,996	21,757	468,239	4.4%
-5039--**_**	Membership Dues/Fees	17,872	2,364	15,508	13.2%
-5044--**_**	Offshore Monitoring	151,000	11,866	139,134	7.9%
-5045--**_**	Offshore Biochemistry - 20B	23,024	-	23,024	-
-5046--**_**	Effluent Chemistry	70,000	11,363	58,637	16.2%
-5047--**_**	Access Road Expenses	45,000	-	45,000	0.0%
-5048--**_**	Storm Damage	21,000	-	21,000	-
-5049--**_**	Biosolids Disposal	1,470,000	373,753	1,096,247	25.4%
-5050--**_**	Contract Services Generators - 29A	28,008	16,884	11,124	60.3%
-5052--**_**	Janitorial Services	101,004	28,755	72,249	28.5%
-5053--**_**	Contract Serv - Digester Cleaning - 29E	60,000	30,676	29,324	51.1%
-5054--**_**	Diesel Truck Maint	42,000	6,972	35,028	16.6%
-5055--**_**	Diesel Truck Fuel	11,500	2,174	9,326	18.9%

(1)

(2)

(3)

**South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary**

For the Period Ended October 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
-5056--**_**	Maintenance Equip. & Facilities (Solids)	366,000	185,500	180,500	50.7%	(4)
-5057--**_**	Maintenance Equip. & Facilities (Liquids)	651,996	144,279	507,717	22.1%	
-5058--**_**	Maintenance Equip. & Facilities (Common)	90,008	53,368	36,640	59.3%	
-5059--**_**	Maintenance Equip. & Facilities (Co-Gen)	738,996	169,756	569,240	23.0%	
-5060--**_**	Maintenance Equip. & Facilities (AWT)	88,000	24,420	63,580	27.7%	
-5061--**_**	Mileage	3,608	539	3,069	14.9%	
-5068--**_**	MNWD Potable Water Supplies & Svcs.	28,000	13,760	14,240	49.1%	(5)
-5074--**_**	Education Reimbursement	1,996	101	1,895	5.1%	
-5076--**_**	SCADA Infrastructure	86,596	30,000	56,596	34.6%	
-5077--**_**	IT Direct	5,508	-	5,508	-	
-5105--**_**	Co-Generation Power Credit - Offset	685,992	286,938	399,054	41.8%	
-5303--**_**	Group Insurance Waiver	14,392	4,819	9,573	33.5%	
-5305--**_**	Medicare Tax Payments for Employees	2,160	684	1,477	31.6%	
-5309--**_**	Operating Leases	26,000	10,876	15,124	41.8%	
-5705--**_**	Monthly Car Allowance	35,396	12,653	22,743	35.7%	
-5799--**_**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	-	100.0%	
-6500--**_**	IT Allocations in to PC's & Depts.	610,540	145,597	464,943	23.8%	
	Total Other Expenses	10,881,660	2,849,864	8,031,796	26.2%	
	Total O&M Expenses	18,522,124	5,167,065	13,355,059	27.9%	

- (1) MNWD construction contractor using potable water at RTP. MNWD will credit SOCWA for water used.
- (2) Generator services are completed before the rainy season each year and are nearly complete for the Fiscal Year.
- (3) Digester cleaning at JBL is well underway for the Fiscal Year.
- (4) JBL staff are performing work in solids areas that are usually unavailable during the ongoing Package B Construction Project shutdowns.
- (5) Annual laboratory proficiency testing costs for potable water certification. Costs expected to level out.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended October 31, 2021
 (in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000-**-**-**	Regular Salaries-O&M	1,585,228	493,551	1,091,677	31.1%
02-5001-**-**-**	Overtime Salaries-O&M	37,904	17,584	20,320	46.4%
02-5306-**-**-**	Scheduled Holiday Work	36,600	6,956	29,644	19.0%
02-5315-**-**-**	Comp Time - O&M	8,264	4,855	3,409	58.7%
02-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	821,352	255,725	565,627	31.1%
02-5700-**-**-**	Standby Pay	25,096	9,133	15,963	36.4%
	Total Payroll Costs	2,514,444	787,803	1,726,641	31.3%
Other Expenses					
02-5002-**-**-**	Electricity	506,564	108,291	398,273	21.4%
02-5003-**-**-**	Natural Gas	132,160	60,030	72,130	45.4%
02-5004-**-**-**	Potable & Reclaimed Water	25,000	6,657	18,343	26.6%
02-5006-**-**-**	Chlorine/Sodium Hypochlorite	8,000	3,259	4,741	40.7%
02-5007-**-**-**	Polymer Products	305,000	75,924	229,076	24.9%
02-5008-**-**-**	Ferric Chloride	200,000	69,420	130,580	34.7%
02-5009-**-**-**	Odor Control Chemicals	21,004	8,337	12,667	39.7%
02-5010-**-**-**	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011-**-**-**	Laboratory Services	19,000	611	18,389	3.2%
02-5012-**-**-**	Grit Hauling	55,000	16,547	38,454	30.1%
02-5013-**-**-**	Landscaping	77,004	12,960	64,044	16.8%
02-5015-**-**-**	Management Support Services	30,008	17,150	12,858	57.2%
02-5017-**-**-**	Legal Fees	4,996	928	4,068	18.6%
02-5019-**-**-**	Contract Services Misc.	70,636	5,976	64,660	0.08
02-5021-**-**-**	Small Vehicle Expense	11,000	1,148	9,852	10.4%
02-5022-**-**-**	Miscellaneous Expense	8,000	215	7,785	2.7%
02-5023-**-**-**	Office Supplies - All	29,000	3,185	25,815	11.0%
02-5024-**-**-**	Petroleum Products	11,004	-	11,004	-
02-5025-**-**-**	Uniforms	33,996	9,285	24,711	27.3%
02-5026-**-**-**	Small Vehicle Fuel	10,004	2,557	7,447	25.6%
02-5027-**-**-**	Insurance - Property/Liability	108,384	34,011	74,373	31.4%
02-5028-**-**-**	Small Tools & Supplies	38,000	5,725	32,275	15.1%
02-5030-**-**-**	Trash Disposal	3,000	443	2,557	14.8%
02-5031-**-**-**	Safety Program & Supplies	41,000	12,735	28,265	31.1%
02-5032-**-**-**	Equipment Rental	3,000	-	3,000	-
02-5033-**-**-**	Recruitment	348	164	184	47.1%
02-5034-**-**-**	Travel Expense/Tech. Conferences	9,012	-	9,012	-
02-5035-**-**-**	Training Expense	16,976	5,086	11,890	30.0%
02-5036-**-**-**	Laboratory Supplies	21,004	5,507	15,497	26.2%
02-5037-**-**-**	Office Equipment	13,000	3,717	9,283	28.6%
02-5038-**-**-**	Permits	13,496	18,262	(4,766)	135.3%
02-5039-**-**-**	Membership Dues/Fees	4,516	444	4,072	9.8%
02-5049-**-**-**	Biosolids Disposal	620,000	128,954	491,046	20.8%
02-5050-**-**-**	Contract Services Generators - 29A	10,004	12,739	(2,735)	127.3% (1)
02-5052-**-**-**	Janitorial Services	47,000	15,015	31,985	31.9%
02-5053-**-**-**	Contract Serv - Digester Cleaning - 29E	60,000	30,676	29,324	51.1% (2)
02-5054-**-**-**	Diesel Truck Maint	22,000	209	21,791	1.0%
02-5055-**-**-**	Diesel Truck Fuel - 37B	2,996	449	2,547	15.0%
02-5056-**-**-**	Maintenance Equip. & Facilities (Solids)	155,000	75,778	79,222	48.9% (3)
02-5057-**-**-**	Maintenance Equip. & Facilities (Liquids)	260,000	44,682	215,318	17.2%
02-5058-**-**-**	Maintenance Equip. & Facilities (Common)	29,000	27,780	1,220	95.8% (4)
02-5059-**-**-**	Maintenance Equip. & Facilities (Co-Gen)	277,120	84,433	192,687	30.5%
02-5061-**-**-**	Mileage	2,104	57	2,047	2.7%
02-5076-**-**-**	SCADA Infrastructure	28,960	10,000	18,960	34.5%
02-5077-**-**-**	IT Direct	2,620	-	2,620	-
02-5303-**-**-**	Group Insurance Waiver	3,596	1,205	2,391	33.5%
02-5309-**-**-**	Operating Leases	26,000	8,960	17,040	34.5%
02-5705-**-**-**	Monthly Car Allowance	22,804	7,629	15,175	33.5%
02-5799-**-**-**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	-	100.0%
02-6500-**-**-**	IT Allocations in to PC's & Depts.	199,812	47,649	152,163	23.8%
	Total Other Expenses	3,585,128	970,791	2,614,337	27.1%
	Total Expenses	6,099,572	1,758,594	4,340,978	28.8%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended October 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
05 - San Juan Creek Ocean Outfall					
Salary and Fringe					
05-5000-**-**-**	Regular Salaries-O&M	146,556	38,789	107,767	26.5%
05-5001-**-**-**	Overtime Salaries-O&M	72	-	72	-
05-5306-**-**-**	Scheduled Holiday Work	416	44	372	10.5%
05-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	75,928	20,098	55,830	26.5%
	Total Payroll Costs	<u>222,972</u>	<u>58,931</u>	<u>164,041</u>	<u>26.4%</u>
Other Expenses					
05-5015-**-**-**	Management Support Services	212,500	16,307	196,193	7.7%
05-5017-**-**-**	Legal Fees	2,008	-	2,008	-
05-5026-**-**-**	Small Vehicle Fuel	500	-	500	-
05-5027-**-**-**	Insurance - Property/Liability	9,668	2,570	7,098	26.6%
05-5031-**-**-**	Safety Supplies	1,052	-	1,052	-
05-5033-**-**-**	Recruitment	556	-	556	-
05-5034-**-**-**	Travel Expense/Tech. Conferences	1,512	180	1,332	11.9%
05-5035-**-**-**	Training Expense	1,952	18	1,935	0.01
05-5036-**-**-**	Laboratory Supplies	35,000	14,006	20,994	40.0%
05-5038-**-**-**	Permits	228,968	-	228,968	-
05-5039-**-**-**	Membership Dues/Fees	216	-	216	-
05-5044-**-**-**	Offshore Monitoring	75,496	4,301	71,196	5.7%
05-5045-**-**-**	Offshore Biochemistry - 20B	11,512	-	11,512	-
05-5046-**-**-**	Effluent Chemistry	35,000	5,299	29,701	15.1%
05-5058-**-**-**	Maintenance Equip. & Facilities (Common)	1,004	375	629	37.4%
05-6500-**-**-**	IT Allocations in to PC's & Depts.	18,464	4,402	14,062	23.8%
	Total Other Expenses	<u>635,408</u>	<u>47,458</u>	<u>587,950</u>	<u>7.5%</u>
	Total Expenses	<u>858,380</u>	<u>106,389</u>	<u>751,991</u>	<u>12.4%</u>
08 - Pre Treatment					
Salary and Fringe					
08-5000-**-**-**	Regular Salaries-O&M	117,772	36,677	81,095	31.1%
08-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	61,016	19,004	42,012	31.1%
	Total Payroll Costs	<u>178,788</u>	<u>55,681</u>	<u>123,107</u>	<u>31.1%</u>
Other Expenses					
08-5011-**-**-**	Laboratory Services	3,200	405	2,795	12.7%
08-5016-**-**-**	Audit - Environmental	1,304	-	1,304	-
08-5017-**-**-**	Legal Fees	2,596	-	2,596	-
08-5018-**-**-**	Public Notices/ Public Relations	6,000	-	6,000	-
08-5021-**-**-**	Small Vehicle Expense - 31A	1,076	-	1,076	-
08-5022-**-**-**	Miscellaneous Expense	2,008	-	2,008	-
08-5026-**-**-**	Small Vehicle Fuel - 37A	1,148	86	1,062	7.5%
08-5027-**-**-**	Insurance - Property/Liability	3,024	804	2,220	26.6%
08-5028-**-**-**	Small Tools & Supplies	3,000	1,660	1,340	55.3%
08-5034-**-**-**	Travel Expense/Tech. Conferences	2,732	-	2,732	-
08-5035-**-**-**	Training Expense	-	150	(150)	-
08-5038-**-**-**	Permits and Fines	3,132	-	3,132	-
08-5039-**-**-**	Membership Dues/Fees	-	106	(106)	-
08-6500-**-**-**	IT Allocations in to PC's & Depts.	14,832	3,538	11,294	23.9%
	Total Other Expenses	<u>44,052</u>	<u>6,749</u>	<u>37,303</u>	<u>15.3%</u>
	Total Expenses	<u>222,840</u>	<u>62,430</u>	<u>160,410</u>	<u>28.0%</u>
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-**-**-**	Regular Salaries-O&M	44,808	14,467	30,341	32.3%
12-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	23,208	6,721	16,487	29.0%
	Total Payroll Costs	<u>68,016</u>	<u>21,187</u>	<u>46,829</u>	<u>31.2%</u>
Other Expenses					
12-5015-**-**-**	Management Support Services	-	-	-	-
12-5017-**-**-**	Legal Fees	2,000	-	2,000	-
12-5027-**-**-**	Insurance - Property/Liability	5,164	1,373	3,791	26.6%
12-5034-**-**-**	Travel Expense/Tech. Conferences	920	-	920	-
12-5038-**-**-**	Permits	12,044	-	12,044	-
12-5039-**-**-**	Membership Dues/Fees	68	-	68	-
12-6500-**-**-**	IT Allocations in to PC's & Depts.	5,640	1,346	4,294	23.9%
	Total Other Expenses	<u>25,836</u>	<u>2,719</u>	<u>23,117</u>	<u>10.5%</u>
	Total Expenses	<u>93,852</u>	<u>23,906</u>	<u>69,946</u>	<u>25.5%</u>

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended October 31, 2021
 (in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-**-**-**	Regular Salaries-O&M	1,083,504	302,922	780,582	28.0%
15-5001-**-**-**	Overtime Salaries-O&M	19,208	6,150	13,058	32.0%
15-5306-**-**-**	Scheduled Holiday Work	15,584	3,315	12,269	21.3%
15-5315-**-**-**	Comp Time - O&M	2,000	1,340	660	67.0%
15-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	561,396	156,954	404,442	28.0%
15-5700-**-**-**	Standby Pay	16,504	2,340	14,164	14.2%
	Total Payroll Costs	1,698,196	473,021	1,225,175	27.9%
Other Expenses					
15-5002-**-**-**	Electricity	202,348	96,936	105,412	47.9%
15-5003-**-**-**	Natural Gas	2,872	129	2,743	4.5%
15-5004-**-**-**	Potable & Reclaimed Water	25,000	5,903	19,097	23.6%
15-5006-**-**-**	Chlorine/Sodium Hypochlorite	94,004	23,450	70,554	24.9%
15-5007-**-**-**	Polymer Products	1,004	-	1,004	-
15-5008-**-**-**	Ferric Chloride	58,000	24,023	33,977	41.4%
15-5009-**-**-**	Odor Control Chemicals	51,004	14,197	36,807	27.8%
15-5011-**-**-**	Laboratory Services	20,000	5,503	14,497	27.5%
15-5012-**-**-**	Grit Hauling	23,000	6,286	16,714	27.3%
15-5013-**-**-**	Landscaping	57,000	9,952	47,048	17.5%
15-5015-**-**-**	Management Support Services	10,000	-	10,000	-
15-5017-**-**-**	Legal Fees	30,000	666	29,334	2.2%
15-5019-**-**-**	Contract Services Misc.	91,732	5,970	85,762	6.5%
15-5021-**-**-**	Small Vehicle Expense	4,004	2,014	1,990	50.3%
15-5022-**-**-**	Miscellaneous Expense	1,000	-	1,000	-
15-5023-**-**-**	Office Supplies - All	4,004	1,634	2,370	40.8%
15-5024-**-**-**	Petroleum Products	3,000	312	2,688	10.4%
15-5025-**-**-**	Uniforms	9,000	2,561	6,439	28.5%
15-5026-**-**-**	Small Vehicle Fuel	2,000	518	1,482	25.9%
15-5027-**-**-**	Insurance - Property/Liability	47,112	12,526	34,586	26.6%
15-5028-**-**-**	Small Tools & Supplies	9,000	1,275	7,725	0.14
15-5030-**-**-**	Trash Disposal	2,996	581	2,415	19.4%
15-5031-**-**-**	Safety Supplies	35,000	5,026	29,974	14.4%
15-5032-**-**-**	Equipment Rental	1,000	-	1,000	-
15-5033-**-**-**	Recruitment	312	-	312	-
15-5034-**-**-**	Travel Expense/Tech. Conferences	5,244	-	5,244	-
15-5035-**-**-**	Training Expense	11,632	4,224	7,408	36.3%
15-5036-**-**-**	Laboratory Supplies	14,000	7,587	6,413	54.2%
15-5037-**-**-**	Office Equipment	2,996	577	2,419	19.3%
15-5038-**-**-**	Permits	4,820	1,296	3,524	26.9%
15-5039-**-**-**	Membership Dues/Fees	4,960	646	4,314	13.0%
15-5047-**-**-**	Access Road Expenses	45,000	-	45,000	-
15-5048-**-**-**	Storm Damage	21,000	-	21,000	-
15-5049-**-**-**	Biosolids Disposal	-	10,308	(10,308)	- (5)
15-5050-**-**-**	Contract Services Generators - 29A	5,000	-	5,000	-
15-5052-**-**-**	Janitorial Services	12,004	4,234	7,770	35.3%
15-5054-**-**-**	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-**-**-**	Diesel Truck Fuel - 37B	504	-	504	-
15-5057-**-**-**	Maintenance Equip. & Facilities (Liquids)	149,996	29,135	120,861	19.4%
15-5058-**-**-**	Maintenance Equip. & Facilities (Common)	23,000	626	22,374	2.7%
15-5060-**-**-**	Maintenance Equip. & Facilities (AWT)	38,000	21,685	16,315	57.1%
15-5061-**-**-**	Mileage	500	43	457	8.6%
15-5076-**-**-**	SCADA Infrastructure	28,952	10,000	18,952	34.5%
15-5077-**-**-**	IT Direct	264	-	264	-
15-5303-**-**-**	Group Insurance Waiver	3,600	1,343	2,257	37.3%
15-5305-**-**-**	Medicare Tax Payments for Employees	2,160	684	1,477	31.6%
15-5705-**-**-**	Monthly Car Allowance	4,196	1,405	2,791	33.5%
15-6500-**-**-**	IT Allocations in to PC's & Depts.	136,476	32,546	103,930	23.8%
	Total Other Expenses	1,299,696	345,800	953,896	26.6%
	Total Expenses	2,997,892	818,821	2,179,071	27.3%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended October 31, 2021
 (in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
17 - Joint Regional Wastewater Reclamation and Sludge Handling						
Salary and Fringe						
17-5000-**-**-**	Regular Salaries-O&M	1,718,916	544,276	1,174,640	31.7%	
17-5001-**-**-**	Overtime Salaries-O&M	49,452	9,744	39,708	19.7%	
17-5306-**-**-**	Scheduled Holiday Work	38,136	7,594	30,542	19.9%	
17-5315-**-**-**	Comp Time - O&M	5,716	3,961	1,755	69.3%	
17-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	890,632	282,008	608,624	31.7%	
17-5700-**-**-**	Standby Pay	26,000	11,148	14,852	42.9%	
	Total Payroll Costs	2,728,852	858,731	1,870,121	31.5%	
Other Expenses						
17-5002-**-**-**	Electricity	461,868	135,308	326,560	29.3%	
17-5003-**-**-**	Natural Gas	90,976	45,980	44,996	50.5%	
17-5004-**-**-**	Potable & Reclaimed Water	35,000	56,187	(21,187)	160.5%	(8)
17-5005-**-**-**	Co-generation Power Credit	(686,000)	(286,938)	(399,062)	41.8%	
17-5006-**-**-**	Chlorine/Sodium Hypochlorite	400,004	152,261	247,743	38.1%	
17-5007-**-**-**	Polymer Products	441,000	139,345	301,655	31.6%	
17-5008-**-**-**	Ferric Chloride	330,004	94,890	235,114	28.8%	
17-5009-**-**-**	Odor Control Chemicals	35,008	13,167	21,841	37.6%	
17-5010-**-**-**	Other Chemicals - Misc.	1,004	-	1,004	-	
17-5011-**-**-**	Laboratory Services	22,996	7,998	14,998	34.8%	
17-5012-**-**-**	Grit Hauling - 21A	42,000	11,362	30,638	27.1%	
17-5013-**-**-**	Landscaping	85,004	19,762	65,242	23.2%	
17-5015-**-**-**	Management Support Services	9,996	9,500	496	95.0%	
17-5017-**-**-**	Legal Fees	5,004	552	4,452	11.0%	
17-5019-**-**-**	Contract Services Misc.	96,312	9,314	86,998	9.7%	
17-5021-**-**-**	Small Vehicle Expense	7,000	3,922	3,078	56.0%	
17-5022-**-**-**	Miscellaneous Expense	5,004	82	4,922	1.6%	
17-5023-**-**-**	Office Supplies - All	13,004	2,133	10,871	16.4%	
17-5024-**-**-**	Petroleum Products	20,004	1,660	18,344	8.3%	
17-5025-**-**-**	Uniforms	28,000	8,108	19,892	29.0%	
17-5026-**-**-**	Small Vehicle Fuel	9,004	1,495	7,509	16.6%	
17-5027-**-**-**	Insurance - Property/Liability	135,628	36,060	99,568	26.6%	
17-5028-**-**-**	Small Tools & Supplies	30,000	13,123	16,877	43.7%	
17-5030-**-**-**	Trash Disposal	2,504	327	2,177	13.1%	
17-5031-**-**-**	Safety Supplies	41,248	6,608	34,640	16.0%	
17-5032-**-**-**	Equipment Rental	3,004	4,046	(1,042)	134.7%	
17-5033-**-**-**	Recruitment	728	960	(232)	131.9%	
17-5034-**-**-**	Travel Expense/Tech. Conferences	8,996	-	8,996	-	
17-5035-**-**-**	Training Expense	15,480	4,987	10,493	32.2%	
17-5036-**-**-**	Laboratory Supplies	24,392	6,978	17,414	28.6%	
17-5037-**-**-**	Office Equipment	9,996	5,771	4,225	57.7%	
17-5038-**-**-**	Permits	10,612	2,199	8,413	20.7%	
17-5039-**-**-**	Membership Dues/Fees	7,892	1,168	6,724	14.8%	
17-5049-**-**-**	Biosolids Disposal	850,000	234,491	615,509	27.6%	
17-5050-**-**-**	Contract Services Generators - 29A	13,004	4,145	8,859	31.9%	
17-5052-**-**-**	Janitorial Services	42,000	9,506	32,494	22.6%	
17-5054-**-**-**	Diesel Truck Maint	19,000	6,763	12,237	35.6%	
17-5055-**-**-**	Diesel Truck Fuel	8,000	1,726	6,274	21.6%	
17-5056-**-**-**	Maintenance Equip. & Facilities (Solids)	211,000	109,722	101,278	52.0%	(6)
17-5057-**-**-**	Maintenance Equip. & Facilities (Liquids)	242,000	70,462	171,538	29.1%	
17-5058-**-**-**	Maintenance Equip. & Facilities (Common)	36,000	24,587	11,413	68.3%	
17-5059-**-**-**	Maintenance Equip. & Facilities (Co-Gen)	461,876	85,324	376,552	18.5%	
17-5060-**-**-**	Maintenance Equip. & Facilities (AWT) 41-E	50,000	2,734	47,266	5.5%	
17-5061-**-**-**	Mileage	1,004	438	566	43.7%	
17-5068-**-**-**	MNWD Potable Water Supplies & Svcs.	28,000	13,760	14,240	49.1%	(7)
17-5074-**-**-**	Education Reimbursement	1,996	101	1,895	5.1%	
17-5076-**-**-**	SCADA Infrastructure	28,684	10,000	18,684	34.9%	
17-5077-**-**-**	IT Direct	2,624	-	2,624	-	
17-5105-**-**-**	Co-Generation Power Credit - Offset	685,992	286,938	399,054	41.8%	
17-5303-**-**-**	Group Insurance Waiver	7,196	2,271	4,925	31.6%	
17-5309-**-**-**	Operating Leases	-	1,915	(1,915)	-	
17-5705-**-**-**	Monthly Car Allowance	8,396	3,619	4,777	43.1%	
17-6500-**-**-**	IT Allocations in to PC's & Depts.	216,520	51,632	164,888	23.8%	
	Total Other Expenses	4,655,964	1,428,448	3,227,516	30.7%	
	Total Expenses	7,384,816	2,287,179	5,097,637	31.0%	

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended October 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
21 - Effluent Transmission Main					
Salary and Fringe					
21-5000-**-**-**	Regular Salaries-O&M	1,088	-	1,088	-
21-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	564	-	564	-
	Total Payroll Costs	<u>1,652</u>	<u>-</u>	<u>1,652</u>	<u>-</u>
Other Expenses					
21-5019-**-**-**	Contract Services Misc.	18,336	-	18,336	-
	Total Other Expenses	<u>18,336</u>	<u>-</u>	<u>18,336</u>	<u>-</u>
	Total Expenses	<u>19,988</u>	<u>-</u>	<u>19,988</u>	<u>-</u>
23 - North Coast Interceptor					
Other Expenses					
23-5017-**-**-**	Legal Fees	-	3,367	(3,367)	-
	Total Expenses	<u>-</u>	<u>3,367</u>	<u>(3,367)</u>	<u>-</u>
24 - Aliso Creek Ocean Outfall					
Salary and Fringe					
24-5000-**-**-**	Regular Salaries-O&M	149,296	40,517	108,779	27.1%
24-5001-**-**-**	Overtime Salaries-O&M	620	294	326	47.4%
24-5306-**-**-**	Scheduled Holiday Work	264	44	220	16.6%
24-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	77,364	20,993	56,371	27.1%
	Total Payroll Costs	<u>227,544</u>	<u>61,847</u>	<u>165,697</u>	<u>27.2%</u>
Other Expenses					
24-5015-**-**-**	Management Support Services	212,496	10,123	202,373	4.8%
24-5017-**-**-**	Legal Fees	2,008	-	2,008	-
24-5027-**-**-**	Insurance - Property/Liability	8,704	2,314	6,390	26.6%
24-5031-**-**-**	Safety Supplies	1,044	-	1,044	-
24-5033-**-**-**	Recruitment	556	-	556	-
24-5034-**-**-**	Travel Expense/Tech. Conferences	1,512	180	1,332	11.9%
24-5035-**-**-**	Training Expense	1,956	18	1,939	0.01
24-5036-**-**-**	Laboratory Supplies	30,004	13,784	16,220	45.9%
24-5038-**-**-**	Permits	216,924	-	216,924	-
24-5039-**-**-**	Membership Dues/Fees	220	-	220	-
24-5044-**-**-**	Offshore Monitoring	75,504	7,566	67,939	10.0%
24-5045-**-**-**	Offshore Biochemistry - 20B	11,512	-	11,512	-
24-5046-**-**-**	Effluent Chemistry	35,000	6,064	28,936	17.3%
24-5058-**-**-**	Maintenance Equip. & Facilities (Common) 41-C	1,004	-	1,004	-
24-6500-**-**-**	IT Allocations in to PC's & Depts.	18,796	4,485	14,311	23.9%
	Total Other Expenses	<u>617,240</u>	<u>44,532</u>	<u>572,708</u>	<u>7.2%</u>
	Total Expenses	<u>844,784</u>	<u>106,379</u>	<u>738,405</u>	<u>12.6%</u>
Total O&M Expenses		<u>18,522,124</u>	<u>5,167,065</u>	<u>13,355,059</u>	<u>27.9%</u>

**South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC**

For the Period Ended October 31, 2021

- (1) Generator services are completed before the rainy season each year and are nearly complete for the Fiscal Year.
- (2) Digester cleaning at JBL is well underway for the Fiscal Year.
- (3) JBL staff are performing work in solids areas that are usually unavailable during the ongoing Package B Construction Project shutdowns.
- (4) The Administration Building sewer had a failed section requiring extensive repairs.
- (5) Contaminated soils from the May and June sludge lines leaks were dried and disposed of as Biosolids.
- (6) Several failed RTP digester gas valves were isolated and replaced by specialty contractor.
- (7) Annual laboratory proficiency testing costs for potable water certification. Costs expected to level out.
- (8) MNWD construction contractor using potable water at RTP. MNWD will credit SOCWA for water used.

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

For the Period Ended October 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	175,927	50,661	125,266	28.8%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	91,154	26,249	64,905	28.8%
	Total Payroll Costs	267,081	76,910	190,171	28.8%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	137	3,047	4.3%
01-5023-03-00-00	Office Supplies - All	208	-	208	-
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	-	6,439	-
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	309	1,068	22.4%
01-5061-03-00-00	Mileage	510	21	490	4.0%
01-5309-03-00-00	Operating Leases	9,300	-	9,300	-
01-5705-03-00-00	Monthly Car Allowance	4,200	1,405	2,795	33.5%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,293	13,073	41,220	24.1%
	Total Other Expenses	82,781	14,945	67,836	18.1%
	Total Engineering Expenses	349,863	91,855	258,007	26.3%

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

For the Period Ended October 31, 2021

(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	998,424	319,791	678,633	32.0%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	9,462	538	94.6% (1)
01-6315-04-00-00	Comp Time - Admin	5,000	1,599	3,401	32.0%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	517,316	165,694	351,622	32.0%
	Total Payroll Costs	1,530,740	496,546	1,034,194	32.4%
Other Expenses					
01-6018-04-00-00	Public Notices/Public Relations	3,270	-	3,270	-
01-6101-04-00-00	HR Recruitment & Employee Relations	24,350	3,334	21,016	13.7%
01-6102-04-00-00	Subscriptions	2,081	1,626	455	78.1%
01-6103-04-00-00	Contract Labor	50,000	7,754	42,246	15.5%
01-6200-04-00-00	Management Support Services	90,000	13,235	76,765	14.7%
01-6201-04-00-00	Audit	46,000	15,000	31,000	32.6%
01-6202-04-00-00	Legal	220,000	88,251	131,749	40.1%
01-6204-04-00-00	Postage	1,500	304	1,196	20.3%
01-6223-04-00-00	Office Supplies - Admin	4,500	1,287	3,213	28.6%
01-6224-04-00-00	Office Equipment Admin or IT	1,200	2,907	(1,707)	242.2% (2)
01-6234-04-00-00	Memberships & Trainings	88,000	27,278	60,722	31.0%
01-6239-04-00-00	Travel & Conference	11,000	2,656	8,344	24.1%
01-6241-04-00-00	Education Reimbursement	1,500	904	596	60.3%
01-6310-04-00-00	Miscellaneous	18,000	8,624	9,376	47.9%
01-6311-04-00-00	Mileage	1,236	38	1,198	3.1%
01-6317-04-00-00	Contract Services Misc	5,722	1,800	3,922	31.5%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	125,761	29,990	95,770	23.8%
01-6601-04-00-00	Shipping/Freight	3,815	2,269	1,546	59.5%
01-6705-04-00-00	Monthly Car Allowance	12,000	4,015	7,985	33.5%
	Total Other Expenses	709,934	211,271	498,663	29.8%
	Total Admin Expenses	2,240,674	707,817	1,532,857	31.6%

(1) Additional information requests and Meeting schedules are impacting need for overtime work.

(2) Planned purchase of ergonomic chairs; expenditures will level off.

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
 For the Period Ended October 31, 2021
 (in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	100,076	35,703	64,373	35.7%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	51,852	18,499	33,353	35.7%
	Total Salary & Fringe	151,928	54,201	97,727	35.7%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	200	800	20.0%
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	-
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	41,026	12,102	28,924	29.5%
01-6301-05-00-00	Hardware Maintenance Agreements	14,726	-	14,726	-
01-6302-05-00-00	Cloud Subscriptions (Internet)	177,328	48,248	129,080	27.2%
01-6303-05-00-00	Telecommunications	165,582	46,161	119,421	27.9%
01-6305-05-00-00	IT Professional Services	92,400	7,565	84,835	8.2%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	40,985	2,528	38,457	6.2%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	28,968	4,298	24,670	14.8%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	12,539	51,634	19.5%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	-	819	(819)	-
	Total Other Expenses	639,198	134,459	504,739	21.0%
	Total Expenses before Allocation	791,126	188,661	602,465	23.8%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(791,126)	(188,661)	(602,465)	23.8%
	Total IT Allocations (Out) to PC's & Depts	(791,126)	(188,661)	(602,465)	23.8%

Agenda Item

4.F.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Q1 FY 2021-22 Cash Roll Forward as of September 30, 2021

Summary/Discussion

The following selected financial reports are routinely provided quarterly to the Finance Committee for recommendation to the Board of Directors to review Cash Roll Forward and receive and file the following documents.

Cash Roll Forward Q1, September 30, 2021

Cash Roll Forward balances are attached:

- Cash Roll Forward Notes, including:
 - Cash on Hand reconciled to the Bank Statement
 - Due To(From) Member Agencies as of June 30, 2021
 - Grant Revenue received from So Cal Edison (included in Large Capital cash balance PC 02 Co-Gen Project)
 - Cash in Excess of Expenditures to date
- Large Capital Cash Reconciliation to General Ledger (GL)
- Large Capital Cash Roll Forward Balance by Project Committee, Member Agency and Project
- Non-Capital Cash Roll Forward Balance by Project Committee, Member Agency and Project
- Non-Capital – Miscellaneous Cash Roll Forward Balance by Project Committee, Member Agency and Project
- Small Capital Cash Roll Forward balance by Project Committee, Member Agency and Project

Recommended Action: The Finance Committee recommends to the Board of Directors to receive and file the Q1 Fiscal Year 2021-22 Cash Roll Forward as submitted.

**South Orange County Wastewater Authority
Cash Reconciliation
Fiscal Year End 2017, 2018, 2019, 2020, 2021 and
Q1 2022 Preliminary**

	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021	9/30/2021
(1) Cash on Hand	12,949,694	13,557,237	20,857,094	22,361,420	15,190,921	12,895,802
Accounts Payable	(2,682,688)	(2,314,106)	(1,981,080)	(3,531,550)	(5,882,659)	(3,514,608)
Accrued Payroll	(102,661)	(127,396)	(100,221)	(160,049)	(224,996)	(117,736)
Accounts Receivable	1,069,282	1,660,444	14,179	49,286	59,478	16,200
(2) PTO Reserves	(653,282)	(620,032)	(683,536)	(734,477)	(877,242)	(705,078)
Due to Mbr Agency	(1,358,841)	(3,910,599)	(2,475,322)	(1,656,822)	(4,096,390)	(4,096,390)
Due From Mbr Agency	1,069,819	2,433,322	856,669	870,004	1,280,615	1,280,615
Mbr Agency Refund held for FY 19-20			(1,068,028)			
LAIIF Fair Value Adjustment					(1,156)	
Prepaid	65,082	204,867	211,725	155,939	198,709	1,034,280
Deposits	19,500					
(3) Available Cash	10,375,905	10,883,737	15,631,481	17,353,752	5,647,281	6,793,085
(4) Large Capital Cash as of June 30th 2017, 2018, 2019, 2020, 2021 and Q1 2022	9,168,439	8,793,369	15,067,539	15,616,950	6,973,860	7,770,263
Non Capital Engineering Cash Balance	295,062	(81,041)				
Moulton Niguel Non Capital Engineering Accounts Receivable	(21,831)	(22,416)				
Moulton Niguel Large Capital Accounts Receivable	649,490	1,382,368			(1,511,608)	(1,511,608)
Use Audit Settlement		216,467				
Use Audit Settlement	(49,931)	(49,931)				
(5) Total Large Capital Cash	10,041,229	10,238,817	15,067,539	15,616,950	5,462,252	6,258,655
(6) Small Capital Carryover	(129,000)		172,996	565,000	161,729	161,729
Non-Capital Carryover				369,508	203,442	203,442
Non-Capital Misc. Carryover				252,298	132,113	132,113
Cash Collected for PC 2 Zephyr Wall	76,318		76,318			
Other misc., fringe adj, interest adj, etc.	22,331	(4,916)			1,001	
Small Capital Cash Collected in Excess of Expenditures					547,506	547,506
(7) Non Capital Cash Collected in Excess of Expenditures					9,110	9,110
Non Capital Misc Cash Collected in Excess of Expenditures					52,266	52,266
O&M Cash Collected in Excess of Expenditures					215,060	215,060
O&M, Small Cap, Non-Cap, Non-Cap Misc Use Audit Settlement					(1,304,166)	(1,304,166)
O&M, Small Cap, Non-Cap, Non-Cap Misc Cash Collected in Excess of Expenditures						328,942
Net Cash as of June 30th 2017, 2018, 2019, 2020, 2021 and Q1 2022	10,010,879	10,233,900	15,316,853	16,803,755	5,480,313	6,604,657
(8) Difference	365,027	649,837	314,628	549,996	166,969	188,428

Additional Cash Is:						
Prior Balance	281,422	365,027	649,837	314,628	549,996	166,969
Payment to Member Agencies			(649,837)	(314,628)	(549,996)	
County of Orange Bankruptcy Payment						
County of Orange Admin Fees						
County of Orange Access Maintenance						
City of Laguna Niguel Heat Transfer						
SMWD Lab Fees						
Coke machine						
FEMA Reimbursement		136,995		9,277		
CA State Cost Reimbursement				15,356		
Interest Income Received	45,294	114,150	249,482	405,052	74,802	8
Recycling Income	11,708	2,112	1,618	1,966.23	2,947	5,700
PC 23 Admin Payment	9,135				5,300	5,450
Mutual Omaha Refund	8,034					
Interest received for 4th qtr	4,934	25,256	52,302	113,947	83,920	10,300
LAIIF Interest Adj.	3,000					
(9) Grant Revenue SoCal Edison	1,500					
Other misc. expenses				(4,277)		
Sale of Fixed Assets		6,297	11,226	8,675		
Other misc adjustments						
Total Other Cash	365,027	649,837	314,628	549,996	166,969	188,428

Preliminary Cash Roll Forward Notes Q1 FY 2021-22

1. Cash on Hand from Net Position Statement and reconciled to the Bank Statement
2. Adjustment for Current Assets and Liabilities, Obligations against the Cash (accounts payable, payroll Amounts due to the Authority, Accounts Receivable, Use Audit Due (To) and From Member Agencies,
3. Available Cash (Item 1 above less Item 2). The Authority does not carry Cash Reserves; there is some
4. Large Capital Cash is supported by a subsidiary report detailing by project committee, wastewater
 - a) Beginning Cash Balance from the Audited 6/30/2020 Cash Roll Forward
 - b) Contributions based on the quarterly capital billings
 - c) Actual expenditures
 - d) Use Audit Settlement
 - e) Net Cash balance
5. Total Large Capital Cash.
6. Small Capital, Non-Capital and Non-Capital Misc. Carryover.
7. Cash in Excess of Expenditures to date.
8. Difference is additional cash from interest on LAIF account balance and sources other than Member Agencies.
9. Grant proceeds are included in "Due To Member Agencies" for return of capital cost of Co-Gen Engine Project. SoCal Edison grant in Q1 the total of \$187,613. See detail Project ID 3209-000.

South Orange County Wastewater Authority

Total Large Capital Projects Cash Roll Forward for Q1 FY 2021-22

Large Capital Cash Balance as of September 30, 2021											
	16	17	18	19	20	21	22	23	24		
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total	
PC 02 J B Latham											
Liquids											
3202-000 - Preliminary and Primary Treatment Improvements Design (2016)	3202	-	-	45,622	-	-	-	34,257	25,697	42,822	148,398
3252-000 - Plant 1 Standby Power Generator Repl (2017)	3252	-	-	30,690	-	-	-	23,039	17,281	28,800	99,810
3253-000 - Effluent System Valves Replacement (2107)	3253	-	-	27,244	-	-	-	21,598	16,200	26,997	92,039
3254-000 - Additional Package B Liquids Design (2017)	3254	-	-	46,669	-	-	-	35,016	26,262	43,771	151,718
3280-000 - Facility Improvements B - Basin Upgrades (2018)	3280	-	-	2,439	-	-	-	1,897	1,493	2,394	8,222
3285-000 - Main Plant Drain Line Reconstruction (2018)	3285	-	-	(4)	-	-	-	(3)	(3)	(4)	(15)
3215-000 - Motor Control Center M Replacement Design (2019)	3215	-	-	9,902	-	-	-	7,427	5,570	9,283	32,182
3220-000 - Facility Improvements B - Basin Upgrades Construction I (2019)	3220	-	-	256,406	-	-	-	192,354	144,191	240,420	833,370
32211L-000 - Plant 2 Grit Area Rehabilitation	32211L	-	-	(27,783)	-	-	-	(20,837)	(15,628)	(26,046)	(90,294)
Total PC 02 Liquids		-	-	391,184	-	-	-	294,747	221,063	368,436	1,275,430
Common											
3216-000 - Hoist System for Maintenance Shop (2013)	3216	-	-	(0)	-	-	-	(0)	(0)	(0)	(1)
3260-000 - SCADA System Upgrade (2017)	3260	-	-	(0)	-	-	-	(0)	(0)	(0)	(0)
3286-000 - PLC Upgrades (2018)	3286	-	-	15,345	-	-	-	11,300	11,544	12,337	50,526
3221-000 - Electrical System Evaluation (2019)	3221	-	-	7,004	-	-	-	5,152	5,266	5,630	23,052
3231-000 Facility Improvements B - Common Upgrades Construction	3231	-	-	117,219	-	-	-	86,217	88,115	94,212	385,763
Total PC 02 Common		-	-	139,568	-	-	-	102,669	104,925	112,179	459,341
Solids											
3209-000 - Facility Improvements - Co-Generation Rep. (2016)	3209	-	-	125,423	-	-	-	90,377	118,661	83,617	418,078
3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvements	3287	-	-	73,974	-	-	-	53,298	69,992	49,316	246,580
3222-000 - Centrate System Design (2019)	3222	-	-	(1,906)	-	-	-	(1,374)	(1,803)	(1,271)	(6,353)
3223-000 - Emulsion Polymer Feeder Replacement (2019)	3223	-	-	21,400	-	-	-	15,423	20,243	14,266	71,332
3224-000 - Digester No.4 Rehabilitation (2019)	3224	-	-	94,864	-	-	-	68,371	89,736	63,243	316,214
3225-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement	3225	-	-	(2)	-	-	-	(2)	(2)	(2)	(8)
Total PC 02 Solids		-	-	313,753	-	-	-	226,093	296,827	209,169	1,045,842
Total PC2 JB Latham		-	-	844,505	-	-	-	623,510	622,815	689,784	2,780,613
PC 05 San Juan Creek Ocean Outfall											
3601-000 Junction Structure Reinforcement Phase II (2016)	3601	-	(11,296)	(7,530)	-	-	-	(10,542)	(30,121)	(8,475)	(67,964)
3603-000 Dilution Study (2016)	3603	-	9,889	6,593	-	-	-	9,228	26,370	7,420	59,500
3650-000 - Junction Structure Reinforcement Construction (2017)	3650	-	(22,665)	(15,109)	-	-	-	(21,151)	(60,927)	(17,006)	(136,857)
3605-000 - Junction Structure Reinforcement Permitting and Final Design	3605	-	(142,047)	(94,698)	-	-	-	(132,561)	(378,791)	(106,577)	(854,673)
3606-000 - Junction Struction - Sleeve Insertion (2021)	3606	-	159,654	106,436	-	-	-	148,991	425,745	119,789	960,615
Total PC5 San Juan Creek Ocean Outfall		-	(6,464)	(4,308)	-	-	-	(6,034)	(17,724)	(4,850)	(39,379)

South Orange County Wastewater Authority

Total Large Capital Projects Cash Roll Forward for Q1 FY 2021-22

		Large Capital Cash Balance as of September 30, 2021									
		16	17	18	19	20	21	22	23	24	
		CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 15 Coastal Treatment Plant											
Liquids											
3504-000 - Aeration System Modification Design (2015)	3504	(9)	-	-	-	(1)	-	(7)	-	(7)	(23)
3514-000 - CTP Facility Upgrade Design and Financing (2016)	3514	(1,063)	-	-	-	(84)	-	(820)	-	(837)	(2,803)
3530-000 Aliso Sulfur Creek Confluence (2014)	3530	(12)	-	-	-	(1)	-	(9)	-	(9)	(31)
3532-000 - Fire Protection (2013)	3532	11,525	-	-	-	908	-	8,254	-	9,075	29,763
3534-000 - Export Sludge System (1997)	3534	(213)	-	-	-	(12)	-	(170)	-	(169)	(564)
3539-000 Facility Construction Improvements - Part II (2020)	3539	(249,977)	-	-	-	(19,684)	-	(192,893)	-	(196,828)	(659,381)
3551-000 - Add for CTP Facility Upgrade Design (2017)	3551	44,523	-	-	-	3,511	-	34,352	-	35,056	117,442
3553-000 - Plant Drainage Improvements (2017)	3553	91,039	-	-	-	7,175	-	70,248	-	71,684	240,146
3592-000 - Facility Improvements Project Design (2018)	3592	13,479	-	-	-	1,134	-	10,350	-	10,606	35,569
3525-000 - Personnel Building reconstruction (2019)	3525	70,549	-	-	-	5,555	-	54,440	-	55,551	186,094
3526-000 - Facility Improvements Project Construction - Part I (2019)	3526	(32)	-	-	-	(2)	-	(24)	-	(25)	(84)
3527-000 - Vehicle Storage Building Roof (2019)	3527	32,224	-	-	-	2,537	-	24,866	-	25,373	85,000
3528-000 - AWMA Road Sites West 1 and West 2 Embankment Protection	3528	41,695	-	-	-	3,283	-	32,174	-	32,831	109,983
3529-000 - Aliso Creek Long Term Repair Planning	3529	28,604	-	-	-	2,252	-	22,072	-	22,523	75,452
3541-000 Export Sludge System Construction (2020)	3541	(51,320)	-	-	-	(4,041)	-	(39,601)	-	(40,409)	(135,372)
35228L-000 - Aeration Blower System Upgrades	35228L	113,731	-	-	-	8,955	-	87,761	-	89,552	300,000
Total PC 15 Liquids		144,744	-	-	-	11,487	-	110,992	-	113,967	381,191
AWT											
3517-000 - AWT Backwash Pump Replacement (2016)	3517	-	-	-	-	-	-	-	-	(402)	(402)
3518-000 - Chlorine Mixer Replacement (15AWT) (2015)	3518	-	-	-	-	-	-	-	-	(7)	(7)
3519-000 - Hypochlorite Tank (AWT) (2013)	3519	-	-	-	-	-	-	-	-	(0)	(0)
3532-000 - Fire Protection	3532	-	-	-	-	-	-	-	-	(31,230)	(31,230)
3562-000 - Applied Water Pump System Replacement (AWT) (2017)	3562	-	-	-	-	-	-	-	-	9,441	9,441
3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)	3596	-	-	-	-	-	-	-	-	8,574	8,574
3597-000 - MCC A Replacement Design (15) (2018)	3597	-	-	-	-	-	-	-	-	55,890	55,890
3536-000 - Chlorine Contact Basin Mixer Design (AWT) (2018)	3536	-	-	-	-	25,142	-	-	-	25,142	25,142
3537-000 - MCC A Replacement Construction (AWT) (2019)	3537	-	-	-	-	-	-	-	-	(27,437)	(27,437)
3538-000 - AWT Filter Valve Upgrade Construction (AWT) (2019)	3538	-	-	-	-	-	-	-	-	(64,847)	(64,847)
Total PC 15 AWT		-	-	-	-	-	-	-	-	(24,875)	(24,875)
Total PC 15 Coastal Treatment Plant		144,744	-	-	-	11,487	-	110,992	-	89,092	356,316

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Large Capital Cash Balance as of September 30, 2021										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 17 Joint Regional Wastewater Reclamation										
Liquids/AWT										
3701-000 - Secondary Electrical System Rerouting (2014)	3701	-	-	-	-	-	(3,203,883)	-	-	(3,203,883)
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	3702	-	-	-	-	-	478,647	-	-	478,647
3707-000 - Influent Manholes 1 and 2 and Sewer Rehabilitation (2016)	3707	-	-	-	-	-	(121)	-	-	(121)
3708-000 - Influent Junction Structure Gate Replacement (2016)	3708	-	-	-	-	-	42	-	-	42
3712-000 - Grit Basin Drop Gate and Weir Replacement (2016)	3712	-	-	-	-	-	(4,681)	-	-	(4,681)
3713-000 - Primary Inlet Drop Gate Replacement (2016)	3713	-	-	-	-	-	(5)	-	-	(5)
3730-000 - Primary Gallery Upgrade (2014)	3730	-	-	-	-	-	101,082	-	-	101,082
3733-000 AWT Backwash Pipe Relocation (2014)	3733	-	-	-	-	-	(602)	-	-	(602)
3752-000 - AWT No.2 Upgrade Design (2017)013)	3752	-	-	-	-	-	(382)	-	-	(382)
3753-000 Aeration Diffuser Upgrade (2020)	3753	-	-	-	-	-	233,040	-	-	233,040
3758-000 AWT No.2 Reconstruction (2020)	3758	-	-	-	-	-	240,491	-	-	240,491
3781-000 - Primary Scum Skimmer Replacement (2018)	3781	-	-	-	-	-	10,888	-	-	10,888
3784-000 - Replace DAF (Mannich) Polymer System (2018)	3784	-	-	-	-	-	712,607	-	-	712,607
3785-000 - Replace DAF Dissolution Tank System and Compressors (2018)	3785	-	-	-	-	-	426,869	-	-	426,869
3786-000 - Primary Gallery Mechanical and Electrical Upgrade (2018)	3786	-	-	-	-	-	1,354,657	-	-	1,354,657
3787-000 - Aeration Area Upgrade Design (2018)	3787	-	-	-	-	-	18,379	-	-	18,379
3741-000 - Southwest Influent Sewer and MH Repair design (2019)	3741	-	-	-	-	-	99,741	-	-	99,741
3742-000 - Aeration System Upgrade (2019)	3742	-	-	-	-	-	343,990	-	-	343,990
3743-000 - Aeration Gate Replacement (2019)	3743	-	-	-	-	-	187,197	-	-	187,197
3755-000 Southeast Sewer Rehabilitation (2020)	3755	-	-	-	-	-	50,000	-	-	50,000
3756-000 Secondary Clarifier Safety Repairs (2020)	3756	-	-	-	-	-	17,665	-	-	17,665
3757-000 Miscellaneous Safety Improvements - Liquids (2020)	3757	-	-	-	-	-	7,762	-	-	7,762
3759-000 AWT No.2 Electrical Upgrades (2020)	3759	-	-	-	-	-	105,364	-	-	105,364
3766-000 AWT Sodium Hypochlorite Tanks Shade (2020)	3766	-	-	-	-	-	28,471	-	-	28,471
Total PC 17 Liquids		-	-	-	-	-	1,207,218	-	-	1,207,218
Common										
3715-000 - Switchgear Upgrade (2006)	3715	(2,964)	-	-	(4,850)	(156)	(36,934)	-	(2,369)	(47,273)
3717-000 - Security Fencing (2015)	3717	86	-	-	7	4	(165)	-	68	0
3718-000 - Access Bridge Upgrades (2015)	3718	650	-	-	48	29	(1,257)	-	521	(8)
3761-000 - External Lighting Upgrade	3761	22,511	-	-	38,296	1,192	293,960	-	17,986	373,946
3763-000 - Reroute Drains on Plant Perimeter (2017)	3763	1,687	-	-	3,073	90	23,898	-	1,349	30,096
3764-000 - SCADA Improvements (2017)	3764	726	-	-	2,762	45	23,535	-	575	27,642
3769-000 Trailer Drain Line (2020)	3769	(387)	-	-	(632)	(20)	(4,815)	-	(309)	(6,163)
3788-000 - PLC Upgrade	3788	(3,255)	-	-	(4,470)	(168)	(32,677)	-	(2,603)	(43,173)
3789-000 - Switchgear Upgrade Project Completion (2018)	3789	(920)	-	-	(1,505)	(48)	(11,459)	-	(735)	(14,666)
3744-000 - Admin Building Repair design (2019)	3744	854	-	-	1,398	45	10,645	-	683	13,625

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		Large Capital Cash Balance as of September 30, 2021									
		16	17	18	19	20	21	22	23	24	
		CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
3745-000 - West Slope Protection Evaluation (2019)	3745	2,261	-	-	3,700	119	-	28,176	-	1,807	36,064
3746-000 - Motor Control Center A, G, H Design (2019)	3746	5,493	-	-	8,988	289	-	68,443	-	4,390	87,603
3747-000 -Southside Plant Manhole Reconstruction (2019)	3747	947	-	-	1,550	50	-	11,805	-	757	15,109
3748-000 - SE electrical Manhole reconstruction (2019)	3748	7,388	-	-	12,089	389	-	92,055	-	5,904	117,824
37229C-000 - Laboratory Reconstruction	37229C	2,398	-	-	3,924	126	-	29,884	-	1,917	38,250
Total PC 17 Common		37,476	-	-	64,378	1,984	-	495,096	-	29,941	628,875
Solids											
3722-000 - Co-gen Sys Retrofit (formerly Siloxane) (2015)	3722	36,422	-	-	66,258	1,912	-	190,941	-	29,089	324,623
3723-000 - Recoat Top of Digesters (2016)	3723	0	-	-	(1)	(0)	-	0	-	1	(0)
3724-000 Energy Building Structural and HVAC Modifications (2015)	3724	(1,060)	-	-	(1,928)	(56)	-	(5,556)	-	(846)	(9,445)
3726-000 Co-Generation System Retrofit Design	3726	(374)	-	-	(681)	(20)	-	(1,961)	-	(299)	(3,335)
3770-000 - Additional Budget CoGen Upgrade (2017)	3770	0	-	-	-	-	-	1	-	-	1
3790-000 - Solids Area Upgrade Design (2018)	3790	3,286	-	-	5,979	173	-	17,231	-	2,625	29,294
3791-000 - Cogeneration Area Upgrade Project Completion (2018)	3791	1	-	-	1	-	-	1	-	1	2
3749-000 - Phase I Solids Piping Upgrade (2019)	3749	96,097	-	-	174,806	5,054	-	503,780	-	76,740	856,477
3750-000 - Dewatering room Floor Sealing and Lighting (2019)	3750	11,676	-	-	21,239	614	-	61,210	-	9,324	104,063
3751-000 - Energy Building Roof and Breezeway (2019)	3751	9,560	-	-	17,391	503	-	50,121	-	7,634	85,210
3754-000 - SET Piping Reconstruction (2019)	3754	6,115	-	-	11,123	322	-	32,057	-	4,883	54,500
3771-000 - Miscellaneous Safety Improvements - Solids (2020)	3771	8,718	-	-	15,859	459	-	45,704	-	6,962	77,702
3772-000 - Hot Water Piping Reconstruction (2020)	3772	35,139	-	-	63,920	1,848	-	184,211	-	28,061	313,178
3773-000 - Co-Generation System Modifications (2020)	3773	25,057	-	-	45,581	1,318	-	131,361	-	20,011	223,328
Total PC 17 Solids		230,638	-	-	419,548	12,126	-	1,209,101	-	184,184	2,055,597
Total PC 17 Joint Regional Wastewater Reclamation		268,114	-	-	483,927	14,110	-	2,911,415	-	214,125	3,891,691
PC 21 Effluent Transmission Main											
Reach B/C/D											
3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	3101	-	-	-	144,119	-	144,117	-	-	-	288,235
3105-000 - Air Valve Replacement Design and Permitting (D) (2020)	3105	-	-	-	18,262	-	18,262	-	-	-	36,523
3107-000 - Air Valve Replacement Construction (D) (2021)	3107	-	-	-	19,000	-	19,000	-	-	-	38,000
Total PC21 Reach B/C/D		-	-	-	181,380	-	181,378	-	-	-	362,758
Reach E											
3104-000 - Aliso Creek Long term Repair Planning (E) (2019)	3104	-	-	-	39,266	-	39,266	-	-	-	78,533
3106-000 - Air Valve Replacement Design and Permitting (E) (2020)	3106	-	-	-	17,439	-	17,439	39,997	-	-	74,875
3108-000 - Air Valve Replacement Construction (E) (2021)	3108	-	-	-	14,440	-	14,440	33,120	-	-	62,000
Total PC21 Reach E		-	-	-	71,145	-	71,145	73,117	-	-	215,407
Total PC 21 Effluent Transmission Main		-	-	-	252,525	-	252,523	73,117	-	-	578,166

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PC 24 Aliso Creek Ocean Outfall

3401-000 - Emergency Plan Development (2016)	3401
3407-000 - Internal Seal Replacement (2018)	3407
3408-000 - Sampling System Repair (2020)	3408
3480-000 - Internal Seal Replacement (2020)	3480

Total PC 24 Aliso Creek Ocean Outfall

Total Large Capital Cash

Large Capital Cash Balance as of September 30, 2021										
16	17	18	19	20	21	22	23	24		
CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total	
	25	-	-	37	2	36	99	-	28	226
	(47)	-	-	(70)	(3)	(68)	(189)	-	(53)	(431)
	9,269	-	-	13,737	658	13,280	36,952	-	10,374	84,270
	13,067	-	-	19,363	927	18,721	52,090	-	14,624	118,792
	22,313	-	-	33,066	1,583	31,970	88,953	-	24,972	202,856
	435,172	(6,464)	840,197	769,518	27,180	284,493	3,801,953	605,091	1,013,124	7,770,263

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Small Capital Cash Roll Forward FY 2021-22

Small Capital Cash Balance as of September 30, 2021										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 02 J B Latham										
Liquids										
2221-004			(10,879)	-	-	-	(8,160)	(6,120)	(10,199)	(35,358)
2221-006			(4,562)	-	-	-	(3,422)	(2,566)	(4,277)	(14,828)
2222-001			538	-	-	-	404	303	505	1,750
2222-002			2,231	-	-	-	1,673	1,255	2,091	7,250
2222-003			1,692	-	-	-	1,269	952	1,587	5,500
2222-004			2,308	-	-	-	1,731	1,298	2,163	7,500
2222-005			1,924	-	-	-	1,441	1,082	1,803	6,250
2222-006			1,154	-	-	-	865	649	1,082	3,750
2222-007			2,231	-	-	-	1,673	1,255	2,091	7,250
2222-008			1,538	-	-	-	1,155	865	1,442	5,000
2222-009			1,923	-	-	-	1,442	1,082	1,803	6,250
2222-010			769	-	-	-	577	433	721	2,500
2222-011			13,846	-	-	-	10,385	7,788	12,981	45,000
Total Liquids	-	-	14,712	-	-	-	11,034	8,276	13,792	47,814
Common										
2222-012			760	-	-	-	558	571	611	2,500
2222-013			3,798	-	-	-	2,794	2,855	3,053	12,500
2222-014			1,139	-	-	-	838	857	916	3,750
2222-015			4,938	-	-	-	3,632	3,712	3,968	16,250
Total PC 2 Common	-	-	10,635	-	-	-	7,822	7,995	8,548	35,000
Solids										
2221-028			(9,694)	-	-	-	(6,986)	(9,170)	(6,462)	(32,312)
2222-016			1,725	-	-	-	1,243	1,632	1,150	5,750
2222-017			(543)	-	-	-	(391)	(514)	(362)	(1,810)
2222-018			750	-	-	-	541	709	500	2,500
2222-019			4,125	-	-	-	2,973	3,902	2,750	13,750
2222-020			1,500	-	-	-	1,081	1,419	1,000	5,000
2222-021			375	-	-	-	270	355	250	1,250
2222-022			1,875	-	-	-	1,351	1,774	1,250	6,250
2222-023			(6,786)	-	-	-	(4,891)	(6,419)	(4,524)	(22,621)
Total PC 2 Solids	-	-	(6,673)	-	-	-	(4,810)	(6,312)	(4,449)	(22,243)
Total PC2 JB Latham	-	-	18,674	-	-	-	14,046	9,959	17,892	60,571

South Orange County Wastewater Authority
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Small Capital Cash Balance as of September 30, 2021											
	16	17	18	19	20	21	22	23	24		
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total	
PC 15 Coastal Treatment Plant											
Liquids											
2222-001	2 ISCO Samplers (between 3 PC's)	663	-	-	-	52	-	513	-	522	1,750
2222-002	Laboratory Equipment and Probe Replacements (between 3 PC's)	1,896	-	-	-	149	-	1,463	-	1,492	5,000
2522-025	Pump/Blower Overhauls	(1,550)	-	-	-	(122)	-	(1,195)	-	(1,220)	(4,087)
2522-026	Pump Control Rehabilitations	3,791	-	-	-	299	-	2,925	-	2,985	10,000
2522-027	Building Lighting Improvements	4,739	-	-	-	373	-	3,657	-	3,731	12,500
2522-028	Two Spare Foul Air Fans	3,317	-	-	-	261	-	2,560	-	2,612	8,750
2522-029	Liquids Buildings Door Replacements	2,313	-	-	-	182	-	1,784	-	1,821	6,100
2522-030	Gallery Area Floor Rehabilitations	5,687	-	-	-	448	-	4,387	-	4,478	15,000
2522-031	Building #13 Roof Replacement	2,843	-	-	-	224	-	2,194	-	2,239	7,500
2522-032	Potable Water Station Rehabilitation	3,791	-	-	-	299	-	2,925	-	2,985	10,000
2522-033	Drainage Pumping Station Roof Replacement	2,369	-	-	-	187	-	1,828	-	1,866	6,250
2522-034	Headworks Driveway Replacement	1,896	-	-	-	149	-	1,462	-	1,493	5,000
Total PC 15 Liquids		31,755	-	-	-	2,501	-	24,503	-	25,004	83,763
Common											
2221-021	Ultrasonic Testing Equipment (between 3 PC's)	(5,005)	-	-	-	(394)	-	(3,862)	-	(3,941)	(13,203)
2520-022	Fixed Gas Detector Equipment	(25,787)	-	-	-	(2,030)	-	(19,898)	-	(20,304)	(68,020)
2222-013	Site Security and Access Upgrades 2022 (between 3 PC's)	4,265	-	-	-	336	-	3,291	-	3,358	11,250
2222-015	PA System (between 3 PC's)	6,159	-	-	-	483	-	4,756	-	4,852	16,250
2522-035	Safety Equipment	948	-	-	-	75	-	731	-	746	2,500
2522-036	Landscape Renovations 21-22	3,412	-	-	-	269	-	2,632	-	2,687	9,000
2522-038	Replacement Roll Up Door	2,843	-	-	-	224	-	2,194	-	2,239	7,500
2522-039	CTP PLC Hardware Upgrades and Replacements 21-22	1,422	-	-	-	112	-	1,097	-	1,119	3,750
2522-040	CTP HP SCADA Server Switch	1,422	-	-	-	112	-	1,097	-	1,119	3,750
2522-041	CTP OIT Replacements 21-22	948	-	-	-	75	-	731	-	746	2,500
Total PC 15 Common		(9,373)	-	-	-	(739)	-	(7,232)	-	(7,380)	(24,723)
AWT											
2522-043	Replacement Turbidity Meter	-	-	-	-	-	-	-	-	1,750	1,750
Total PC 15 AWT		-	-	-	-	-	-	-	-	1,750	1,750
Total PC 15 Coastal Treatment Plant		22,382	-	-	-	1,763	-	17,271	-	19,374	60,790
PC 17 Joint Regional Wastewater Reclamation											

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		Small Capital Cash Balance as of September 30, 2021									
		16	17	18	19	20	21	22	23	24	
		CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
Liquids											
2222-001	2 ISCO Samplers (between 3 PC's)	-	-	-	-	-	-	1,750	-	-	1,750
2222-002	Laboratory Equipment and Probe Replacements (between 3 PC's)	-	-	-	-	-	-	5,000	-	-	5,000
2722-046	Scum Pump Overhaul/Replacements	-	-	-	-	-	-	8,250	-	-	8,250
2722-047	Rebuild Low Pressure Water Pump	-	-	-	-	-	-	2,500	-	-	2,500
2722-048	Grit Pump Overhaul/Replacements	-	-	-	-	-	-	8,500	-	-	8,500
2722-049	Primary Pump Overhaul/Replacements	-	-	-	-	-	-	3,500	-	-	3,500
2722-050	Interstage Pump Overhaul	-	-	-	-	-	-	12,250	-	-	12,250
2722-051	Replacement RAS Valves	-	-	-	-	-	-	(17,665)	-	-	(17,665)
2722-052	Spare RAS Bleach Pump	-	-	-	-	-	-	6,250	-	-	6,250
2722-053	Headworks Area Building Doors	-	-	-	-	-	-	8,750	-	-	8,750
2722-054	Primary Area Building Doors	-	-	-	-	-	-	8,250	-	-	8,250
2722-072	Effluent Discharge Channel Cover	-	-	-	-	-	-	(24,379)	-	-	(24,379)
Total PC 17 Liquids		-	-	-	-	-	-	22,956	-	-	22,956
Common											
2222-013	Site Security and Access Upgrades 2022 (between 3 PC's)	1,096	-	-	1,796	58	-	13,672	-	878	17,500
2222-015	PA System (between 3 PC's)	1,066	-	-	1,744	56	-	13,282	-	852	17,000
2722-055	Safety Equipment	157	-	-	257	8	-	1,953	-	125	2,500
2722-056	Access Road Repaving	392	-	-	641	21	-	(14,067)	-	313	(12,700)
2722-057	Landscape Renovations 21-22	314	-	-	513	17	-	3,905	-	251	5,000
2722-059	RTP HP SCADA Server Switch	235	-	-	385	12	-	2,930	-	188	3,750
Total PC 17 Common		3,260	-	-	5,336	172	-	21,675	-	2,607	33,050
Solids											
2722-061	Solids Area Buildings Replacement Doors	1,262	-	-	2,296	66	-	6,618	-	1,008	11,250
2722-062	Spare Centrifuge Feed Pump	(2,317)	-	-	(4,215)	(122)	-	(12,146)	-	(1,850)	(20,650)
2722-063	Spare Centrifuge Cyclo Drive	701	-	-	1,276	37	-	3,676	-	560	6,250
2722-064	Replacement Digester Sludge Pump	1,459	-	-	2,653	77	-	7,646	-	1,165	13,000
2722-065	ORT Fan Replacement/Overhaul	505	-	-	918	27	-	2,647	-	403	4,500
2722-066	Sludge Hauling Trailer Renovation	196	-	-	357	10	-	1,030	-	157	1,750
2722-067	Peterbilt Transmission Upfit (PC2/PC17)	140	-	-	255	7	-	736	-	112	1,250
2722-071	Replacement Digester Flame Arrestor	(2,709)	-	-	(4,928)	(142)	-	(14,203)	-	(2,164)	(24,146)
2722-073	RTP Sludge Flow Meter Replacements	(2,127)	-	-	(3,870)	(112)	-	(11,153)	-	(1,699)	(18,961)
Total PC 17 Solids		(2,890)	-	-	(5,258)	(152)	-	(15,149)	-	(2,307)	(25,758)

South Orange County Wastewater Authority
 Small Capital Cash Roll Forward FY 2021-22

		Small Capital Cash Balance as of September 30, 2021									
		16	17	18	19	20	21	22	23	24	
		CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
AWT											
2721-019	Overhaul AWT Valve Actuator Systems	-	-	-	-	-	-	(76,659)	-	-	(76,659)
2722-068	Chlorine Contact Gates	-	-	-	-	-	-	12,250	-	-	12,250
2722-069	Spare Pulsafeeder Pump	-	-	-	-	-	-	5,000	-	-	5,000
	Total PC 17 AWT	-	-	-	-	-	-	(59,409)	-	-	(59,409)
	Total PC 17 Joint Regional Wastewater Reclamation	370	-	-	78	20	-	(29,927)	-	300	(29,161)
	Total Small Capital Cash	22,752	-	18,674	78	1,782	-	1,390	9,959	37,565	92,201

**South Orange County Wastewater Authority
Total Non-Capital Cash Roll Forward Q1 FY 2021-22**

Non-Capital Cash Balance as of September 30, 2021										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 02 J B Latham										
Liquids										
4201-000 - Plant 1 Blower Building Condition Assessment (2020)	-	-	(2,556)	-	-	-	(1,917)	(1,438)	(2,396)	(8,307)
Total Liquids	-	-	(2,556)	-	-	-	(1,917)	(1,438)	(2,396)	(8,307)
Common										
42221C-000 - Site Storage Evaluation	-	-	-	-	-	-	-	-	-	-
42222C-000 - Electrical Conduit and Cable Master Plan	-	-	-	-	-	-	-	-	-	-
Total Common	-	-	-	-	-	-	-	-	-	-
Total PC2 JB Latham	-	-	(2,556)	-	-	-	(1,917)	(1,438)	(2,396)	(8,307)
PC 15 Coastal Treatment Plant										
Liquids										
45211L-000 - Plant Reconfiguration Feasibility Study	(1,066)	-	-	-	(84)	-	(823)	-	(840)	(2,813)
45226L-000 - Consequence of Failure Analysis	9,478	-	-	-	746	-	7,313	-	7,463	25,000
45212L-000 - Site Storage Evaluation	-	-	-	-	-	-	-	-	-	-
Total Liquids	8,411	-	-	-	662	-	6,491	-	6,623	22,188
Total PC 15 Coastal Treatment Plant	8,411	-	-	-	662	-	6,491	-	6,623	22,188
PC 17 Joint Regional Wastewater Reclamation										
Liquids										
47222L-000 - Secondary Effluent Conveyance Evaluation										
Total Liquids										
Common										
47212C-000 - Site Storage Evaluation	-	-	-	-	-	-	-	-	-	-
47224C-000 - Consequence of Failure Analysis	-	-	-	-	-	-	-	-	-	-
Total Common	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Cash	8,411	-	(2,556)	-	662	-	4,574	(1,438)	4,227	13,881

South Orange County Wastewater Authority
 Total Non Capital Miscellaneous Cash Roll Forward Q1 FY 2021-22

		Non-Capital Miscellaneous Cash Balance as of September 30, 2021									
		16	17	18	19	20	21	22	23	24	Total
		CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	
PC 17 Joint Regional Wastewater Reclamation											
Solids											
5204-000(b)	PC 17 Innovative Biosolids Solids (2020)	-	-	-	-	-	-	-	-	-	-
5205-000(b)	PC 17 Asset Register Pilot Project Solids (2020)	-	-	-	-	-	-	-	-	-	-
5704-000	Engine Permitting (2020)	-	-	-	-	-	-	-	-	-	-
5706-000	Update Cost Escalation Analysis (2020)	-	-	-	-	-	-	-	-	-	-
5707-000	ARC Flash Analysis Update (2020)	-	-	-	-	-	-	-	-	-	-
57224S-000	Cogen SGIP (2022)	555	-	-	1,011	29	-	2,911	-	444	4,950
	Total PC 17 Solids	555	-	-	1,011	29	-	2,911	-	444	4,950
AWT											
	Total PC 17 AWT	-	-	-	-	-	-	-	-	-	-
	Total PC 17 Joint Regional Wastewater Reclamation	555	-	-	1,011	29	-	2,911	-	444	4,950
	Total Non-Capital Miscellaneous Cash	555	-	-	1,011	29	-	2,911	-	444	4,950

Agenda Item

4.G.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Fiscal Year 2020-21 Supplemental Financial Statements

Summary/Discussion

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

The reports included are as follows:

- a) Management Discussion and Analysis of Supplemental Financial Statements
- b) Balance Sheet/Statement of Net Position as of June 30, 2021
- c) Income Statement/Statement of Revenues, Expenses and Changes in Net Position for the Fiscal Year Ended June 30, 2021

Recommended Action: The Finance Committee recommends to the Board of Directors to receive and file the Supplemental Financial Statements for Fiscal Year ended June 30, 2021.



South Orange County Wastewater Authority

MANAGEMENT'S DISCUSSION AND ANALYSIS

Supplemental Financial Statements by Project Committee and Member Agency
For Fiscal Year Ended June 30, 2021

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

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

I. Balance Sheet/Statement of Net Position:

Cash and Investments by Member Agency include the following items as of June 30, 2021:

Cash and Investments by Member Agency									
Member Agency	Cash Roll Forward Balances				O&M Use Audit	Compensated Absences ⁵	Other Cash ⁶	Total	Mbr. Agcy Agency %
	Large Capital ¹	Small Capital ²	Non- Capital ³	Non-Cap. Misc. ⁴					
City of Laguna Beach	\$46,403	\$65,537	\$17,662	(\$2,980)	\$240,505	\$97,736	\$16,934	\$481,797	
City of San Clemente	(6,464)	-	8,659	249	(3,857)	6,522	53	5,162	
City of San Juan Capistrano	866,683	94,036	22,706	19,176	236,757	96,074	15,915	1,351,347	
Emerald Bay Service District	(3,417)	4,710	1,275	(517)	(25,724)	4,280	792	(18,601)	
El Toro Water District	776,853	16,667	7,252	42,858	52,167	26,166	13,206	935,170	
Irvine Ranch Water District	292,571	(14,034)	-	23,751	1,785	6,132	4,708	314,913	
Moulton Niguel Water District	3,658,292	406,933	86,268	73,462	115,932	358,431	81,508	4,780,826	
South Coast Water District	753,191	65,694	36,849	13,038	330,976	183,192	23,093	1,406,032	
Santa Margarita Water District	589,748	69,692	31,883	15,342	(710,354)	98,148	10,760	105,220	
Trabuco Canyon Water District	-	-	-	-	(23,129)	562	-	(22,567)	
Cash by Member Agency	\$6,973,860	\$709,236	\$212,552	\$184,379	\$215,060	\$877,242	\$166,969	\$9,339,298	61.48%
Cash for Accounts Payable, Payroll Accrual, Prepaid Expense & oth AR								5,851,623	38.52%
Total Cash								\$15,190,921	100.00%

¹Large Capital cash balance was \$6,973,860 before the Use Audit; a refund of \$1,511,608 will be paid with the Use Audit Settlement.

²Small Capital cash balance was \$709,236; \$692,175 will be refunded in the Use Audit Settlement and \$17,061 will carryover to FY 2021-22 for in-process projects.

³Non-Capital cash balance was \$212,552; the total amount will be refunded in the Use Audit Settlement.

⁴Non-Capital Miscellaneous cash balance was \$184,379; the total amount will be refunded in the Use Audit Settlement.

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

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South Orange County Wastewater Authority

⁶Additional Cash, \$166,969, is primarily Interest Income on capital cash balances in LAIF.

The Authority has identified 61% of its Cash by Member Agency. The remaining cash, \$5.9 million, is primarily accounts payable obligations. Accounts payable is only recorded by project committee due to their short term nature and the corresponding debit is recorded to O&M expenses and Capital expenditures which is maintained by project committee and Member Agency.

Receivables:

All Member Agencies invoices were paid; the \$59 thousand in accounts is primarily \$42 thousand direct billing to Moulton Niguel Water District and Santa Margarita Water District from the State Water Resources Control Board; \$15 thousand related to the cost-sharing agreement for the wall separating JB Latham and the Condominiums, and Pre-Treatment billings to commercial businesses, \$1.1 thousand.

Due from Member Agencies:

Fiscal Year 2020-21 unsettled Use Audit, expenditures greater than amounts invoiced to the Member Agencies. Project Committee and Member Agency distribution are from the Use Audits.

LAIF Interest Receivable:

Distributed by Project Committee and Member Agency based on FY 2020-21 Large Capital Cash Balance per agreement with the Finance Officers.

Capital Assets:

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

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

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

Due to Member Agencies:

Fiscal year 2019-20 unsettled Use Audits, expenditures less than amounts invoiced to the Member Agencies. Project Committee and Member Agency distribution are from the Use Audits.



South Orange County Wastewater Authority

Compensated Absences-Current and Long Term:

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

GASB 75 Net OPEB (retiree health) Liability:

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

GASB 68 Net Pension Liability:

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

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

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



South Orange County Wastewater Authority

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

Operating Revenues are from FY 2020-21 Use Audit and are equal to actual FY 2020-21 total O&M expenses.

FY 2020-21 Use Audit Summary

SOCWA by Member Agency	Actual Spending and Actual Usage							USE Audit Results
	O&M			Small Capital ²	Large Capital ³	Non-Capital ⁴	Non-Capital Misc. ⁵	
	FY 2020-21 Budget ¹	FY 2020-21 Actual	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	
City of Laguna Beach	\$2,362,387	\$2,121,882	\$240,505	\$59,069	\$153,516	\$17,662	(\$2,980)	\$467,772
City of San Clemente	169,084	172,941	(3,857)	-	(16,353)	8,659	249	(11,302)
City of San Juan Capistrano	2,371,000	2,134,243	236,757	94,036	4,444	22,706	19,176	377,120
El Toro Water District	936,140	883,973	52,167	16,667	184,931	7,252	42,858	303,876
Emerald Bay Service District	141,095	166,819	(25,724)	4,201	9,447	1,275	(517)	(11,318)
Irvine Ranch Water District	169,545	167,760	1,785	(14,034)	-	-	23,751	11,502
Moulton Niguel Water District	9,375,219	9,259,287	115,932	401,942	1,086,095	86,268	73,462	1,763,699
Santa Margarita Water District	1,961,221	2,671,575	(710,354)	69,692	(32,550)	31,883	15,342	(625,986)
South Coast Water District	4,188,733	3,857,757	330,976	60,601	122,078	36,849	13,038	563,541
Trabuco Canyon Water District	46,652	69,781	(23,129)					(23,129)
Total Member Agency	\$21,721,076	\$21,506,016	\$215,060	\$692,175	\$1,511,608	\$212,552	\$184,379	\$2,815,775

South Orange County Wastewater Authority			
Statement of Revenues, Expenses and Changes in Net Position			
For the year ended June 30, 2021			
	SOCWA	PC23	Consolidated
	Actual	Actual	Actual
	6/30/2021	6/30/2021	6/30/2021
OPERATING REVENUES			
O & M Member Agency Assessments			
City of Laguna Beach	2,121,882	509,468	2,631,349
City of San Clemente	172,941		172,941
City of San Juan Capistrano	2,134,243		2,134,243
El Toro Water District	883,973		883,973
Emerald Bay Service District	166,819		166,819
Irvine Ranch Water District	167,760		167,760
Moulton Niguel Water District	9,259,287		9,259,287
Santa Margarita Water District	2,671,575		2,671,575
South Coast Water District	3,857,757		3,857,757
Trabuco Canyon Water District	69,781		69,781
Total O & M Member Agency Assessments	21,506,016	509,468	22,015,484

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 IRVINE RANCH WATER DISTRICT • MOULTON NIGUEL WATER DISTRICT • SANTA MARGARITA WATER DISTRICT • SOUTH COAST WATER DISTRICT • TRABUCO CANYON WATER DISTRICT



South Orange County Wastewater Authority

Operating Expenses:

Unfunded Pension Liability (UAL) and Other Post-Employment Benefits (OPEB) annual expense was removed from the fringe pool in the current year and is distributed by project committee and Member Agency using the Board Approved Actuarial Methodology.

O&M Direct expenses are from FY 2020-21 Use Audit, O&M and Environmental Compliance, Safety actual expenses distributed by Project Committee and Member Agency.

Admin, General Fund and Engineering are from FY 2020-21 Use Audit distribution by Project Committee and Member Agency.

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

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

Other Expenses:

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

Additional Cash Payment to Member Agencies were the payments to Member Agencies for Cash from Other Sources as of June 30, 2020.

	Cash from Other Sources										
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	TCWD	Total
PC2			44,840				33,326	30,135	38,591		146,891
PC5		1,039	693				970	2,756	780		6,238
PC8	(1)	(5)	(3)	(1)	(1)	(4)	(9)	(9)	(7)		(41)
PC12			(8)				(22)	(22)	(9)	(8)	(70)
PC15	63,999				4,982		42,717		55,642		167,340
PC17	10,160			18,388	536		168,787		8,135		206,007
PC21				7,811		7,811	1,451				17,073
PC23	(7)										(7)
PC24	722			1,070	51	1,035	2,879		808		6,565
Total	74,872	1,035	45,522	27,267	5,569	8,841	250,099	32,859	103,940	(8)	549,996

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



South Orange County Wastewater Authority

Capital Contributions:

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

Non-Operating Revenues (Expenses):

Grant Revenue:

The Cash received for the Grant Revenue was included in Large Capital Cash Roll Forward by project committee, capital project and member agency for Co-Gen Projects.

Interest Income:

Distributed by Project Committee and Member Agency based on FY 2020-21 Large Capital Cash Balance per agreement with the Finance Officers.

Recycling Income was distributed by member agency based on capital ownership percentages.

South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC 23	SOCWA Consolidated	Board Approved Allocation %'s
01	PC 2	PC 3	PC 5	PC 8	PC 12 (2SO)	PC 15	PC 17	PC 21	PC 23	PC 24		PC 23		
ASSETS														
Current Assets														
Cash and Investments by Member Agency:¹														
City of Laguna Beach	\$ -	\$ -	\$ -	\$ -	\$ 2,317	\$ -	\$ 23,132	\$ 451,958	\$ -	\$ (24,987)	\$ 29,377	\$ 481,797	\$ -	\$ 481,797
City of San Clemente			2,894	2,267							5,162		5,162	
City of San Juan Capistrano	1,363,517		3,923	2,632	(18,724)						1,351,347		1,351,347	
Emerald Bay Service District				(1,641)		(27,197)	9,728		(1,870)	2,379	(18,601)		(18,601)	
El Toro Water District				684	213		613,213	277,494		43,566	935,170		935,170	
Irvine Ranch Water District				(265)	442		(1,945)	277,767		38,915	314,913		314,913	
Moulton Niguel Water District	1,052,197	18,714	4,904	8,835	(48,453)	(82,768)	3,634,025	76,568		116,804	4,780,826		4,780,826	
South Coast Water District	1,165,407		(11,693)	3,402	(25,735)	(21,016)	277,214			18,453	1,406,032		1,406,032	
Santa Margarita Water District	144,451	3,675	12,035	5,432	(60,373)						105,220		105,220	
Trabuco Canyon Water District					(22,567)						(22,567)		(22,567)	
Total Cash and Investments by Member Agency	3,725,572	22,389	12,063	23,663	(175,199)	(107,848)	4,984,192	631,829	(26,857)	249,494	9,339,298		9,339,298	
Cash for Accounts Payable, Payroll Accrual & Prepaid Expense	215,447	1,801,401	100,758	(273)	169,932	2,562,836	965,216	27,553	317.70	8,436	5,851,623		5,851,623	
Total Cash and Investments ⁵	215,447	5,526,973	22,389	112,821	23,390	(5,267)	2,454,988	5,949,408	659,383	(26,539)	257,929	15,190,921	15,190,921	
Receivables:²														
Moulton Niguel Water District					10,533						10,533		10,533	
Santa Margarita Water District					31,598						31,598		31,598	
Other	1,200	15,000		1,148							17,348		17,348	
Total Accounts Receivable	1,200	15,000		1,148	42,130						59,478		59,478	
Due from Member Agencies³														
City of Laguna Beach						13,879	1,084		30,287		45,250		45,250	
City of San Clemente			20,010	200							20,210		20,210	
City of San Juan Capistrano			11,802		19,191						30,993		30,993	
Emerald Bay Service District				1,987		17,944	6,142		1,870		27,944		27,944	
El Toro Water District					60			12,089			12,149		12,149	
Irvine Ranch Water District				2,468	78		1,945	12,089			16,580		16,580	
Moulton Niguel Water District			16,565		51,923	10,711	152,271				231,470		231,470	
South Coast Water District			29,066		26,441	10,930	37,366			9,804	113,606		113,606	
Santa Margarita Water District	649,202		46,446		63,636						759,284		759,284	
Trabuco Canyon Water District					23,129						23,129		23,129	
Total Due from Member Agencies	649,202		123,888	4,655	184,459	53,464	198,808	24,178	32,157	9,804	1,280,615		1,280,615	
LAIF Interest Receivable⁴														
City of Laguna Beach						(360)	395			33	69		69	
City of San Clemente			(10)								(10)		(10)	
City of San Juan Capistrano	1,286		(6)								1,280		1,280	
Emerald Bay Service District						(28)	21			2	(5)		(5)	
El Toro Water District							714	385		49	1,147		1,147	
Irvine Ranch Water District								385		47	432		432	
Moulton Niguel Water District	954		(9)		(279)	4,495		111		131	5,403		5,403	
South Coast Water District	1,087		(7)		(320)	316				37	1,112		1,112	
Santa Margarita Water District	897		(26)								871		871	
Trabuco Canyon Water District														
Total LAIF Interest Receivable	4,224		(58)			(986)	5,940	880		300	10,300		10,300	
Total Receivables, net	1,200	668,427	-	123,830	5,803	226,588.82	52,477	204,748	25,059	32,157	10,103.26	1,350,393	1,350,393	

¹PC 23 Assets are owned by SOCWA ; recordkeeping is done by the City of Laguna Beach, any differences between SOCWA's books and the City of Laguna Beach are added to SOCWA's annual financial statements.

²Includes Large Capital, FY 20-21 Use Audit , Small Capital and Non-Capital, Compensated Absences, and Additional Cash from other sources.

³State Water Resources Control Board billings to MNWD and SMWD; Costs sharing for PC 2, wall between plant and condos, and Pre-Treatment billings to commercial businesses.

⁴Use Audit costs greater than amount invoiced.

⁵Distributed by Project Committee and Member Agency based on Large Capital Cash Balance as of 6/30/2021.

⁶PC 3 Cash for GASB 68 Pension and GASB 75 OPEB (retiree health) distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology jointly recommended by SOCWA and Actuaries.

South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2021

	General Agency 01	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC 23	SOCWA Consolidated	Board Approved Allocation %s
Prepaid items	106,431	23,229		2,217	1,221	2,515	20,075	39,516	953		2,552	198,709			198,709
Total Current Assets	323,078	6,218,628	22,389	238,868	30,414	223,837	2,527,541	6,193,672	685,394	5,618	270,584	16,740,023			16,740,023
Noncurrent Assets															
Land		653,224					7,160,000	6,589,000				14,402,224			14,402,224
Capital Assets Not Depreciated		10,902,356		15,500			5,022,452	1,217,997	332,159		63,398	17,553,862	61,067		17,614,929
Capital assets, depreciable, net	14,936	34,690,013		2,218,816			35,996,998	38,645,114	2,120,088	3,508,847		117,194,812	3,528,226		120,723,038
Total Noncurrent Assets	14,936	46,245,593		2,234,316			48,179,450	46,452,111	2,452,247	3,508,847	63,398	149,150,898	3,589,294		152,740,191
Total ASSETS	338,014	52,464,221	22,389	2,473,185	30,414	223,837	50,706,991	52,645,783	3,137,641	3,514,465	333,982	165,890,921	3,589,294		169,480,214
Deferred Outflows of Resources															
Pensions related deferred outflows of resources⁶															
City of Laguna Beach					6,044		263,778	71,344			9,795	350,962		350,962	10.71%
City of San Clemente				13,484	8,905							22,390		22,390	0.68%
City of San Juan Capistrano		320,652		12,268	8,559	501						341,979		341,979	10.43%
Emerald Bay Service District					605		11,476	2,758			420	15,260		15,260	0.47%
El Toro Water District					4,830	369		90,983			17,728	113,910		113,910	3.47%
Irvine Ranch Water District					9,186	598					15,079	24,864		24,864	0.76%
Moulton Niguel Water District		181,837	270,620	9,726	18,726	3,066	29,659	923,902		22,716	1,460,251	1,460,251		1,460,251	44.55%
South Coast Water District		253,220		9,108	14,221	718	283,435	50,003		4,726	615,429	615,429		615,429	18.77%
Santa Margarita Water District		233,987	53,140	24,614	17,954	2,697					332,391	332,391		332,391	10.14%
Trabuco Canyon Water District						626					626	626		626	0.02%
Total Pensions related deferred outflows of resources		989,694	323,759	69,199	89,030	8,575	588,349	1,138,990			70,464	3,278,060		3,278,060	100.00%
OPEB related deferred outflows of resources⁶															
City of Laguna Beach					1,091		47,599	12,874			1,768	63,332		63,332	10.71%
City of San Clemente				2,433	1,607							4,040		4,040	0.68%
City of San Juan Capistrano		57,862		2,214	1,544	90						61,711		61,711	10.43%
Emerald Bay Service District					109		2,071	498			76	2,754		2,754	0.47%
El Toro Water District					872	67		16,418			3,199	20,555		20,555	3.47%
Irvine Ranch Water District					1,658	108					2,721	4,487		4,487	0.76%
Moulton Niguel Water District		32,813	48,834	1,755	3,379	553	5,352	166,720		4,099	263,506	263,506		263,506	44.55%
South Coast Water District		45,694		1,644	2,566	129	51,146	9,023		853	111,056	111,056		111,056	18.77%
Santa Margarita Water District		42,223	9,589	4,442	3,240	487					59,981	59,981		59,981	10.14%
Trabuco Canyon Water District						113					113	113		113	0.02%
Total OPEB related deferred outflows of resources		178,593	58,423	12,487	16,066	1,547	106,169	205,534			12,715	591,534		591,534	100.00%
Total deferred outflows of resources		1,168,287	382,182	81,686	105,095	10,123	694,518	1,344,524			83,179	3,869,594		3,869,594	

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

South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC 23	SOCWA Consolidated	Board Approved Allocation %s
LIABILITIES														
Current Liabilities														
Accounts Payable	172,011	1,807,503	101,713	998	213,798	2,570,603	977,368	28,506	318	9,840	5,882,659		5,882,659	
Due to Member Agencies⁷														
City of Laguna Beach				1,653		245,255	261,804			4,309	513,021		513,021	
City of San Clemente			8,908								8,908		8,908	
City of San Juan Capistrano	401,107		5,938	1,067							408,113		408,113	
Emerald Bay Service District						9,904	6,115			607	16,626		16,626	
El Toro Water District				241			284,561	24,794		6,429	316,025		316,025	
Irvine Ranch Water District								25,069		3,014	28,082		28,082	
Moulton Niguel Water District	343,504	18,714	8,313	5,030		141,685	1,460,299	577		17,048	1,995,170		1,995,170	
South Coast Water District	353,909		6,683	272		151,699	164,338			246	677,147		677,147	
Santa Margarita Water District	104,708	3,675	23,753	1,162							133,298		133,298	
Trabuco Canyon Water District														
Total Due to Member Agencies	1,203,228	22,389	53,595	9,425	0	548,542	2,177,118	50,439	-	31,653	4,096,390		4,096,390	
Accrued payroll and related liabilities	148,912	32,126	1,262	1,098	779	12,308	27,363			1,147	224,996		224,996	
Compensated Absences -due within one year⁶														
City of Laguna Beach				196		22,028	5,970			707	28,901		28,901	11.14%
City of San Clemente			1,199	730							1,928		1,928	0.74%
City of San Juan Capistrano	26,875		934	463	138						28,410		28,410	10.95%
Emerald Bay Service District				103		893	221			49	1,266		1,266	0.49%
El Toro Water District				131	81		6,482			1,044	7,738		7,738	2.98%
Irvine Ranch Water District				651	154					1,008	1,813		1,813	0.70%
Moulton Niguel Water District	18,484		1,147	1,125	1,026	1,520	79,924			2,765	105,990		105,990	40.86%
South Coast Water District	21,920		955	925	209	25,352	4,032			778	54,171		54,171	20.88%
Santa Margarita Water District	24,364		2,431	1,263	965						29,023		29,023	11.19%
Trabuco Canyon Water District					166						166		166	0.06%
Total Compensated Absences-due within one year	91,643		6,666	5,587	2,738	49,793	96,629			6,351	259,406		259,406	100.00%
Total Current Liabilities	320,922	3,134,501	22,389	163,236	17,108	217,315	3,181,246	3,278,478	78,945	318	48,991	10,463,450	10,463,450	

⁷Use Audit costs less than amount invoiced.

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South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC 23	SOCWA Consolidated	Board Approved Allocation %s
Noncurrent Liabilities														
Compensated Absences -due in more than one year⁶														
City of Laguna Beach				468		52,465	14,219			1,683	68,835		68,835	11.14%
City of San Clemente			2,855	1,738							4,593		4,593	0.74%
City of San Juan Capistrano	64,009		2,225	1,102	329						67,664		67,664	10.95%
Emerald Bay Service District				244		2,127	527			116	3,014		3,014	0.49%
El Toro Water District				312	192		15,438			2,487	18,429		18,429	2.98%
Irvine Ranch Water District				1,551	366					2,401	4,319		4,319	0.70%
Moulton Niguel Water District	44,023		2,731	2,680	2,444	3,620	190,357			6,586	252,440		252,440	40.86%
South Coast Water District	52,208		2,275	2,204	497	60,382	9,603			1,853	129,021		129,021	20.88%
Santa Margarita Water District	58,029		5,791	3,008	2,298						69,125		69,125	11.19%
Trabuco Canyon Water District					396						396		396	0.06%
Total Compensated Absences -due in more than one year	218,269		15,877	13,306	6,522	118,593	230,144			15,126	617,836		617,836	100.00%
Net other postemployment benefits obligation (OPEB)⁵														
City of Laguna Beach				7,638		333,336	90,158			12,378	443,509		443,509	10.71%
City of San Clemente			17,040	11,254							28,294		28,294	0.68%
City of San Juan Capistrano	405,207		15,503	10,815	633						432,158		432,158	10.43%
Emerald Bay Service District				765		14,503	3,485			531	19,284		19,284	0.47%
El Toro Water District				6,104	466		114,975			22,403	143,948		143,948	3.47%
Irvine Ranch Water District				11,609	756					19,055	31,420		31,420	0.76%
Moulton Niguel Water District	229,786	341,981	12,291	23,664	3,875	37,481	1,167,533			28,706	1,845,317		1,845,317	44.55%
South Coast Water District	319,993		11,509	17,971	907	358,176	63,189			5,972	777,717		777,717	18.77%
Santa Margarita Water District	295,689	67,152	31,104	22,688	3,409						420,042		420,042	10.14%
Trabuco Canyon Water District					791						791		791	0.02%
Total OPEB	1,250,675	409,134	87,447	112,506	10,836	743,495	1,439,340			89,045	4,142,479		4,142,479	100.00%
Net Pension Liability⁶														
City of Laguna Beach				28,629		1,249,479	337,948			46,397	1,662,452		1,662,452	10.71%
City of San Clemente			63,873	42,183							106,056		106,056	0.68%
City of San Juan Capistrano	1,518,879		58,110	40,540	2,374						1,619,904		1,619,904	10.43%
Emerald Bay Service District				2,868		54,362	13,064			1,990	72,283		72,283	0.47%
El Toro Water District				22,879	1,748		430,972			83,976	539,574		539,574	3.47%
Irvine Ranch Water District				43,514	2,834					71,427	117,775		117,775	0.76%
Moulton Niguel Water District	861,333	1,281,885	46,070	88,702	14,524	140,492	4,376,387			107,600	6,916,993		6,916,993	44.55%
South Coast Water District	1,199,463		43,142	67,362	3,399	1,342,588	236,857			22,386	2,915,197		2,915,197	18.77%
Santa Margarita Water District	1,108,360	251,714	116,591	85,043	12,777						1,574,485		1,574,485	10.14%
Trabuco Canyon Water District					2,963						2,963		2,963	0.02%
Total Net Pension Liability	4,688,035	1,533,599	327,786	421,720	40,620	2,786,921	5,395,228			333,775	15,527,683		15,527,683	100.00%
Total Noncurrent Liabilities	6,156,979	1,942,733	431,110	547,532	57,978	3,649,009	7,064,712			437,945	20,287,998		20,287,998	
Total LIABILITIES	320,922	9,291,480	1,965,122	594,346	564,640	275,293	6,830,255	10,343,191	78,945	318	486,936	30,751,448	30,751,448	

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South Orange County Wastewater Authority
Statements of Net Position by Project Committee and Member Agency
As of June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC 23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC 23	SOCWA Consolidated	Board Approved Allocation %'s
01														
Deferred Inflows														
Pensions related deferred inflows of resources⁸														
City of Laguna Beach				1,422		62,064	16,786			2,305	82,577		82,577	10.71%
City of San Clemente			3,173	2,095							5,268		5,268	0.68%
City of San Juan Capistrano	75,445		2,886	2,014	118						80,463		80,463	10.43%
Emerald Bay Service District				142		2,700	649			99	3,590		3,590	0.47%
El Toro Water District				1,136	87		21,407			4,171	26,802		26,802	3.47%
Irvine Ranch Water District				2,161	141				3,548	5,850			5,850	0.76%
Moulton Niguel Water District	42,784	63,673	2,288	4,406	721	6,979	217,383		5,345	343,579			343,579	44.55%
South Coast Water District	59,579		2,143	3,346	169	66,689	11,765		1,112	144,803			144,803	18.77%
Santa Margarita Water District	55,054	12,503	5,791	4,224	635					78,207			78,207	10.14%
Trabuco Canyon Water District					147					147			147	0.02%
Total Pensions related deferred inflows of resources	232,863	76,177	16,282	20,948	2,018	138,431	267,990			16,579	771,287		771,287	100.00%
OPEB related deferred inflows of resources⁶														
City of Laguna Beach				3,129		136,562	36,936			5,071	181,698		181,698	10.71%
City of San Clemente			6,981	4,610							11,591		11,591	0.68%
City of San Juan Capistrano	166,007		6,351	4,431	260						177,048		177,048	10.43%
Emerald Bay Service District				313		5,942	1,428			217	7,900		7,900	0.47%
El Toro Water District				2,501	191		47,103		9,178	58,973			58,973	3.47%
Irvine Ranch Water District				4,756	310				7,807	12,872			12,872	0.76%
Moulton Niguel Water District	94,140	140,104	5,035	9,695	1,587	15,355	478,319		11,760	755,996			755,996	44.55%
South Coast Water District	131,096		4,715	7,362	371	146,739	25,887		2,447	318,618			318,618	18.77%
Santa Margarita Water District	121,139	27,511	12,743	9,295	1,396					172,084			172,084	10.14%
Trabuco Canyon Water District					324					324			324	0.02%
Total OPEB related deferred inflows of resources	512,381	167,615	35,826	46,092	4,440	304,598	589,674			36,480	1,697,105		1,697,105	100.00%
Total Deferred Inflows	745,244	243,792	52,107	67,040	6,457	443,029	857,664			53,059	2,468,392		2,468,392	
NET POSITION														
Invested in Capital Assets	14,936	46,245,593		2,234,316		48,179,450	46,452,111	2,452,247	3,508,847	63,398	149,150,898	3,589,294	152,740,191	
Unrestricted (deficit)	2,155	(2,649,809)	(1,804,343)	(325,899)	(496,170)	(47,791)	(4,051,226)	(3,662,658)	606,449	5,300	(186,232)	(12,610,223)	(12,610,223)	
Total NET POSITION⁸	\$17,092	\$43,595,784	(\$1,804,343)	\$1,908,418	(\$496,170)	(\$47,791)	\$44,128,224	\$42,789,452	\$3,058,696	\$3,514,147	(\$122,835)	\$136,540,675	\$3,589,294	\$140,129,968

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

South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmissic Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC23	SOCWA Consolidated	Board Approved Allocation %'s
OPERATING REVENUES														
O & M Member Agency Assessments¹														
City of Laguna Beach				\$8,595		\$1,419,431	\$591,018		\$30,287	\$72,551	\$2,121,882	\$509,468	\$2,631,349	
City of San Clemente			131,717	41,224							172,941		172,941	
City of San Juan Capistrano	1,977,938		77,885	22,617	55,803						2,134,243		2,134,243	
Emerald Bay Service District				8,055		108,522	41,234		1,870	7,137	166,819		166,819	
El Toro Water District				6,899	164		765,228	593		111,089	883,973		883,973	
Irvine Ranch Water District				33,692	266			751		133,051	167,760		167,760	
Moulton Niguel Water District	1,258,901	120,314	103,971	40,810	150,211	199,669	7,107,950	251		277,209	9,259,287		9,259,287	
South Coast Water District	1,662,199		100,761	37,184	66,077	1,496,152	403,302			92,084	3,857,757		3,857,757	
Santa Margarita Water District	2,141,603	23,625	299,016	47,446	159,884						2,671,575		2,671,575	
Trabuco Canyon Water District					69,781						69,781		69,781	
Total	7,040,641	143,939	713,350	246,522	502,187	3,223,773	8,908,732	1,596	32,157	693,120	21,506,016	509,468	22,015,484	
OPERATING EXPENSES														
O&M Direct Expenses:														
City of Laguna Beach				5,172		1,139,833	489,578		26,511	59,695	1,720,789	433,185	2,153,974	
City of San Clemente			95,124	28,196							123,320		123,320	
City of San Juan Capistrano	1,606,942		63,416	16,470	48,662						1,735,491		1,735,491	
Emerald Bay Service District				4,742		62,989	24,367		1,139	4,233	97,470		97,470	
El Toro Water District				4,073			621,271	509		88,468	714,320		714,320	
Irvine Ranch Water District				20,042				509		85,525	106,076		106,076	
Moulton Niguel Water District	1,049,484		88,771	28,939	132,603	166,129	5,966,250	223		237,957	7,670,357		7,670,357	
South Coast Water District	1,362,930		85,060	27,143	57,836	1,205,073	335,162			79,142	3,152,345		3,152,345	
Santa Margarita Water District	1,794,205		253,665	34,751	139,732						2,222,352		2,222,352	
Trabuco Canyon Water District					50,881						50,881		50,881	
Total	5,813,561		586,037	169,528	429,713	2,574,024	7,436,628	1,241	27,650	555,020	17,593,403	433,185	18,026,588	
Admin, General Fund & Engineering after capital														
City of Laguna Beach				737		162,325	69,721		3,775	8,501	245,060		245,060	
City of San Clemente				9,069							39,667		39,667	
City of San Juan Capistrano	228,438		9,015	2,341	6,918						246,713		246,713	
Emerald Bay Service District				3,044		40,431	15,641		731	2,717	62,564		62,564	
El Toro Water District				679			103,507	85		14,739	119,010		119,010	
Irvine Ranch Water District				9,566				243		40,821	50,630		50,630	
Moulton Niguel Water District	128,576		10,876	3,545	16,246	20,353	730,946	27		29,153	939,721		939,721	
South Coast Water District	186,691		11,651	3,718	7,922	165,068	45,910			10,841	431,800		431,800	
Santa Margarita Water District	243,371		34,408	4,714	18,954						301,446		301,446	
Trabuco Canyon Water District					18,622						18,622		18,622	
Total	787,076		96,548	37,413	68,661	388,177	965,724	355	4,507	106,772	2,455,232		2,455,232	
UAL & OPEB														
City of Laguna Beach				2,687		117,272	31,719			4,355	156,033		156,033	
City of San Clemente			5,995	3,959							9,954		9,954	
City of San Juan Capistrano	142,557		5,454	3,805	223						152,039		152,039	
Emerald Bay Service District				269		5,102	1,226			187	6,784		6,784	
El Toro Water District				2,147	164		40,450			7,882	50,643		50,643	
Irvine Ranch Water District				4,084	266					6,704	11,054		11,054	
Moulton Niguel Water District	80,842	120,314	4,324	8,325	1,363	13,186	410,754			10,099	649,208		649,208	
South Coast Water District	112,578		4,049	6,322	319	126,011	22,231			2,101	273,612		273,612	
Santa Margarita Water District	104,027	23,625	10,943	7,982	1,199						147,776		147,776	
Trabuco Canyon Water District					278						278		278	
Total	440,005	143,939	30,765	39,581	3,812	261,572	506,380			31,327	1,457,381		1,457,381	
Total O&M Operating Expenses (Use Audit)														
	7,040,641	143,939	713,350	246,522	502,187	3,223,773	8,908,732	1,596	32,157	693,120	21,506,016	433,185	21,939,202	

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

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

(cont'd next page)

South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmissic Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC23	SOCWA Consolidated	Board Approved Allocation %'s
O&M Operating Income														
City of Laguna Beach												76,282	76,282	
City of San Clemente														
City of San Juan Capistrano														
Emerald Bay Service District														
El Toro Water District														
Irvine Ranch Water District														
Moulton Niguel Water District														
South Coast Water District														
Santa Margarita Water District														
Trabuco Canyon Water District														
Total O&M Operating Income												76,282	76,282	
Unallocated portion of Pension and OPEB expense²														
City of Laguna Beach				1,184		51,676	13,977			1,919	68,756		68,756	10.71%
City of San Clemente			2,642	1,745							4,386		4,386	0.68%
City of San Juan Capistrano	62,818		2,403	1,677	98						66,996		66,996	10.43%
Emerald Bay Service District				119		2,248	540			82	2,989		2,989	0.47%
El Toro Water District				946	72		17,824			3,473	22,316		22,316	3.47%
Irvine Ranch Water District				1,800	117					2,954	4,871		4,871	0.76%
Moulton Niguel Water District	35,623	53,016	1,905	3,669	601	5,810	180,998			4,450	286,073		286,073	44.55%
South Coast Water District	49,607		1,784	2,786	141	55,527	9,796			926	120,567		120,567	18.77%
Santa Margarita Water District	45,839	10,410	4,822	3,517	528						65,117		65,117	10.14%
Trabuco Canyon Water District					123						123		123	0.02%
Total GASB 68 unallocated expense by PC and Member Agency	193,887	63,427	13,557	17,441	1,680	115,261	223,136			13,804	642,193		642,193	100.00%

²Distributed by Project Committee and Member Agency using Board Approved Actuarial Methodology; these are Actuarially determined expenses not included in O&M.

(cont'd next page)

South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2021

	General Agency 01	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmission Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC23	SOCWA Consolidated	Board Approved Allocation %'s
Other Expenses															
Non-Capital Engineering															
City of Laguna Beach							51,541	989				52,530		52,530	
City of San Clemente				3,928								3,928			
City of San Juan Capistrano		61,463		2,619								64,082		64,082	
Emerald Bay Service District							4,058	52				4,110		4,110	
El Toro Water District								1,640				1,640		1,640	
Invine Ranch Water District															
Moulton Niguel Water District		45,731		3,666			39,772	11,476				100,644		100,644	
South Coast Water District		54,232		2,947			40,584	790				98,553		98,553	
Santa Margarita Water District		39,372		10,474								49,847		49,847	
Trabuco Canyon Water District															
Total Non-Capital Engineering		200,798		23,634			135,955	14,948				375,335		375,335	
Additional Cash Payments to Member Agencies															
City of Laguna Beach					(1)		63,999	10,160		(7)	722	74,872		74,872	
City of San Clemente				1,039	(5)							1,035		1,035	
City of San Juan Capistrano		44,840		693	(3)	(8)						45,522		45,522	
Emerald Bay Service District					(1)		4,982	536			51	5,569		5,569	
El Toro Water District					(1)			18,388	7,811		1,070	27,267		27,267	
Invine Ranch Water District					(4)				7,811		1,035	8,841		8,841	
Moulton Niguel Water District		33,326		970	(9)	(22)	42,717	168,787	1,451		2,879	250,099		250,099	
South Coast Water District		38,591		780	(7)	(9)	55,642	8,135			808	103,940		103,940	
Santa Margarita Water District		30,135		2,756	(9)	(22)						32,859		32,859	
Trabuco Canyon Water District						(8)						(8)		(8)	
Total		146,891		6,238	(41)	(70)	167,340	206,007	17,073	(7)	6,565	549,996		549,996	
Loss on Sale of Fixed Assets	(0)	2,618		3,068				12,753	1,347			19,786		19,786	
Total Other Expenses	(0)	350,307		32,940	(41)	(70)	303,295	233,708	18,420	(7)	6,565	945,117		945,117	
Depreciation and Amortization	27,612	2,491,613		57,669	2,758		1,823,373	2,570,282	245,141	259,142		7,477,591	123,888	7,601,479	
Operating (Loss)	(27,612)	(3,035,807)		(63,427)	(104,166)	(20,159)	(1,610)	(2,241,929)	(3,027,126)	(263,561)	(259,135)	(20,369)	(9,064,901)	(47,606)	(9,112,507)

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South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmittion Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC23	SOCWA Consolidated	Board Approved Allocation %'s
NON-OPERATING REVENUES (EXPENSES):														
Interest Income³														
City of Laguna Beach						(2,971)	3,265			272	566		566	
City of San Clemente			(79)								(79)		(79)	
City of San Juan Capistrano	10,629		(53)								10,576		10,576	
Emerald Bay Service District						(233)	172			19	(42)		(42)	
El Toro Water District							5,896	3,180		404	9,480		9,480	
Invine Ranch Water District								3,180		390	3,570		3,570	
Moulton Niguel Water District	7,879		(74)			(2,301)	37,138	914		1,085	44,642		44,642	
South Coast Water District	8,981		(59)			(2,643)	2,607			305	9,191		9,191	
Santa Margarita Water District	7,413		(216)								7,197		7,197	
Total Interest Income	34,902		(481)			(8,148)	49,079	7,274		2,475	85,102		85,102	
LAIF FV Adjustment														
	1,156										1,156		1,156	
Other Revenues														
Grant Revenue⁴														
City of Laguna Beach														
City of San Juan Capistrano	44,587										44,587		44,587	
Emerald Bay Service District														
El Toro Water District														
Moulton Niguel Water District	32,135										32,135		32,135	
South Coast Water District	29,725										29,725		29,725	
Santa Margarita Water District	42,177										42,177		42,177	
Total Grant Revenue	148,623										148,623		148,623	
Recycling Income⁵														
City of Laguna Beach						432	59				491		491	
City of San Juan Capistrano	265										265		265	
Emerald Bay Service District						34	3				37		37	
El Toro Water District							96				96		96	
Moulton Niguel Water District	195					333	731				1,259		1,259	
South Coast Water District	213					340	47				600		600	
Santa Margarita Water District	199										199		199	
Total Recycling Income	872					1,139	935				2,947		2,947	
PC 23 Admin Charge														
									5,300		5,300		5,300	
Total Other Revenues														
	149,495					1,139	935		5,300		156,870		156,870	
Total Non-Operating Revenue														
	1,156	184,397	(481)			(7,008)	50,014	7,274	5,300	2,475	243,128		243,128	

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South Orange County Wastewater Authority
Statements of Revenues, Expenses and Changes in Net Position by Project Committee and Member Agency
For the year ended June 30, 2021

General Agency	JB Latham Treatment Plant PC 2	3A AWT Plant PC 3	San Juan Creek Ocean Outfall PC 5	Pre Treatment Program PC 8	Wastewater Discharge Permitting PC 12 (2SO)	Coastal Treatment Plant PC 15	Joint Regional Treatment Plant PC 17	Effluent Transmissic Main PC 21	North Coast Interceptor PC23	Aliso Creek Ocean Outfall PC 24	SOCWA before PC 23	*North Coast Interceptor PC23	SOCWA Consolidated	Board Approved Allocation %'s
CAPITAL CONTRIBUTIONS FROM MEMBER AGENCIES⁶														
Member Agency Assessments:														
City of Laguna Beach						1,580,813	(87,618)			(220)	1,492,976			1,492,976
City of San Clemente			217,472								217,472			217,472
City of San Juan Capistrano	2,090,192		144,980										2,235,172	2,235,172
Emerald Bay Service District						124,467	(4,126)			(16)	120,325			120,325
El Toro Water District							(191,384)	45,529		(326)	(146,180)			(146,180)
Irvine Ranch Water District							1,945	45,529		(315)	47,159			47,159
Moulton Niguel Water District	1,532,386		202,949			1,219,844	(703,937)	33,120		(877)	2,283,485			2,283,485
South Coast Water District	1,633,551		163,170			1,302,429	(33,472)			(246)	3,065,431			3,065,431
Santa Margarita Water District	1,637,281		580,412								2,217,693			2,217,693
Total	6,893,411		1,308,983			4,227,554	(1,018,592)	124,178		(2,000)	11,533,534			11,533,534
Change in Net Position	(26,456)	4,042,001	(63,427)	1,204,337	(20,159)	(1,610)	1,978,616	(3,995,704)	(132,109)	(253,835)	(19,893)	2,711,761	(47,606)	2,664,154

³Distributed by Project Committee and Member Agency based on Large Capital Cash Balance as of 6/30/2021.

⁴Grant Revenue from Southern California Edison and SDG&E for Co-Gen Projects; energy generation.

⁵ Distributed by Member Agency using capital common ownership percentages.

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

Agenda Item

4.H.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Final Annual Comprehensive Financial Report (ACFR) for Fiscal Years ended June 30, 2021 and 2020 (***Separate Item***)

Summary/Discussion

SOCWA is submitting the Final Annual Comprehensive Financial Report (ACFR) for the fiscal years ended June 30, 2021 and 2020.

The Authority's first and second ACFR for fiscal years ended June 30, 2020, and 2019 received The Government Finance Officers Association of the United States and Canada (GFOA) Award; a Certificate of Achievement for Excellence in Financial Reporting (attached).

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

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

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

The Auditor's Governance Letter is included.

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

A Draft Copy of the ACFR and the Supplemental Financial Statements were presented to the Finance Officers on November 15, 2021, and to the Finance Committee on November 16, 2021. Both groups accepted the document as presented with some recommendations from the Finance Committee, which have been addressed as detailed in Attachment "A".

The Authority's Year in Review is presented in Attachment "B".

Recommended Action: The Finance Committee recommends to the Board of Directors to receive and file the Annual Comprehensive Financial Report (ACFR) including the Independent Auditors Report for Fiscal Years ended June 30, 2021, and 2020.



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**South Orange County Wastewater Authority
California**

For its Comprehensive Annual
Financial Report
For the Fiscal Year Ended

June 30, 2020

Christopher P. Morill

Executive Director/CEO

Attachment A

Annual Comprehensive Financial Report (ACFR) Updates in Response to the Recommendations from the Finance Committee

TRANSMITTAL LETTER – UPDATED

SOCWA’S Purpose (page ii – last sentence)

SOCWA has no taxing authority, and nearly all funding for its operations comes directly from contributions of its ten Member Agencies within the JPA.

Economic Condition and Outlook (page iv – last paragraph)

The wastewater industry is presently being shaped by local, regional, statewide, and national issues and trends. These wide ranging economic, regulatory and environmental influences, which will continue in the future, will affect wastewater agencies. Several of these areas are explained in more detail in the following sections:

Cost Pressures (pages v and vi)

Covid-19 Impacts: SOCWA has continued its program of pandemic response with updated response plans, ongoing training and worker safety practices in place to keep pace with local and statewide requirements. SOCWA did not experienced significant workforce disruption.

Financial: SOCWA works closely with its ten member agencies to align operating budgets and capital programs to meet the needs of the community served by each Project Committee and, as a result, SOCWA revenues are supportable by the Member Agencies’ financial and long-term planning. Although the national trend as described in the May 2021 NACWA report, Addressing the Affordability of Water and Wastewater Services in the U.S., noted that Covid-19 has precipitated a growth in the inability of low-income families to afford water and wastewater utility services, SOCWA did not experience a significant financial impact due to Covid-19. This is largely due to its Member Agencies working to control costs during the pandemic, and some agencies having the ability to forego or reduce planned rate adjustments. Throughout the Fiscal Year, SOCWA revenues paid by member agencies remained stable.

Infrastructure: The newly enacted Infrastructure & Jobs Act (H.R. 3684) is anticipated to be signed into law by President Biden and \$55 billion of that new spending is allocated to drinking water, wastewater and stormwater infrastructure. This funding is anticipated to assist in addressing concerns such as raised by the 2019 California ASCE Report Card for California’s Infrastructure which rated wastewater system investment a grade C+. SOCWA continued its strong progress in capital infrastructure investment by placing over \$28 million in assets into service in this fiscal year. Accumulated depreciation as a percentage of gross capital assets, depreciable also decreased to 64.6% down from a high of 68.1% due to the acquisitions.

Regulatory: Advancing initiatives of the State Water Resources Control Board and Air Resources Board continue to drive costs for California Sanitation Agencies. As examples, in May 2020, California adopted the TNI Standard for State Laboratories with a purpose of

standardizing laboratory practices and reporting. The costs of implementation range from \$70,000 up to \$100,000 per additional full-time employee as may be added per agency. Additionally, the wastewater community of agencies continues to track related permitting increases as the State Water Resources Control Board approved increases in fees for programs such as: (i) NPDES permit fee increase to an average of 11.9%, (ii) the Waste Discharge Requirements permit fee increase to an average of 16.8%, and (iii) laboratory program fees increase to an average of 15.9%. SOCWA is engaged in the regulatory community, understands the impact to permit related costs due to state and regional regulatory trends and is well positioned to program costs into the operational budgets for its facilities

Energy and Resources: In its July 2020 assessment of Sustainable Water Infrastructure, Energy Efficiency for Water Utilities, EPA reports that “[f]or many municipal governments, drinking water and wastewater plants typically are the largest energy consumers, often accounting for 30 to 40 percent of total energy consumed ” representing 2 percent of energy use. California energy costs are reported as third highest in the nation for commercial electricity pricing as driven by new and continuing regulatory requirements. Climate change initiatives are also impacting cost trends in energy and biosolids management for wastewater agencies. SOCWA has implemented projects such as co-generation engine installations at two of its three treatment plants, which provide some measure of local control over energy production costs. As a result, SOCWA produced over 11 million kWh of its own power utilizing methane gas from its treatment systems valued at over \$800,000.

Population Growth: The population of California is expected to reach 46 million by the year 2037. Population growth will drive a statewide need to treat an additional 720 million gallons per day of wastewater, thus requiring planned system expansions and/ or new plants at various locations throughout the state. Due to lower wastewater flows in recent years to treatment facilities, which is resulting from consumer conservation programs, SOCWA retains more than adequate plant capacity utilizing only 40% to 65% of overall available capacity

Technology: Improving technology is now a best practice requirement for the wastewater industry. As a result, agencies within the industry should be able to take advantage of evolving technology tools to improve efficiencies, deal with the proliferation of data, mitigate cybersecurity threats, and improve their communications, thereby saving costs and increasing productivity. SOCWA improved its system security through upgrade to the cloud-based Barracuda Essentials product”

NOTES TO FINANCIAL STATEMENTS - UPDATED

Note 10 – Subsequent Event (page 49)

The City of San Juan Capistrano, CA (CSJC) has divested its drinking water and wastewater utility. On November 15, 2021, Santa Margarita Water District (SMWD) will begin providing water and wastewater services to all residents and businesses in San Juan Capistrano. The Authority expects no change in its revenue stream.

SOCWA

FY 2020-21 Year in Review

Budget decrease, \$1.1 Million, Economic Hardship; Covid-19 Related

- **Actual Revenue/Expenses, \$215 thousand under budget**
- **Operating Revenue, \$22 Million, \$440 Thousand below prior year Revenue of \$22.5 Million**
- **Capital Contributions, \$11.5 Million, down \$3.1 Million or lower by 21% from prior year Contributions of \$14.6 Million**
- **Grant Revenue for Co-Gen Project, \$149 thousand current year and \$1.7 Million for 3 years**
- **Capital Assets placed in service \$28.3 Million**
- **CIP Reduction, 5.7 Million or 24%**
- **Cash Reduction, 7.2 Million or 32%**

Agenda Item

4.I.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Final Use Audit, FY 2020-21 Budget vs. Actual including UAL and OPEB Annual Expense Distribution by Member Agencies and Cash Roll Forward as of June 30, 2021 (**Separate Item**)

Summary/Discussion

The Final FY 2020-21 Use Audit Results were presented to the Finance Committee on November 16, 2021, after completing the Annual Financial Statements Audit; there were no audit adjustments to change the preliminary results presented to the Finance Committee on October 19, 2021. The following results are final:

FY 2020-21 Use Audit

- Final Use Audit Results are attached (PowerPoint Slides)
 1. O&M Spending and/or Usage Variance is \$215 thousand or 1% under budget
 2. Small Capital refund is \$692 thousand which includes:

Small Capital FY 2020-21 Use Audit Refund			
Budget	\$2,099,000		
Expenditures	<u>(1,551,494)</u>		
Unused Cash	547,506	26.1%	under budget
Carryover to FY 21-22	<u>(17,060)</u>	-0.8%	in-progress projects
Current Year Refund	\$530,446	25.3%	FY 2020-21 refund
FY 19-20 Carryover Balance	<u>161,729</u>		Carryover was \$565k gross
Total Use Audit Refund	\$692,175		

Small capital work continues to be impacted by delays related to COVID 19, supply chains disruption.

3. Large Capital is refunding \$1.5 million and includes:

Large Capital FY 2020-21 Use Audit Refund			
Open Projects Refund	\$	727,516	48.13%
Closed Projects Refund		<u>784,092</u>	51.87%
Total	\$	1,511,608	100.00%

Refunds on Open Projects are due to a decrease in the amount of work to be completed in the next year.

4. Non-Capital Engineering and Non-Capital Miscellaneous refunds are detailed below.

Non Capital Engineering Use Audit refund is \$213 thousand and includes:

Non Capital FY 2020-21 Use Audit Refund			
Cash Collected	\$94,210		
Expenditures	<u>(85,100)</u>		
Current Year Refund	9,110	9.7%	under budget
FY 19-20 Carryover Balance	<u>203,442</u>		Carryover was \$369,508 gross
Total Use Audit Refund	\$212,552		

Non-Capital Miscellaneous Use Audit refund is \$184 thousand and includes:

Non Capital Misc. FY 2020-21 Use Audit Refund			
Cash Collected	\$56,250		
Expenditures	<u>(3,984)</u>		
Current Year Refund	52,266	92.9%	under budget
FY 19-20 Carryover Balance	<u>132,113</u>		Carryover was \$252,298 gross
Total Use Audit Refund	\$184,379		

5. Total Use Audit is a refund of \$2.8 million.

UAL and OPEB distribution percentages for annual expense and net long term liabilities reporting:

Agency	FY 2021	FY 2020	Change
CLB	10.71%	10.69%	0.02%
CSC	0.68%	0.67%	0.01%
CSJC	10.43%	10.43%	0.01%
EBSD	0.47%	0.46%	0.01%
ETWD	3.47%	3.51%	-0.03%
IRWD	0.76%	0.76%	0.00%
MNWD	44.55%	44.87%	-0.32%
SCWD	18.77%	18.64%	0.14%
SMWD	10.14%	9.97%	0.17%
TCWD	0.02%	0.02%	0.00%
Total	100.00%	100.00%	0.00%

Recommended Action: The Finance Committee recommends to the Board of Directors to approve FY 2020-21 Use Audit and collection from and payments to SOCWA member agencies consistent with the results of the Use Audit as presented; and to receive and file the Cash Roll Forward as of June 30, 2021.

SOCWA
Use Audit
Fiscal Year 2020-21
Finance Committee
November 16, 2021

South Orange County Wastewater Authority

FY 2020-21 USE AUDIT Summary

Actual Spending and Actual Usage								
O&M			Small Capital ²	Large Capital ³	Non-Capital ⁴	Non-Capital Misc. ⁵	Total	
FY 2020-21 Budget ¹	FY 2020-21 Actual	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	USE Audit Results	
SOCWA by Member Agency								
City of Laguna Beach	\$2,362,387	\$2,121,882	\$240,505	\$59,069	\$153,516	\$17,662	(\$2,980)	\$467,772
City of San Clemente	169,084	172,941	(3,857)	-	(16,353)	8,659	249	(11,302)
City of San Juan Capistrano	2,371,000	2,134,243	236,757	94,036	4,444	22,706	19,176	377,120
El Toro Water District	936,140	883,973	52,167	16,667	184,931	7,252	42,858	303,876
Emerald Bay Service District	141,095	166,819	(25,724)	4,201	9,447	1,275	(517)	(11,318)
Irvine Ranch Water District	169,545	167,760	1,785	(14,034)	-	-	23,751	11,502
Moulton Niguel Water District	9,375,219	9,259,287	115,932	401,942	1,086,095	86,268	73,462	1,763,699
Santa Margarita Water District	1,961,221	2,671,575	(710,354)	69,692	(32,550)	31,883	15,342	(625,986)
South Coast Water District	4,188,733	3,857,757	330,976	60,601	122,078	36,849	13,038	563,541
Trabuco Canyon Water District	46,652	69,781	(23,129)					(23,129)
Total Member Agency	\$21,721,076	\$21,506,016	\$215,060	\$692,175	\$1,511,608	\$212,552	\$184,379	\$2,815,775

Actual Spending, \$21,506,016, is the Authority's Operating Revenue for FY 2020-21 before consolidation with PC 23, North Coast Interceptor (NCI).

Spending was only 1% below Budget; the Board approved additional expenditures, \$363 thousand, are not included in the above Budget.

**Statement of Revenues, Expenses and Changes in Net Position
For the year ended June 30, 2021**

	SOCWA Actual 6/30/2021	PC23 Actual 6/30/2021	Consolidated Actual 6/30/2021
OPERATING REVENUES			
O & M Member Agency Assessments			
City of Laguna Beach	2,121,882	509,468	2,631,349
City of San Clemente	172,941		172,941
City of San Juan Capistrano	2,134,243		2,134,243
El Toro Water District	883,973		883,973
Emerald Bay Service District	166,819		166,819
Irvine Ranch Water District	167,760		167,760
Moulton Niguel Water District	9,259,287		9,259,287
Santa Margarita Water District	2,671,575		2,671,575
South Coast Water District	3,857,757		3,857,757
Trabuco Canyon Water District	69,781		69,781
Total O & M Member Agency Assessments	21,506,016	509,468	22,015,484

Actual Expenditures by Member Agency Distributed by Member Agency using the Budget Distribution %'s

Actual Spending and Budget Usage								
O&M			Small Capital	Large Capital	Non-Capital	Non-Capital Misc.	Total	
FY 2020-21 Budget	FY 2020-21 Actual	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	USE Audit Results	
SOCWA by Member Agency								
City of Laguna Beach	\$2,362,387	\$2,338,997	\$23,390	\$59,069	\$153,516	\$17,662	(\$2,980)	\$250,656
City of San Clemente	169,084	167,410	1,674	-	(16,353)	8,659	249	(5,771)
City of San Juan Capistrano	2,371,000	2,347,525	23,475	94,036	4,444	22,706	19,176	163,838
El Toro Water District	936,140	926,871	9,269	16,667	184,931	7,252	42,858	260,977
Emerald Bay Service District	141,095	139,698	1,397	4,201	9,447	1,275	(517)	15,803
Irvine Ranch Water District	169,545	167,866	1,679	(14,034)	-		23,751	11,396
Moulton Niguel Water District	9,375,219	9,282,395	92,824	401,942	1,086,095	86,268	73,462	1,740,591
Santa Margarita Water District	1,961,221	1,941,803	19,418	69,692	(32,550)	31,883	15,342	103,786
South Coast Water District	4,188,733	4,147,260	41,473	60,601	122,078	36,849	13,038	274,038
Trabuco Canyon Water District	46,652	46,190	462		-			462
*Total Member Agency	\$21,721,076	\$21,506,016	\$215,060	\$692,175	\$1,511,608	\$212,552	\$184,379	\$2,815,775

The Budget Variance is due to changes in Spending and Usage by Member Agencies.

Member Agencies Usage Variance

SOCWA by Member Agency

Usage Variance (Used More)/Used Less							
O&M			Small Capital	Large Capital	Non-Capital	Non-Capital Misc.	Total
FY 2019-20 Budget	FY 2019-20 Actual	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	(Over)/Under Budget	USE Audit Results
City of Laguna Beach	\$217,115						
City of San Clemente	(5,531)						
City of San Juan Capistrano	213,282						
El Toro Water District	42,899						
Emerald Bay Service District	(27,121)						
Irvine Ranch Water District	107						
Moulton Niguel Water District	23,109						
Santa Margarita Water District	(729,772)						
South Coast Water District	289,503						
Trabuco Canyon Water District	(23,591)						
Total Member Agency	\$0						

SMWD used more services, (\$729,772), SCWD used less, \$289,503, CLB used less, \$217,115 and CSJC used less, \$213,282.

Agencies who used more services will be invoiced and a refund is due
Agencies who used less services.

Spending Variance:

The Spending Variance is \$215 thousand under budget primarily due to:

Spending Variances		
Expense description	Amount	Reason
Maintenance	\$283,310	Co-Gen, longer SCR Runs & fewer Media SWAPS
Payroll Costs incl. fringe	227,098	More PTO (paid time off)
Memberships, Travel, Tech		
Conferences & Training	94,893	Covid19 Impact
Port Cleaning	70,000	Cleaning not needed
Digester Cleaning	44,257	Deferred due to Construction delays
Office Equipment	38,788	
UAL & OPEB	37,665	Pay-Go Retiree Health premiums
SCADA Infrastructure	25,640	
Storm Damage	20,008	No major storms
Contract Svcs-Generators	18,463	
Office Supplies	17,828	
Diesel Truck maint. & fuel	14,939	
Janitorial Services	(10,523)	
Lab Services & Supplies	(21,133)	ISCO samples & maintenance
Effluent Chemistry	(23,590)	Toxicity testing requirement
Permits	(25,842)	Environmental Requirements
Landscaping	(26,311)	Emergency projects; winds
Biosolids Disposal	(35,695)	Increased hauling costs & loads at JBL
Management Support	(100,096)	Foul air balancing & PFAS testing
Utilities	(124,557)	Increased Billing Rates/Inflation
Chemicals	(168,129)	Increased Odor Chemicals & Billing rates
Legal	(177,889)	JPA Revision
Other Miscellaneous	35,935	
Total Spending Variance	\$215,060	

UAL and OPEB Annual Expense included in Actuals

O&M			
FY 2020-21 Budget	FY 2020-21 Actual	(Over)/Under Budget	% Expended

UAL & OPEB

City of Laguna Beach	\$159,859	\$156,033	\$3,826	97.6%
City of San Clemente	10,034	9,954	80	99.2%
City of San Juan Capistrano	155,343	152,039	3,304	97.9%
El Toro Water District	52,946	50,643	2,303	95.6%
Emerald Bay Service District	6,894	6,784	110	98.4%
Irvine Ranch Water District	11,430	11,054	376	96.7%
Moulton Niguel Water District	675,054	649,208	25,846	96.2%
Santa Margarita Water District	147,523	147,776	(253)	100.2%
South Coast Water District	275,799	273,612	2,187	99.2%
Trabuco Canyon Water District	163	278	(115)	170.4%
Total	\$1,495,046	\$1,457,381	\$37,665	97.5%

Capital Refunds

Small Capital FY 2020-21 Use Audit Refund		
Budget	\$2,099,000	
Expenditures	<u>(1,551,494)</u>	
Unused Cash	547,506	26.1% under budget
Carryover to FY 21-22	<u>(17,060)</u>	-0.8% in-progress projects
Current Year Refund	\$530,446	25.3% FY 2020-21 refund
		Carryover was \$565k
FY 19-20 carryover balance	<u>161,729</u>	gross
Total Use Audit Refund	\$692,175	

Large Capital FY 2020-21 Use Audit Refund			
Open Projects Refund	\$	727,516	48.13%
Closed Projects Refund	\$	784,092	51.87%
Total	\$	1,511,608	100.00%

Refunds on Open Projects are due to a decrease in the amount of work to be completed in the next year.

Non-Capital Refunds

Non-Capital FY 2020-21 Use Audit Refund		
Cash Collected	\$94,210	
Expenditures	<u>(85,100)</u>	
Current Year Refund	9,110	9.7% under budget
FY 19-20 carryover balance	<u>203,442</u>	Carryover was \$369,508 gross
Total Use Audit Refund	\$212,552	

Non-Capital Misc. FY 2020-21 Use Audit Refund		
MA Cash Collected	\$56,250	
Expenditures	<u>(3,984)</u>	
Current Year Refund	52,266	92.9% under budget
FY 19-20 carryover balance	<u>132,113</u>	Carryover was \$252,298 gross
Total Use Audit Refund	\$184,379	

Agenda Item

4.J.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Jim Burror, Director of Operations
SUBJECT: October 2021 Operations Report

Summary/Discussion

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

1. Monthly Operational Report

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

2. SOCWA Ocean Outfall Discharges by Agency

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

3. Beach Ocean Monitoring Report

4. Recycled Water Report

5. Pretreatment Report

Fiscal impact

No change.

Recommended Action: Receive and file the Operational Reports.

Monthly Operational Report

SOCWA Operational Report October, 2021

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)	2.01	7.41	5.67	0.92	16.01
Effluent (mgd)	2.58	2.81	5.67	2.32	13.38
Peak Flow (mgd)	5.35	17.92	9.69	9.78	42.74
Influent BOD (mg/l)	192	282	364	370	
Influent TSS (mg/l)	216	323	629	352	
Effluent BOD (mg/l)	5.5	3.5	8.9	8.4	
Effluent TSS (mg/l)	7.0	4.2	7.6	8.5	
Effluent Turbidity (NTU)	4.5	3.1	3.2	7.1	

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

Recycled Water (AWT) Operations

Key Parameters	CTP	RTP	JBL	Totals
Average Flow (mgd)	0.66	4.59		5.25
Days of Operation (days)	26	31		
Total Flow (million gallons)	20.5	142.4		162.9
Plant Irrigation (million gallons)	0.00	0.08	0.23	
AWT Time Online (%)	100.0	99.0		

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 October, 2021 (cont'd)

Biosolids Management

Biosolids Management Site	CTP	RTP	JBL	Totals
Synagro Compost (tons)		781.8	0.0	781.8
Nursery Products (tons)		422.7	620.9	1,043.5
Prima Deshecha (tons)		0.0	299.6	299.6
Other: _____ (tons)		0.0	0.0	0.0
Total Processed (tons)		1,204.5	920.5	2,125.0

Summary of Maintenance Activities

Task Type	CTP	RTP	JBL	Totals
Preventative Maintenance	407	543	65	1,015
Corrective Maintenance	8	55	38	101

Site Visitors

Visitor Types	CTP	RTP	JBL	Totals
Regulatory	0	0	2	2
Member Agency	0	0	0	0
Residents	0	0	0	0
Others	5	5	14	24
Tours #/Visitors	0	0	0	0

Grit Disposal Management

Grit & Screenings	CTP	RTP	JBL	Totals
Simi Valley Landfill (tons)	0.0	23.2	NA	23.2

Chemical and Energy Utilization

Chemical/Utility	CTP	RTP	JBL	Totals
Ferric Chloride (tons)	NA	NA	NA	0.0
Utility Power Purchase (kWh)	194,272	7,029	127,191	328,492
Cogen Power (kWh)		616,104	404,308	1,020,412
Natural Gas (Dth)	NA	NA	2,189	2,189
Digester Gas to Engine (scfm)		8,543,555	4,151,074	12,694,629
Digester Gas to Boiler (scfm)		0		0
Digester Gas to Flares (scfm)		97,354	370,740	468,094
Digester Gas Power Savings		\$77,462		

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

Wastewater Unit Definitions

kWh = kilowatt hours

Dth = Dekatherms

scfm = standard cubic feet per minute

SOCWA Operational Report October, 2021 (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	1.380	65.83%				1.38
EBSO	0.059	2.84%				0.06
SCWD	0.657	31.33%		1.572	23.86%	2.23
MNWD	0.000	0.00%	7.41	1.400	21.24%	8.81
CSJC				2.022	30.67%	2.02
SMWD				1.597	24.23%	1.60
Total	2.097	100.00%	7.41	6.591	100.00%	16.09

Total Agency Outfall Flows by Outfall System-Billing Flows

Agency	SJCOO (mgd)	SJCOO (%)	SJCOO Meter (mgd)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB				1.38	15.01%	1.38	
EBSO				0.06	0.65%	0.06	
SCWD	1.76	17.38%		1.03	11.15%	2.79	Includes Desalters
MNWD	1.75	17.25%		2.81	30.59%	4.57	
ETWD				2.50	27.15%	2.50	Direct Outfall Only
CSJC	2.39	23.58%				2.39	Includes Desalter
SMWD	1.66	16.31%				1.66	Includes Chiquita
CSC	2.59	25.48%				2.59	Direct Outfall Only
IRWD				1.42	15.45%	1.42	Direct Outfall Only
Total	10.16	100.00%	15.02	9.20	100.00%	19.35	

SOCWA Operational Report October, 2021 (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%	2.140	24.41%	2.022	30.67%	2.27	32.54%
MNWD	3.00	23.08%	1.400	15.97%	1.400	21.24%	1.40	20.05%
SCWD	3.75	28.85%	1.805	20.59%	1.572	23.86%	1.68	24.06%
SMWD	2.25	17.31%	3.421	39.03%	1.597	24.23%	1.63	23.35%
Total	13.00	100.00%	8.766	100.00%	6.591	100.00%	6.98	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%	6,046	22.86%	6,351	22.72%	6,276	24.65%
MNWD	8,340	21.62%	5,612	21.22%	7,673	27.45%	6,349	24.93%
SCWD	7,715	20.00%	6,238	23.59%	5,179	18.53%	6,103	23.97%
SMWD	10,946	28.38%	8,548	32.32%	8,752	31.31%	6,735	26.45%
Total	38,573	100.00%	26,444	100.00%	27,955	100.00%	25,462	100.00%

Project Committee No. 5 - San Juan Creek Ocean Outfall (SJC00)

Agency	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CSC	16.63%	13.300	16.63%	2.588	25.48%	2.314	22.81%
CSJC	11.08%	8.860	11.08%	2.395	23.58%	2.700	26.62%
MNWD(3)	15.51%	12.410	15.51%	1.752	17.25%	1.548	15.26%
SCWD	12.46%	9.970	12.46%	1.765	17.38%	1.922	18.95%
SMWD	44.32%	35.460	44.33%	1.656	16.31%	1.660	16.37%
Total	100.00%	80.000	100.00%	10.155	100.00%	10.144	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 October, 2021 (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%	1.599	56.52%	1.380	65.83%	1.487	55.16%
EBSD	0.20	2.99%	0.080	2.83%	0.059	2.84%	0.067	2.47%
SCWD	2.00	29.85%	1.150	40.65%	0.657	31.33%	1.142	42.37%
MNWD	1.96	29.25%	0.000	0.00%	0.000	0.00%	0.000	0.00%
Total	6.70	100.00%	2.829	100.00%	2.097	100.00%	2.696	100.00%

Project Committee No. 17 Liquids (RTP)

Agency	Budget Liquids (mgd)	Budget Liquids (%)	Month Plant Influent (mgd)	Month Centrate (mgd)	Month Total (mgd)(1)	Month Total (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CLB	0.00776	0.0993%	0.0000	0.0179	0.0179	0.2379%	0.0144	0.1900%
EBSD	0.00001	0.0001%	0.0000	0.0008	0.0008	0.0103%	0.0006	0.0085%
SCWD	0.00345	0.0442%	0.0000	0.0085	0.0085	0.1132%	0.0106	0.1404%
ETWD	0.01472	0.1884%	0.0000	0.0184	0.0184	0.2452%	0.0154	0.2033%
MNWD	7.78597	99.6679%	7.4074	0.0717	7.4791	99.3934%	7.5271	99.4578%
Total	7.81191	100.0000%	7.4074	0.1173	7.5248	100.0000%	7.5681	100.0000%

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

SOCWA Operational Report October, 2021 (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%	5,133	14.82%	159,861	15.26%	145,858	13.01%
EBS	295	0.59%	320	0.92%	6,889	0.66%	6,533	0.58%
SCWD	4,480	8.96%	2,803	8.09%	76,090	7.26%	109,768	9.79%
ETWD	10,200	20.41%	5,282	15.25%	164,735	15.72%	156,662	13.98%
MNWD	29,395	58.82%	21,107	60.92%	640,136	61.10%	702,193	62.64%
Total	49,975	100.00%	34,645	100.00%	1,047,711	100.00%	1,121,014	100.00%

Project Committee No. 24 (ACOO)

Agency	Own (%)	Budget (mgd)	Budget (%)	Month Outfall Flow (mgd)	Month Outfall Flow (%)	FY Avg Outfall Flow (mgd)	FY Avg Outfall Flow (%)
CLB	11.00%	5.500	11.00%	1.380	15.01%	1.487	23.61%
EBS	0.78%	0.390	0.78%	0.059	0.65%	0.067	1.06%
ETWD	16.30%	8.151	16.30%	2.497	27.15%	1.599	25.38%
IRWD	15.76%	7.880	15.76%	1.421	15.45%	1.266	20.09%
MNWD	43.85%	21.924	43.85%	2.814	30.59%	1.654	26.25%
SCWD	12.31%	6.155	12.31%	1.026	11.15%	0.229	3.63%
Total	100.00%	50.000	100.00%	9.198	100.00%	6.301	100.00%

SOCWA Operational Report October 2021 (cont'd)

Select Critical Equipment Repairs

JBL - PC2

Digester cleaning project ongoing

Repositioned and realigned secondary flight drive motors to stop them from tripping offline.

Repaired collapsed air filter panels and failed framing for Cogen air handler units.

Disassembled centrifuge drain to locate and clear a pipe that had become clogged.

Repaired broken potable water line, which had begun to leak due to corroded coupling.

Removed RAS Pump #5 for rebuild of mechanical seal, which had failed due to corrosion.

Replaced a section of the Administration Building's main sewer that was blocked with tree roots.

Replaced corroded J-Tube with newly fabricated PVC extension for Digester #1.

Package B Construction support.

CTP - PC15

Replaced corroded 4" steel DAFT scum line.

Replaced unsafe workbenches and corroded fire safety cabinet in Maintenance Shop.

Rebuilt 4x3 Grit Pump, which had failed due to a worn mechanical seal.

Fabricated a sample station for Laboratory to perform the upcoming microplastics study.

Performed confined space entry to clean out and test DAFT equipment.

Staff to JBL to support the Package B Construction Project.

RTP - PC17

Replaced the SET flow meter for Digester #2, which had a failed inner lining due to wear and corrosion.

Installed a digester gas bypass system for the upcoming moisture trap replacement project.

Completed replacement of the failed vibration dampening base for Service Air Compressor #2.

Removed RAS Pump #1 for replacement of shaft bearings which were at the end of their useful lives and failing.

Repaired failing fuel pump on Emergency Pump #1.

Installed replacement incubator in Laboratory to replace the failed unit.

Cleared rags from clogging out Centrifuge Feed Pumps #1 & #2 and Digester #3 Recirculation Pump.

Performed Gas Conditioning System H₂S media removal and replacement to replace spent media.

Fabricated a sample station for Laboratory to perform the upcoming microplastics study.

Staff to JBL to support the Package B Construction Project.

Support Services - ALL PC'S

Assisted contractor with Ferric system startup at CTP.

Optimized the new Polymer injection system at RTP.

Updated Win-911 phone numbers to add area codes to all phone numbers per new telecom standards.

Ongoing fixed gas detector project with PLC/SCADA integration all Plants

Replaced failed lighting inside Maintenance Shop at RTP.

Replaced failed conduit and wiring for the Polymer mixing system at RTP.

SOCWA Operational Report October 2021 (cont'd)

Select Critical Equipment Repairs (cont'd)

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

Replaced failed DO probe on Aeration Tank 5B at RTP.
Troubleshoot and replaced runtime hour meter on TWAS Pump 2 at RTP.
Rewired replaced Sparling flowmeter on Digester Feed Sludge Line at RTP.
Performed repairs and cleaned sensor on Applied Turbidimeter at RTP.
Removed obsolete TWAS flowmeter at JBL.
Replaced failed DAFT Polymer Transfer Pump pressure switch at JBL.
Replaced failed water valve solenoid for Centrifuge #3 at JBL.
Replaced failed stainless-steel Aeration Sump Pump #6 control panel at JBL.
Replaced failed temperature sensor on Polymer Pump #3 at JBL.
Troubleshoot RSP Bubbler Compressor #2 at JBL.
Replaced failed Grit Sump receptacle and added a float switch to the sump pump at JBL.
Replaced corroded fiber optic pull box with stainless-steel box at JBL.
Replaced corroded SC200 controller keypad for West Basin #2 process area at CTP.
Replaced Blower #2 Main Breaker in MCC due to infrared thermal report recommendation at CTP.
Adjusted trip rating for 'Loss of Prime' fault on NPW Pumps at CTP.

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

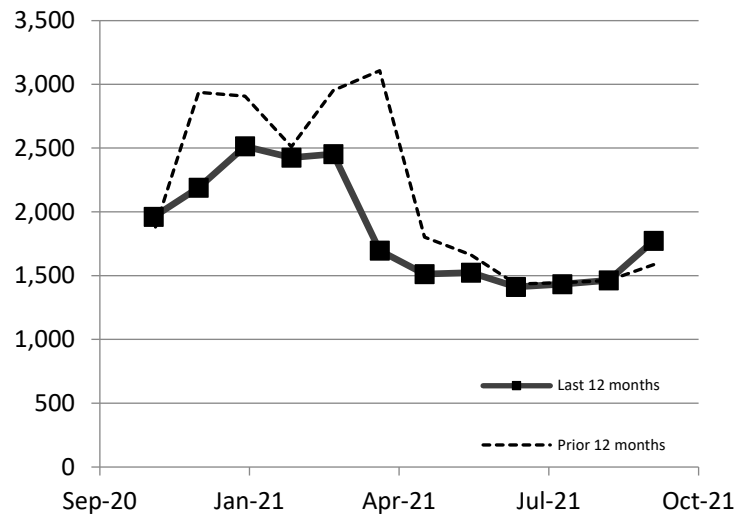
SOCWA Ocean Outfall Discharges by Agency

SOCWA Operational Report October, 2021 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.38	15.01%	1.38
EBSB			0.06	0.65%	0.06
SCWD	1.76	17.38%	1.03	11.15%	2.79
MNWD	1.75	17.25%	2.81	30.59%	4.57
ETWD			2.50	27.15%	2.50
CSJC	2.39	23.58%			2.39
SMWD	1.66	16.31%			1.66
CSC	2.59	25.48%			2.59
IRWD			1.42	15.45%	1.42
Total	10.16	100.00%	9.20	100.00%	19.35
or Acre-Feet per year equivalent					21,676

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

Oct-21	1,773
Sep-21	1,464
Aug-21	1,433
Jul-21	1,412
Jun-21	1,523
May-21	1,512
Apr-21	1,696
Mar-21	2,453
Feb-21	2,425
Jan-21	2,514
Dec-20	2,189
Nov-20	1,961
Total	22,356



Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

October 2021

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO FLOW	Rain 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	
10/01/21	No Flow				0.949	6.8	2.6	<0.1	0.350	3.8	4.0	0.1	1.931	7.5	7.0	<0.1	0.842	0.671	0.131	4.874	0.00
10/02/21	No Flow				1.420	10.2	4.0	<0.1	0.31	3.9	4.0		1.331	10.9	8.0		0.843	0.670	0.139	4.713	0.00
10/03/21	No Flow				1.766	8.2		<0.1	0.300	3.9	3.0	0.1	1.731	3.0	4.0	0.1	0.844	0.671	0.110	5.422	0.00
10/04/21	No Flow				2.615	9.4		<0.1	3.170	7.9	7.0	<0.1	1.967	6.4	5.0	<0.1	0.843	0.670	0.116	9.381	0.07
10/05/21	No Flow				3.497	14.8	4.5	<0.1	1.030	4.2	3.0	0.1	1.504	7.3	6.0	0.1	0.843	0.671	0.168	7.713	0.00
10/06/21	No Flow				2.952	12.6	4.8	<0.1	1.700	2.8	2.0	<0.1	2.072	4.7	5.0	0.2	0.827	0.645	0.129	8.325	0.00
10/07/21	No Flow				3.474	16.0	6.9	<0.1	3.470	5.9	3.0	0.3	2.076	6.1	4.0	0.1	0.826	0.643	0.137	10.626	0.01
10/08/21	No Flow				3.598	17.7	6.2	<0.1	5.230	4.4	3.0	<0.1	1.855	6.0	5.0	<0.1	0.827	0.641	0.129	12.280	0.16
10/09/21	No Flow				2.784	16.7	4.7	<0.1	4.640	2.6	3.0	<0.1	2.290	5.6	7.0	0.1	0.826	0.650	0.126	11.316	0.00
10/10/21	No Flow				3.383	14.0		<0.1	5.120	2.4	3.0	<0.1	2.483	1.4	3.0	0.1	0.817	0.647	0.137	12.587	0.00
10/11/21	No Flow				2.745	12.0		<0.1	5.150	4.6	4.0	0.2	2.497	2.6	3.0	0.1	0.814	0.645	0.019	11.870	0.00
10/12/21	No Flow				2.763	13.0	6.0	<0.1	5.390	2.5	3.0	<0.1	2.350	8.8	6.0	0.1	0.814	0.643	0.149	12.109	0.00
10/13/21	No Flow				1.896	9.1	3.0	<0.1	2.860	4.0	2.0	<0.1	2.565	6.3	5.0	0.1	0.814	0.639	0.106	8.880	0.00
10/14/21	No Flow				2.370	7.1	2.9	<0.1	0.570	3.2	3.0	<0.1	1.677	5.1	4.0	0.1	0.786	0.636	0.168	6.207	0.00
10/15/21	No Flow				1.857	5.0	2.0	<0.1	1.640	7.7	6.0	0.1	2.067	11.9	8.0	0.4	0.643	0.643	0.141	6.991	0.00
10/16/21	No Flow				1.224	4.4	2.8	<0.1	0.960	3.2	2.0		2.061	9.7	9.0		0.800	0.651	0.114	5.810	0.00
10/17/21	No Flow				2.124	7.0		<0.1	1.980	3.0	4.0	<0.1	2.115	4.3	4.0	0.1	0.800	0.650	0.137	7.806	0.00
10/18/21	No Flow				2.055	7.2		<0.1	2.950	3.9	4.0	0.1	1.794	6.6	5.0	0.1	0.801	0.648	0.105	8.353	0.00
10/19/21	No Flow				1.595	6.6	3.6	<0.1	1.500	3.3	3.0	<0.1	1.961	9.2	5.0	<0.1	0.800	0.647	0.131	6.634	0.00
10/20/21	No Flow				1.789	6.0	2.7	<0.1	1.000	4.5	4.0	0.1	2.114	9.2	6.0	0.1	0.799	0.646	0.148	6.496	0.00
10/21/21	No Flow				2.116	7.6	3.3	<0.1	0.900	4.4	2.0	0.1	2.256	11.8	6.0	0.1	0.798	0.635	0.149	6.854	0.00
10/22/21	No Flow				1.864	9.4	2.9	<0.1	1.360	3.2	3.0	<0.1	2.162	4.0	3.0	<0.1	0.803	0.636	0.112	6.937	0.00
10/23/21	No Flow				2.135	7.3	2.7	<0.1	2.940	2.3	4.0	0.1	2.175	2.6	4.0	0.1	0.803	0.637	0.117	8.807	0.02
10/24/21	No Flow				3.944	10.0		<0.1	3.310	3.8	3.0	0.1	2.417	3.7	4.0	0.1	0.792	0.635	0.048	11.146	0.00
10/25/21	No Flow				2.477	17.5		<0.1	4.280	5.0	3.0	<0.1	2.742	1.9	3.0	<0.1	0.792	0.634	0.138	11.063	0.30
10/26/21	No Flow				2.829	13.0	3.3	<0.1	5.720	5.4	4.0	0.2	2.746	1.9	4.0	<0.1	0.791	0.633	0.099	12.818	0.01
10/27/21	No Flow				3.700	10.8	4.2	<0.1	4.750	5.2	3.0	0.1	3.439	10.2	8.0	0.1	0.442	0.631	0.161	13.123	0.00
10/28/21	No Flow				3.378	21.0	6.5	<0.1	5.270	5.8	3.0	0.1	5.225	11.7	7.0	0.1	0.414	0.630	NO FLOW	14.917	0.00
10/29/21	No Flow				3.988	6.8	4.0	<0.1	3.490	7.5	6.0	<0.1	4.142	14.2	9.0	<0.1	0.629	0.630	NO FLOW	12.879	0.00
10/30/21	No Flow				1.118	18.0	4.9	<0.1	2.680	2.4	4.0	0.1	4.540	21.3	9.0	0.1	0.803	0.628	0.003	9.772	0.00
10/31/21	No Flow				3.014	17.0		<0.1	3.210	3.3	<2.0	<0.1	4.145	1.9	4.0	0.1	0.803	0.627	0.000	11.799	0.00
AVG	No Flow				2.497	11.0	4.0	<0.1	2.814	4.2	3.5	<0.1	2.465	7.0	5.5	<0.1	0.777	0.645	0.116	9.307	
TOTAL	No Flow				77.42				87.23				76.43				24.08	19.98	3.367	288.51	0.57

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: October 2021
 REPORT DUE: December 1 2021
 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: High Tide 0829

Weather: Partly Cloudy

COMMENTS: Spill at HB on 10/2/21. No sheen or oil slick was observed at any site.

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	10/04/21	1210	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S4	10/04/21	1130	<10	<10	<2	None	None	None	None	Green		Turbid		
S5	10/04/21	1140	<10	<10	<2	None	None	None	None	Green		Turbid		
S6	10/04/21	0940	<10	<10	<2	None	None	None	None	Green		Turbid		
WEST	10/04/21	0935	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S7	10/04/21	0925	10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S8	10/04/21	0920	<10	10	<2	None	None	None	None	Green		Turbid		
S9	10/04/21	0908	10	<10	<2	None	None	None	None	Green		Slightly Turbid		15
ACM1	10/04/21	0909	<10	10	6	None	None	None	None	Green		Slightly Turbid		
S10	10/04/21	0850	<10	<10	<10	None	None	None	None	Green		Slightly Turbid		
S11	10/04/21	0840	10	<10	2	None	None	None	None	Green	67	Slightly Turbid		
S12	10/04/21	0820	20	<10	4	None	None	None	None	Green		Slightly Turbid		

RECREATIONAL 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: October 2021
 REPORT DUE: December 1, 2021
 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 1248

Weather: Clear

COMMENTS: No oils or sheen observed at these locations.

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	10/11/21	1430	<10	<10	4	None	None	None	None	Green		Slightly Turbid		
S4	10/11/21	1410	600	40	84	None	None	None	None	Green	67	Slightly Turbid		
S5	10/11/21	1405	<10	<10	2	None	None	None	None	Green		Slightly Turbid		
S6	10/11/21	1300	30	<10	4	None	None	None	None	Green		Turbid		
WEST	10/11/21	1335	50	<10	20	None	None	None	None	Green		Slightly Turbid		
S7	10/11/21	1320	100	100	8	None	None	None	None	Green		Turbid		
S8	10/11/21	1305	30	<10	12	None	None	None	None	Green		Turbid		
S9	10/11/21	1230	210	210	310	None	None	None	None	Green		Turbid		
ACM1	10/11/21	1230	40	10	42	None	None	None	None	Green		Turbid		
S10	10/11/21	1135	40	10	56	None	None	None	None	Green		Turbid		
S11	10/11/21	1150	<10	<10	4	None	None	None	None	Green		Slightly Turbid		
S12	10/11/21	1125	210	100	320	None	None	None	None	Green	64	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-Aliso Creek Ocean Outfall

REPORT FOR: October 2021
 REPORT DUE: December 1, 2021
 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 0932

Weather: Clear

COMMENTS: Due to high tide/no stair access, S4 sampled at south end of S5.

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	10/20/21	1010	10	<10	<2	None	None	None	None	Green		Clear		
S4	10/20/21	0935	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S5	10/20/21	0925	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S6	10/20/21	0905	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
WEST	10/20/21	0900	10	<10	<2	None	None	None	None	Blue		Slightly Turbid		
S7	10/20/21	0850	10	<10	<2	None	None	None	None	Blue		Slightly Turbid		
S8	10/20/21	0845	<10	<10	<2	None	None	None	None	Blue	59	Slightly Turbid		
S9	10/20/21	0815	<10	<10	10	None	None	None	None	Blue	58	Slightly Turbid		
ACM1	10/20/21	0810	<10	<10	<2	None	None	None	None	Blue		Slightly Turbid		
S10	10/20/21	0750	<10	<10	<2	None	None	None	None	Blue		Clear		
S11	10/20/21	0742	<10	<10	<2	None	None	None	None	Blue		Clear		
S12	10/20/21	0725	<10	<10	<2	None	None	None	None	Blue		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-Aliso Creek Ocean Outfall

REPORT FOR: October 2021
 REPORT DUE: December 1, 2021
 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 1302

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	10/27/21	0755	50	<10	10	None	None	None	None	Green	61	Clear		
S4	10/27/21	1015	20	<10	<2	None	None	None	None	Green		Clear		
S5	10/27/21	1005	<10	<10	<2	None	None	None	None	Green		Clear		
S6	10/27/21	0945	12	<10	6	None	None	None	None	Green		Clear		
WEST	10/27/21	0935	150	<10	6	None	None	None	None	Green		Clear		
S7	10/27/21	0925	50	<10	8	None	None	None	None	Green		Clear		
S8	10/27/21	0915	20	20	8	None	None	None	None	Blue		Clear		
S9	10/27/21	0905	60	<10	6	None	None	None	None	Green		Clear		
ACM1	10/27/21	0900	190	20	20	None	None	None	None	Green		Clear		
S10	10/27/21	0840	<10	<10	<2	None	None	None	None	Green		Clear		
S11	10/27/21	0825	<10	<10	<2	None	None	None	None	Green		Clear		
S12	10/27/21	0815	<10	<10	<2	None	None	None	None	Green		Clear		

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

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



Aliso Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

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

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

MONITORING REPORT

Off Shore Stations

South Orange County Wastewater Authority

DISCHARGE: Aliso Creek Ocean Outfall

REPORT FOR: October 2021

REPORT DUE: December 1, 2021

SAMPLE SOURCE: Receiving water, nearshore and offshore

EXACT SAMPLE POINTS: As specified in permit

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

REPORT FREQUENCY: Monthly

SAMPLING FREQUENCY: Monthly

TYPE OF SAMPLE: Grab

Comments: High Tide 0913

Sta No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	
A-1	Surface	10/20/21	<2	<2	<2	0802	0	0	0 - None
A-1	Mid depth	10/20/21	<10	<10	<10				1 - Mild
A-2	Surface	10/20/21	<2	2	<2	0751	0	0	2 - Moderate
A-2	Mid depth	10/20/21	<10	<10	<10				3 - Severe
A-3	Surface	10/20/21	2	<2	<2	0754	0	0	
A-3	Mid depth	10/20/21	10	<10	<10				
A-4	Surface	10/20/21	<2	<2	<2	0806	0	0	
A-4	Mid depth	10/20/21	<10	10	<10				
A-5	Surface	10/20/21	<2	<2	<2	0759	0	0	
A-5	Mid depth	10/20/21	<10	<10	<10				
B-1	Surface	10/20/21	2	<2	<2	0745	0	0	
B-1	Mid depth	10/20/21	<10	10	<10				
B-2	Surface	10/20/21	<2	<2	<2	0812	0	0	
B-2	Mid depth	10/20/21	<10	<10	<10				
N1	Surface	10/20/21	6	<2	<2	0827	0	0	
N2	Surface	10/20/21	2	<2	<2	0825	0	0	
N3	Surface	10/20/21	4	<2	<2	0824	0	0	
N4	Surface	10/20/21	<2	<2	<2	0823	0	0	
N5	Surface	10/20/21	<2	<2	<2	0821	0	0	
N6	Surface	10/20/21	<2	<2	2	0820	0	0	
N7	Surface	10/20/21	<2	<2	<2	0819	0	0	

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

**Compliance Summary Report
Aliso Creek Ocean Outfall 2021**

ACOO Permit Order No. R9-2012-0013

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
No violations during this monitoring period.							



**SOCWA and MEMBER AGENCY FACILITIES
ACOO Spill / Overflow Report Log - 2021
Order No. R9-2012-0013 ~ NPDES Permit No. CA0107611**

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

SAN JUAN CREEK OCEAN OUTFALL MONITORING REPORT

October 2021

DATE	J.B. LATHAM FACILITY				SAN CLEMENTE WRP				SMWD CHIQUITA WRP				3-A PLANT				CSJC	SCWD	SJCOO	Rain
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	Desalter FLOW MGD	Desalter FLOW MGD	FLOW MGD	Fall inches
10/01/21	6.920	4.9	7.8	0.1	1.864	8.0	6.0	<0.1	0.009	3.4	3.5	<0.1	0.559	7.8	6.2	ND	0.454	0.193	10.900	0.00
10/02/21	6.630	9.1	18.4		1.816				0.000				0.495	10.0	7.2	ND	0.453	0.195	10.290	0.00
10/03/21	6.590	6.6	12.3	0.1	1.741				0.014				0.159				0.453	0.200	9.280	0.00
10/04/21	6.520	7.9	13.2	0.1	1.560	4.4	6.0	<0.1	0.014	3.4	7.5	0.1	0.089	10.4	6.4	ND	0.414	0.198	8.940	0.07
10/05/21	6.710	6.1	9.2	<0.1	2.220	3.6	7.0	<0.1	0.039	1.8	6.4	0.1	0.117	7.2	6.6	ND	0.254	0.196	8.630	0.00
10/06/21	6.070	5.1	7.3	0.1	2.734	3.2	3.0	<0.1	1.176	2.8	2.7	0.1	0.103	9.0	7.7	ND	0.000	0.194	8.770	0.00
10/07/21	6.410	8.4	9.4	0.1	3.090	3.3	5.0	<0.1	0.011	3.1	2.7	<0.1	0.095	8.4	6.8	ND	0.263	0.199	9.240	0.01
10/08/21	6.590	7.7	8.4	<0.1	3.091	7.2	6.0	<0.1	0.019	2.9	3.2	<0.1	0.093	7.4	6.5	ND	0.451	0.195	10.420	0.16
10/09/21	6.510	6.7	7.8	<0.1	2.857				0.000				0.117				0.451	0.195	9.630	0.00
10/10/21	6.380	8.2	8.4	<0.1	3.063				0.000				0.106				0.451	0.154	9.310	0.00
10/11/21	6.410	11.6	11.9	0.2	2.980	3.7	6.0	<0.1	0.019	3.3	7.0	<0.1	0.105	11.4	7.2	ND	0.449	0.142	9.610	0.00
10/12/21	6.550	15.5		0.2	3.276	4.0	5.0	<0.1	0.019	3.1	6.6	<0.1	0.105	9.2	5.9	ND	0.451	0.195	9.760	0.00
10/13/21	6.360	13.3	9.3	0.1	2.738	4.0	5.0	<0.1	0.093	2.1	3.3	<0.1	0.130	8.0	6.8	ND	0.445	0.200	10.280	0.00
10/14/21	6.390	7.9	8.6	0.1	2.882	3.7	4.0	<0.1	0.011	2.7	3.2	<0.1	0.298	7.4	6.1	ND	0.304	0.186	9.550	0.00
10/15/21	6.440	8.1	7.3	0.1	2.414	4.4	5.0	<0.1	0.004	2.1	3.5	<0.1	0.111	6.0	5.4	ND	0.450	0.198	9.500	0.00
10/16/21	6.260	6.7	9.7		2.442				0.000				0.112				0.448	0.195	9.580	0.00
10/17/21	6.450	7.7	11.0	0.1	1.891				0.000				0.174				0.404	0.194	8.570	0.00
10/18/21	6.760	10.4		0.2	2.179	4.8	8.0	<0.1	0.017	2.4	7.5	<0.1	0.132	14.8	8.2	ND	0.445	0.199	8.600	0.00
10/19/21	6.720	9.8	8.3	0.1	1.996	4.8	8.0	<0.1	0.021	2.1	6.2	<0.1	0.118	11.8	9.2	ND	0.447	0.194	9.630	0.00
10/20/21	6.510	7.9	7.7	0.1	2.791	4.1	5.0	<0.1	0.085	2.0	2.2	0.1	0.109	7.6	6.0	ND	0.440	0.199	8.960	0.00
10/21/21	6.680	10.8	7.8	0.2	2.269	4.7	5.0	<0.1	0.196	2.8	3.0	<0.1	0.096	9.4	7.4	ND	0.444	0.194	9.380	0.00
10/22/21	6.720	10.4	8.3	0.1	1.794	6.0	5.0	<0.1	0.029	1.9	3.2	0.3	0.239	9.0	7.6	ND	0.453	0.194	9.360	0.00
10/23/21	6.500	6.9	8.3	<0.1	2.529				0.000				0.341				0.360	0.199	8.980	0.02
10/24/21	6.300	7.6	7.7	0.1	3.252				0.000				0.180				0.445	0.194	9.150	0.00
10/25/21	6.400	7.6	6.1	<0.1	3.020	3.2	6.0	<0.1	0.018	3.8	6.8	<0.1	0.113	9.0	6.3	ND	0.380	0.195	10.060	0.30
10/26/21	6.540	5.7	6.2	<0.1	3.085	3.2	5.0	<0.1	0.013	2.6	5.6	<0.1	0.325	7.6	6.8	ND	0.000	0.200	9.620	0.01
10/27/21	6.460	5.0	5.3	<0.1	3.516	3.8	4.0	<0.1	0.013	2.5	3.3	0.1	0.105	7.4	7.0	ND	0.000	0.188	9.280	0.00
10/28/21	6.590	7.0	6.4	<0.1	2.885	4.7	4.0	<0.1	0.012	2.8	2.9	<0.1	1.565	8.2	7.2	ND	0.271	0.195	9.980	0.00
10/29/21	6.240	6.3	6.3	0.1	2.817	8.8	7.0	<0.1	0.011	2.8	2.2	<0.1	1.539	8.8	7.4	ND	0.440	0.199	9.750	0.00
10/30/21	6.390	4.5	6.0	0.1	2.794				0.000				1.545				0.427	0.195	10.730	0.00
10/31/21	6.630	5.3	5.6	<0.1	2.634				0.000				1.530				0.424	0.196	10.840	0.00
AVG	6.504	8.0	8.6	<0.1	2.588	4.6	5.5	<0.1	0.059	2.7	4.4	<0.1	0.352	8.9	6.9	ND	0.373	0.193	9.567	
TOTAL	201.630				80.220				1.843				10.905				11.571	5.970	296.580	0.57

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: October 2021
 REPORT DUE: December 1, 2021
 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 0829

Weather: Partly Cloudy

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	10/04/21	0900	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S1	10/04/21	0920	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S2	10/04/21	0810	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB5	10/04/21	0755	<20	<20	6	None	None	None	None	Green	62	Slightly Turbid		
S3	10/04/21	0925	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB4	10/04/21	930	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S5	10/04/21	935	<20	<20	4	None	None	None	None	Green		Slightly Turbid		
DSB1	10/04/21	940	<20	<20	20	None	None	None	None	Green		Slightly Turbid		
SJC1	10/04/21	850	<100	<100	<10	None	None	None	None	Green		Slightly Turbid		

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: October 2021
 REPORT DUE: December 1, 2021
 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 0727

Weather:

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	10/12/21	0930	200	40	<2	None	None	None	None	Green	64	Slightly Turbid		
S1	10/12/21	0950	100	100	2	None	None	None	None	Green		Slightly Turbid		
S2	10/12/21	0840	60	<20	6	None	None	None	None	Green		Slightly Turbid		
DSB5	10/12/21	0820	20	<20	4	None	None	None	None	Green		Slightly Turbid		
S3	10/12/21	1015	220	20	8	None	None	None	None	Green		Slightly Turbid		
DSB4	10/12/21	1030	240	40	2	None	None	None	None	Green		Slightly Turbid		
S5	10/12/21	1040	200	40	20	None	None	None	None	Green		Slightly Turbid		
DSB1	10/12/21	1100	100	80	4	None	None	None	None	Green	64	Slightly Turbid		
SJC1	10/12/21	0915	100	<100	<10	None	None	None	None	Green		Slightly Turbid		

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: October 2021
 REPORT DUE: December 1, 2021
 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 850

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	10/19/21	0820	<20	<20	<2	None	None	None	None	Green	61	Slightly Turbid		
S1	10/19/21	0825	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S2	10/19/21	0755	80	20	6	None	None	None	None	Brown		Slightly Turbid		
DSB5	10/19/21	0745	<20	<20	2	None	None	None	None	Brown		Slightly Turbid		
S3	10/19/21	0835	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB4	10/19/21	0845	20	<20	<2	None	None	None	None	Green		Clear		
S5	10/19/21	0855	<20	<20	<2	None	None	None	None	Green		Clear		
DSB1	10/19/21	0910	<20	<20	20	None	None	None	None	Green		Clear		
SJC1	10/19/21	0800	<100	<100	<10	None	None	None	None	Green	Slightly Turbid			

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: October 2021
 REPORT DUE: December 1, 2021
 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 0950

Weather: Clear

COMMENTS:

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Entero-coccus	Material of Sewage Origin		Oil & Grease		Water	H2O	Water	Water	Outlet	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition			
S0	10/27/21	0905	30	120	180	None	None	None	None	Green	58	Turbid			
S1	10/27/21	0910	140	20	30	None	None	None	None	Green		Turbid			
S2	10/27/21	0855	140	20	32	None	None	None	None	Green		Turbid			
DSB5	10/27/21	0840	<20	40	6	None	None	None	None	Green		Turbid			
S3	10/27/21	0920	<20	<20	22	None	None	None	None	Green		Turbid			
DSB4	10/27/21	0920	20	20	8	None	None	None	None	Green		Turbid			
S5	10/27/21	0930	20	20	20	None	None	None	None	Green		Turbid			
DSB1	10/27/21	0940	80	20	20	None	None	None	None	Green		Turbid			
SJC1	10/27/21	0905	400	100	220	None	None	None	None	Green		Turbid			

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



San Juan Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

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

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

MONITORING REPORT

Offshore

South Orange County Wastewater Authority

DISCHARGE: San Juan Creek Ocean Outfall

REPORT FOR: October 2021

REPORT FREQUENCY: Monthly

REPORT DUE: December 1, 2021

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 0913

Station No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	10/20/21	<2	<2	<2	0924	0	0	
A-1	Mid depth	10/20/21	<10	<10	<10				
A-2	Surface	10/20/21	2	<2	<2	0928	0	0	
A-2	Mid depth	10/20/21	<10	<10	<10				
A-3	Surface	10/20/21	2	<2	<2	0933	0	0	
A-3	Mid depth	10/20/21	<10	<10	<10				
A-4	Surface	10/20/21	<2	<2	<2	0941	0	0	
A-4	Mid depth	10/20/21	<10	<10	<10				
A-5	Surface	10/20/21	<2	<2	<2	0937	0	0	
A-5	Mid depth	10/20/21	<10	<10	<10				
B-1	Surface	10/20/21	<2	<2	<2	0917	0	0	
B-1	Mid depth	10/20/21	<10	<10	<10				
B-2	Surface	10/20/21	2	<2	<2	0952	0	0	
B-2	Mid depth	10/20/21	<10	<10	<10				
N1	Surface	10/20/21	<2	<2	<2	0911	0	0	
N2	Surface	10/20/21	<2	<2	<2	0908	0	0	
N3	Surface	10/20/21	<2	<2	<2	0904	0	0	
N4	Surface	10/20/21	<2	<2	2	0859	0	0	
N5	Surface	10/20/21	2	<2	<2	0856	0	0	
N6	Surface	10/20/21	4	<2	<2	0854	0	0	

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

**Compliance Summary Report
San Juan Creek Ocean Outfall 2021**

SJCOO Permit Order No. R9-2012-0012							
Agency	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
No violations during this reporting period.							



SOCWA and MEMBER AGENCY FACILITIES
SJCOO Spill / Overflow Report Log - 2021
Order No. R9-2012-0012 ~ 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.							

Recycled Water Report

**2021 Compliance Summary Report
Recycled Water Permit**

Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
SOCWA - RTP	1/7/2021	Manganese	12-Month	mg/L	0.05	0.11	
SOCWA - RTP	1/7/2021	TDS	12-Month	mg/L	1000	1141	
SOCWA - RTP	1/7/2021	Iron	12-Month	mg/L	0.30	0.47	
MNWD - 3A	1/11/2021	Manganese	12-Month	mg/L	0.05	0.07	
MNWD - 3A	1/11/2021	TDS	12-Month	mg/L	1000	1112	
SOCWA - CTP	1/7/2021	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	2/2/2021	Manganese	12-Month	mg/L	0.05	0.13	
SOCWA - RTP	2/2/2021	TDS	12-Month	mg/L	1000	1170	
SOCWA - CTP	2/6/2021	Manganese	12-Month	mg/L	0.05	0.09	
SOCWA - RTP	3/2/2021	Manganese	12-Month	mg/L	0.05	0.11	
SOCWA - RTP	3/2/2021	TDS	12-Month	mg/L	1000	1160	
SOCWA - CTP	3/2/2021	Manganese	12-Month	mg/L	0.05	0.05	
SOCWA - CTP	4/6/2021	Manganese	12-Month	mg/L	0.05	0.05	
SOCWA - RTP	4/6/2021	Manganese	12-Month	mg/L	0.05	0.10	
SOCWA - RTP	4/6/2021	TDS	12-Month	mg/L	1000	1160	
MNWD - 3A	4/24/2021	Manganese	12-Month	mg/L	0.05	0.07	
MNWD - 3A	4/24/2021	TDS	12-Month	mg/L	1000	1260	
SOCWA - RTP	4/30/2021	Coliform	30 Day Mean	MPN/100mL	23	25.6	
MNWD - 3A	5/24/2021	TDS	12-Month	mg/L	1000	1130	
MNWD - 3A	5/24/2021	TDS	Daily Maximum	mg/L	1100	1110	
MNWD - 3A	5/24/2021	Manganese	12-Month	mg/L	0.05	0.08	
SOCWA - RTP	5/4/2021	Iron	12-Month	mg/L	0.3	0.34	
SOCWA - RTP	5/4/2021	TDS	12-Month	mg/L	1000	1138	
SOCWA - RTP	5/4/2021	TDS	Daily Maximum	mg/L	1100	1260	
SOCWA - RTP	5/4/2021	Manganese	12-Month	mg/L	0.05	0.11	
MNWD - 3A	5/24/2021	TDS	12-Month	mg/L	1000	1131	
MNWD - 3A	5/24/2021	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	6/1/2021	Iron	12-Month	mg/L	0.3	0.36	
SOCWA - RTP	6/1/2021	TDS	12-Month	mg/L	1000	1140	

**2021 Compliance Summary Report
Recycled Water Permit**

SOCWA - RTP	6/1/2021	TDS	Daily Maximum	mg/L	1100	1210	
SOCWA - RTP	6/1/2021	Manganese	12-Month	mg/L	0.05	0.11	
SOCWA - CTP	6/1/2021	Manganese	12-Month	mg/L	0.05	0.07	
TCWD - RRWRP	6/17/2021	Iron	12-Month	mg/L	0.05	0.46	
SOCWA - RTP	7/1/2021	TDS	12-Month	mg/L	1000	1138	
SOCWA - RTP	7/1/2021	TDS	Daily Maximum	mg/L	1100	1140	
SOCWA - RTP	7/1/2021	Manganese	12-Month	mg/L	0.05	0.11	
SOCWA - CTP	7/1/2021	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - CTP	7/1/2021	TDS	12-Month	mg/L	1000	1138	
MNWD - 3A	7/6/2021	TDS	Daily Maximum	mg/L	1100	1130	
MNWD - 3A	7/6/2021	TDS	12-Month	mg/L	1000	1144	
MNWD - 3A	7/6/2021	Manganese	12-Month	mg/L	0.05	0.08	
SOCWA - RTP	8/12/2021	TDS	12-Month	mg/L	1000	1143	
SOCWA - RTP	8/12/2021	TDS	Daily Maximum	mg/L	1100	1210	
SOCWA - RTP	8/12/2021	Manganese	12-Month	mg/L	0.05	0.11	
SOCWA - CTP	8/12/2021	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	8/12/2021	Iron	12-Month	mg/L	0.05	0.36	
MNWD - 3A	8/4/2021	TDS	12-Month	mg/L	1000	1153	
MNWD - 3A	8/4/2021	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	9/23/2021	TDS	12-Month	mg/L	1000	1147	
SOCWA - RTP	9/23/2021	TDS	Daily Maximum	mg/L	1100	1160	
SOCWA - RTP	9/23/2021	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - CTP	9/23/2021	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - 3A	9/6/2021	TDS	12-Month	mg/L	1000	1160	
MNWD - 3A	9/6/2021	Manganese	12-Month	mg/L	0.05	0.07	
TCWD - RRWRP	9/7/2021	TDS	12 month	mg/L	1000	1070	
TCWD - RRWRP	9/7/2021	Nitrate	Quarterly	mg/L	10	13.10	
SOCWA - RTP	10/14/2021	TDS	12-Month	mg/L	1000	1155	
SOCWA - RTP	10/15/2021	TDS	Daily Maximum	mg/L	1100	1260	
SOCWA - RTP	10/16/2021	Manganese	12-Month	mg/L	0.05	0.10	
SOCWA - CTP	10/17/2021	Manganese	12-Month	mg/L	0.05	0.07	
MNWD - 3A	10/4/2021	TDS	12-Month	mg/L	1000	1143	
MNWD - 3A	10/4/2021	Manganese	12-Month	mg/L	0.05	0.07	

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: Oct 31, 2021

Constituent	Units	12-month Avg Maximum Permit Limit	TCWD 12-month Average	SMWD Oso 12-month Average	SMWD Chiquita 12-month Average	SMWD Nichols 12-month Average	MNWD-3A 12-month Average	MNWD-RTP 12-month Average	SCWD-CTP 12-month Average

TDS	mg/L	1000	989	971	903	876	1,143	1,155	982
Chloride	mg/L	375	234	213	203	240	221	265	215
Sulfate	mg/L	400	315	280	230	203	342	318	234
Sodium	mg/L	None	146	170	158	183	180	188	154
Alkalinity	mg/L	None	-	-	-	-		265	211
Adjusted SAR	Ratio	None	30.58	4.53	4.76	5.64	3.95	4.48	4.30
Iron	mg/L	0.3	0.076	0.031	0.130	0.008	0.14	0.326	0.127
Manganese	mg/L	0.05	0.008	0.028	0.040	0.009	0.07	0.102	0.070
MBAS	mg/L	0.5	<0.01	<0.10	<0.12	0.27	ND	<0.08	<0.10
Boron	mg/L	0.75	0.357	0.373	0.348	0.477	0.39	0.375	0.30
Fluoride	mg/L	None	0.60	0.720	0.50	0.56	0.96	0.88	0.77
Total Organic Carbon	mg/L	None	6.1	13.8	12.5	8.9	2.9	10.0	7.5

*** 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)
2021

Agency	Facility or Region	Jan '21	Feb '21	Mar '21	Apr '21	May '21	Jun '21	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Annual Totals
CSJC 1	3-A Plant/MNWD	0.00	0.000	1.000	4.000	0.000	1.730	0.000	0.020	0.000	0.000			0.00
CSJC 2	Chiquita/SMWD	18.21	22.920	28.950	33.860	33.680	40.390	45.330	45.290	40.890	34.390			343.91
CSJC 3	Non-Domestic Well	0.00	0.000	0.050	15.850	35.830	33.630	43.440	38.390	28.270	25.150			220.61
ETWD	Region 8	53.03	75.504	79.892	171.137	198.256	224.633	235.184	241.073	197.658	86.865			1,563.23
IRWD														
4	IRWD - 8	66.48	39.897	59.734	129.004	147.619	174.114	200.629	207.973	182.326	118.354			1,326.13
4	IRWD - 9	23.71	19.318	36.024	78.542	78.944	97.796	103.783	105.813	103.650	62.893			710.48
SCWD	SOCWA CTP	68.702	42.729	52.982	106.271	98.145	114.167	147.378	153.594	141.931	62.811			988.71
MNWD	JRP	151.70	275.985	386.649	551.510	567.818	536.902	625.010	589.963	539.142	437.010			4,661.68
	3-A Plant	59.99	0.000	0.000	5.831	143.268	142.881	150.428	148.301	135.574	120.653			906.92
5	CTP	29.42	2.504	2.915	10.484	6.017	26.073	10.171	20.898	22.136	-7.431			123.19
SMWD	Oso Creek	148.61	121.979	141.012	126.414	145.296	141.657	149.277	150.228	136.799	149.473			1,410.75
	Chiquita	438.61	284.455	285.898	454.134	507.686	472.517	477.734	485.130	463.310	470.460			4,339.93
	Nichols	1.61	1.504	1.712	1.666	1.894	2.001	2.240	1.979	1.909	1.602			18.11
TCWD	RRWRP	50.41	43.867	52.478	49.007	46.429	43.010	47.153	46.899	44.677	46.586			470.51
TOTALS		1,110.5	930.7	1,129.3	1,737.7	2,010.9	2,051.5	2,237.8	2,235.6	2,038.3	1,608.8			17,090.92

- 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

4.J.

Legal Counsel Review: No

Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Katie Greenwood, Source Control Manager

SUBJECT: Monthly Pretreatment Report – October and November 2021
San Juan Creek Ocean Outfall
NPDES Permit #CA0107417 Order #R9-2012-0012
Aliso Creek Ocean Outfall
NPDES Permit #CA0107611 Order #R9-2012-0013

Summary of Program Activities

SOCWA adopted Pretreatment Ordinance 2020-1 on October 1, 2020. Member agencies (MAs) continue the process of amending their individual pretreatment ordinances. CSC Staff confirmed plans to adopt the changes during its December City Council meeting. Once finalized, all SOCWA MAs will have updated Pretreatment Ordinances.

The 2020 PCI report included a recommendation for SOCWA to reach out to dental facilities which have not yet submitted to SOCWA a One-Time Report in compliance with the EPA Dental Amalgam Rule which took effect in July of 2017. Therefore, as of mid-September 2021 SOCWA has dedicated short-term Staff to call each surveyed non-compliant dental facility and increase SOCWA's reporting percentage. As of November 22, 2021, Staff estimates SOCWA has received Reports from approximately 50% of its surveyed dental facilities.

On August 24, 2021, State Staff, and its contractors from PG Environmental performed an in-person PCI. The in-person PCI lasted one day and include a half-day of interview and file review and a half-day of inspections. Which files to review and which sites to inspect are chosen at the discretion of the Audit Staff inspectors. The final exit meeting was performed virtually on September 22, 2021. All findings and recommendations were relayed verbally and relate to required permit language. SOCWA expected to receive the written report 30-days from the exit meeting, October 22, 2021, but has yet to be given copy.

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:

CSJC/SMWD – SWD Permit No. SOCWA-4-003-09-25 – SMWD finalized its annexation of CSJC on November 15, 2021. SOCWA Staff issued a new permit for discharges from the Groundwater

Recovery Plant (GWRP) located at 32470 Paseo Adelanto reflecting SMWD as the new permittee on November 23, 2021.

CSJC/SMWD – SWD Permit No. SOCWA-4-001-08-25 - North Open Space Pump Station and Settling Basin located at 30291 Camino Capistrano. SMWD finalized its annexation of CSJC on November 15, 2021. SOCWA Staff is in process of amending the permit to reflect SMWD as the new permit holder in place of CSJC.

CSJC/SMWD – NSWD Permit No. CSJC-N4-001-08-22 - Alipaz Diversion – SMWD finalized its annexation of CSJC on November 15, 2021. SOCWA Staff is in process of preparing a new permit to reflect SMWD as co-issuer with SOCWA in place of CSJC. Staff is aiming to issue a new permit by April 15, 2022, when dry-weather diversions are allowed to be turned on again and operated.

CSJC/SMWD – WD Permit No. CSJC-2-001-12-22 Rancho Mission Viejo Riding Park – Staff has prepared a new permit for re-issuance reflecting SMWD as the issuing entity in place of CSJC. The draft new permit was provided to SMWD Staff for review and signature on November 23, 2021. Staff is aiming to issue the new Permit by December 6, 2021.

SCWD – FASTECH/Chevron – On November 8, 2021, SOCWA Staff issued a BMP letter for the allowance of a one-time discharge event of 45,000 gallons of ballast wastewater generated during construction activities on November 17, 2021.

SMWD – Applied Medical – On September 9, 2021, SOCWA issued a BMP letter for a one-time system flush before initiating operations of a new Cogen system located at 29977 Avenida de las Banderas in RSM. The discharge commenced on November 15th, 2021. SMWD Operations Staff was notified prior to the start of discharge.

SMWD – Applied Medical – On November 12, 2021, SOCWA Issued a BMP letter allowing Applied Medical to temporarily discharge 250 gpd of wastewater from an interim cooling tower located at 30152 Aventura in RSM while the main cooling tower is repaired. The need to temporarily discharge is expected to last three-four weeks in alignment with repair timeframes. SMWD Operations Staff was notified prior to the start of discharge and will be again notified upon termination.

SOCWA – San Juan Basin Authority – On November 22, 2021, SOCWA modified Non-Industrial Wastewater Discharge (NIWD) Form No. SOCWA-1-001 to include a new discharge point.

Trainings and Committee Meetings Attended

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

On November 16, 2021, Staff attended a virtual Industry Advisory Council meeting hosted by Los Angeles County Sanitation Districts. The meeting focused on present and future State and Federal environmental regulations.

Enforcement

On October 22, 2021, SOCWA issued a Warning of Notice of Non-Compliance (WNON) to both Custom Flavors locations (WD Permit Nos. CSC-2-009 and CSC-2-010) for not collecting and testing a sample in September. The sample was required to be collected sometime in September

2021 and results reported by October 20, 2021. However, the October SMR submittal included sampling results for samples collected on October 1, 2021. The WNON required Custom Flavors Staff to collect an additional sample in October 2021. All sampling results were compliant with permit limits.

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. *There are two remaining annual inspections and sampling events that are required to be performed before the end of the year. The two sites are Applied Medical facilities located in Santa Margarita (Permit Nos. SMWD-1-003 and SMWD-1-004).*

SMWD – On November 8, 2021, Staff inspected Control Components and was on-site to observe the semi-annual pump-out of the clarifier. The inspection yielded no major findings.

SMWD – On November 10, 2021, SOCWA Staff conducted the annual inspection and sampling event of Applied Medical's passivation process (Permit No. SMWD-1-004). The inspection yielded no major new findings and sampling results are pending.

SMWD – On November 10, 2021, SOCWA Staff conducted the annual inspection of Applied Medical's rubber manufacturing process (Permit No. SMWD-1-003) and performed sampling at Sampling Location 001 and Sampling Location 002. The inspection yielded no major new findings and sampling results were compliant with permit limits.

Summary of IWS Activities in SOCWA's Service Area - YTD through October 20, 2021*

MA IUs	Events	Permits	NIWD	BMPs	FSEs	OSes	DSEs	Closed	Enforcement	Total IUs
CLB (S)	2	3	2	5	8	110	25	0	0	128
CSC (S)	6	10	35	18	181	1295	58	0	1	1597
CSJC (S)	1	3	27	59	137	1666	38	0	1	1930
ETWD (M)	2	4	87	0	262	132	84	0	0	568
EBSU (U)	2	1	0	0	0	0	0	0	0	1
IRWD (S)	6	4	51	21	63	937	24	0	1	1100
MNWD (S)	95	4	121	39	632	2093	202	17	0	3089
SMWD (S)	65	6	19	20	210	801	79	9	0	1135
SCWD (S)	2	8	33	7	148	182	27	0	0	405
TCWD (S)	0	11	0	0	0	33		0	0	44
SOCWA (S)	0	8	1	0	0	0		0	0	9
Totals	181	62	376	169	1641	7249	537	26	3	10006

(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

*Note, Staff is in process of receiving SOCWA One-Time Compliance Reports from DSEs. Staff has placed a hold on fully updating IWS spreadsheets for each MA until temporary Staff has completed this work. See second paragraph from top for more information.

Agenda Item

4.K.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jason Manning, Director of Engineering

SUBJECT: Capital Improvement Program Status Report

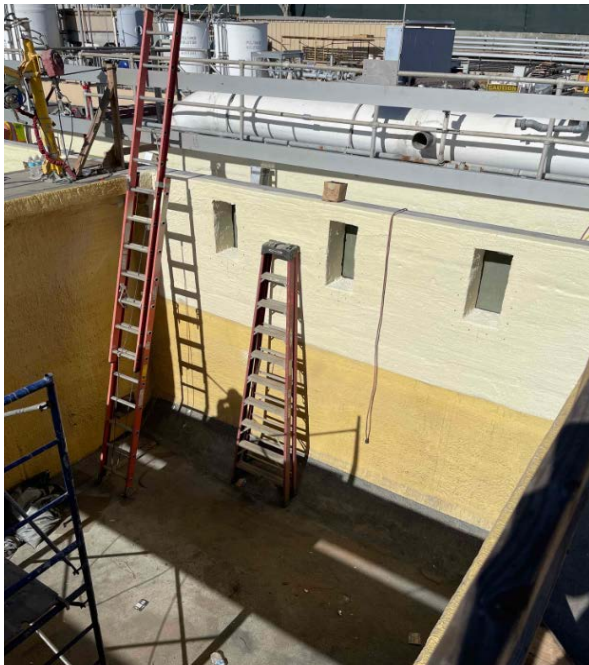
The status of the SOCWA Capital Improvement Program is presented in the tables on the following pages.

Below are photos of the major construction projects currently underway at SOCWA facilities.

JB Latham Package B

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

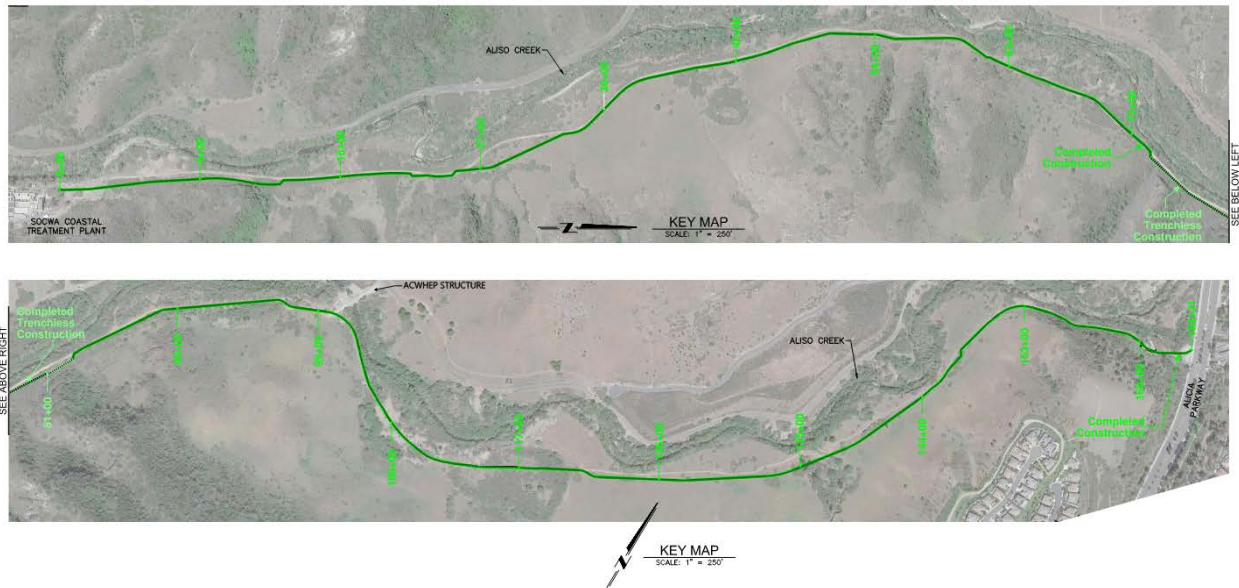
Work continues in the Plant 1 Primary Tanks (left) and Primary Effluent Channel (right)



Coastal Treatment Plant Sludge Force Main Replacement

New 6-inch HDPE force main replacing ageing 4-inch (x2) lines from the Coastal Treatment Plant to the Regional Treatment Plant through Aliso Canyon:

Export Sludge Force Main Construction Progress as of October 19, 2021



The new 6" HDPE was put online on November 9, 2021. Pad completed for one of the air relief valves (left). Site restoration work continues (right).



SOCWA CIP Workplan

Project Number	Project Name	FY 22 Budget	FY 23 Budget	Status	FY 2021/2022				FY 2022/2023				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
PC 2 - J.B. Latham Treatment Plant													
3220/3231/3287	Facility Improvements B	\$ 7,050,000	\$ -	In Construction	C	C	C	C	C				
32225C/S	Energy Building Upgrades	\$ 1,580,000	\$ 2,370,000	In Design			D	D	B&A	C	C	C	
32226L	Effluent Pump Station Upgrades	\$ 375,000	\$ 2,125,000	In Design			D	D	B&A	C	C	C	
32223C	Drainage Pump Station Reconstruction	\$ 133,937	\$ 44,646				D	D	B&A	C			
42221C	Site Storage Evaluation	\$ 60,975	\$ -			P	P	P					
42222C	Electrical Conduit and Cable Master Plan	\$ 60,975	\$ -					P	P				
52222C	NFPA 70 Classification Mapping	\$ 30,000	\$ -				P	P					
52223C	DHS Facility Compliance Review	\$ 17,500	\$ 17,500					P	P				
52221C	Arc Flash 5-Year Update	\$ 8,000	\$ -				P						
42232C	Chlorine Building and Storm Water Pump Station Condition Assessment	\$ -	\$ 50,223							CA	CA		
32233L	Plant 1 Grit Handling	\$ -	\$ 50,703								CA	CA	
42231L	Influent Flow Metering Evaluation	\$ -	\$ 50,922							CA	CA		
42233C	Buried Utility Master Plan	\$ -	\$ 152,438									P	
3285-000	Main Plant Drain Line Reconstruction (2018)	\$ -	\$ 223,136								D	D	B&A
32231S	Gas Flare Replacement	\$ -	\$ 263,384										D
32234L	Chlorine Contact Basin Isolation Gates and Structural Rehabilitation	\$ -	\$ 331,471							D	B&A	C	C
PC 5 - San Juan Creek Ocean Outfall													
562210	Outfall Port Cleaning	\$ 45,000	\$ -				ENV	ENV					
362210	Surge System Air Valve Replacement	\$ -	\$ 39,062								C		
462110	Land Outfall Facility Condition Assessment	\$ -	\$ 52,326								CA	CA	
462210	Marine Outfall Core Sample and Condition Assessment	\$ -	\$ 90,000									CA	CA

SOCWA CIP Workplan

Project Number	Project Name	FY 22 Budget	FY 23 Budget	Status	FY 2021/2022				FY 2022/2023						
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
PC 15 - Coastal Treatment Plant															
3541-000	Export Sludge System Construction (2020)	\$ 3,248,233	\$ 1,392,100	In Construction	C	C	C	C	C	C					
3539-000	Facility Construction Improvements	\$ 2,825,000	\$ -	Completed	C	C									
35228L	Aeration Blower System Upgrades	\$ 1,600,000	\$ 6,400,000	Diffusers purchased for installation in FY22. Blower design in FY23.		D	B&A	C	C	C	D	B&A	C		
3522CL	West Basin Scum Collection System	\$ 400,000	\$ -					D	B&A	C	C				
3522AL	Drainage Pump Station	\$ 175,000	\$ -					CA	CA						
3525-000	Personnel Building Reconstruction	\$ 150,000	\$ -		In Design			B&A	C	C					
3522BL	Headworks Upgrades	\$ 125,000	\$ -						P	P					
35221L	Auxiliary Blower and Maintenance Building Roofs	\$ 100,000	\$ 100,000				P	P	B&A	C	C				
35229L	Foul Air System	\$ 76,422	\$ -						P						
35220L	Fiber Installation to Alicia Parkway	\$ 65,000	\$ -					B&A	C	C					
45212L	Site Storage Evaluation	\$ 50,000	\$ -					P	P	P					
45226L	Consequence of Failure Analysis	\$ 50,000	\$ -					P	P						
55222L	NFPA 70 Classification Mapping	\$ 30,000	\$ -				P	P							
35221A	Contact Basin Gate	\$ 25,000	\$ 225,000					D	B&A	C					
55221L	DHS Facility Compliance Review	\$ 17,500	\$ 17,500					P	P						
35231L	Vehicle Storage Building Mezzanine Upgrades	\$ -	\$ 85,000							C	C				
35232L	South Embankment Protection	\$ -	\$ 175,000								B&A	C	C		
35233L/36L	Scum Pump Station and Wet Well	\$ -	\$ 289,284								B&A	C	C		
35234L	RAS/WAS Pump Station	\$ -	\$ 83,705							D	D				
35235L	Odor Control Scrubber/Foul Air System Reconstruction	\$ -	\$ 36,719											D	
35237L	Electrical Manhole/Cable Project	\$ -	\$ 85,000									CA	CA		

SOCWA CIP Workplan

Project Number	Project Name	FY 22 Budget	FY 23 Budget	Status	FY 2021/2022				FY 2022/2023			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 17 - Regional Treatment Plant												
3758-000	AWT No.2 Reconstruction (2020)	\$ 2,271,932	\$ -					B&A	C	C		
3753-000	Aeration Diffuser Upgrade (2020)	\$ 1,750,000	\$ -	In Construction	C	C	C					
3722CL	Aeration Basin, Gate, and Blower Upgrades	\$ 710,000	\$ 4,615,000				D	D	B&A	C	C	C
37222C	SCADA System Upgrade Project	\$ 387,131	\$ -				P	P	C	C		
3759-000	AWT No.2 Electrical Upgrades (2020)	\$ 348,070	\$ -				B&A	C	C			
37227C	Energy Building Upgrades	\$ 312,500	\$ 312,500				CA	CA	D	B&A	C	C
3773-000	Co-Generation System Modifications (2020)	\$ 290,689	\$ -	Completed	C	C						
3722BL	Mixed Liquor Channel	\$ 284,154	\$ -				D	D	D			
3776	Effluent Pond Gate Replacement	\$ 249,885	\$ -					B&A	C	C		
47212C	Site Storage Evaluation	\$ 81,300	\$ -					P	P	P		
37229C	Laboratory Reconstruction	\$ 76,500	\$ -					P	P	P		
47222L	Secondary Effluent Conveyance Evaluation	\$ 52,621	\$ -					P	P			
37220L	Interstage Pump Station	\$ 52,346	\$ -				D	D				
37228C	West Side Storm Channel Reconstruction	\$ 50,000	\$ 200,000				D	D	B&A	C	C	
47224C	Consequence of Failure Analysis	\$ 50,000	\$ -				P	P				
37221C	West Slope Protection	\$ 39,000	\$ 156,000				D	D	B&A	C	C	
57221C	NFPA 70 Classification Mapping	\$ 30,000	\$ -				P	P				
3756-000	Secondary Clarifier Safety Repairs (2020)	\$ 29,750	\$ 55,250				D	D	B&A	C	C	C
57222C	DHS Facility Compliance Review	\$ 17,500	\$ 17,500					P	P			
57223C	Arc Flash 5-Year Update	\$ 8,000	\$ -					P				
3722AL/C/S	MCC A, C, G, H Replacement	\$ -	\$ 1,527,741	In Design					B&A	C	C	C
37230C	Admin. Bldg. Door and Window Repair	\$ -	\$ 132,748							B&A	C	C
37232L/C	Site Lighting Upgrades	\$ -	\$ 797,923							C	C	C
37237C	Instrumentation Plan	\$ -	\$ 100,446								P	P
37233L	Secondary Scum Pump Station Reconstruction	\$ -	\$ 645,542						D	D	B&A	C
37234L	RAS System Upgrades	\$ -	\$ 55,803							CA	CA	
37235L	Primary Sedimentation Collectors and Gates	\$ -	\$ 100,898									D
37238L	Grit Handling	\$ -	\$ 63,145						D	D		
37231S	Solids Area Overhaul Plan	\$ -	\$ 100,446							P	P	
37239S	Digester System Condition Assessment	\$ -	\$ 94,865								CA	CA

SOCWA CIP Workplan

Project Number	Project Name	FY 22 Budget	FY 23 Budget	Status	FY 2021/2022				FY 2022/2023			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 21 - Effluent Transmission Main												
3107-000 (B/C/D)	Air Valve Replacement Construction (D) (2021)	\$ 377,778	\$ -	In Design	D	D	B&A	C	C			
31221B	Trail Bridge Crossing (D)	\$ 360,000	\$ 840,000			D	D	D				
31222B	Aliso ETM Reach B/C Techite Replacement	\$ 292,000	\$ 292,000				P	P	P			
3108-000 (E)	Air Valve Replacement Construction (E) (2021)	\$ 472,222	\$ -	In Design	D	D	B&A	C	C			
PC 24 - Aliso Creek Ocean Outfall												
3480-000	Internal Seal Replacement	\$ 175,000	\$ -					B&A	C	C		
34222O	Golf Course Road	\$ 45,000	\$ -					CA	CA			
54221O	Outfall Port Cleaning	\$ 45,000	\$ -						ENV	ENV		
34231O	Metering and Sampling	\$ -	\$ 66,964							C	C	
34232O	Creek Section Pipeline Replacement	\$ -	\$ 50,703							P	P	

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

Agenda Item

4.L.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: PC-2 & PC-15 Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jason Manning, Director of Engineering

SUBJECT: Capital Improvement Program Project Financial Status and Change Orders [Project Committees 2 & 15]

Summary/Discussion

The attached CIP Report shows the financial status of the major construction projects as well any potential and Engineering Committee reviewed change orders. Please note that there are two new change orders for PC 2 J.B. Latham Package B project totaling \$15,315.

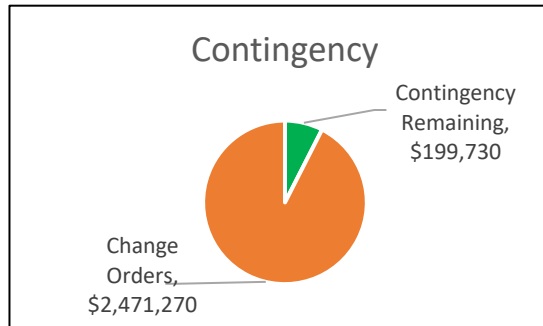
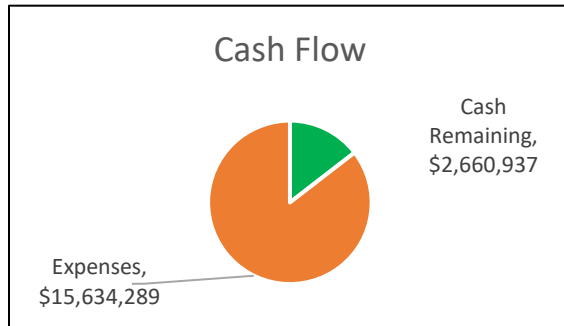
Recommended Action: The Engineering Committee recommends to the PC-2 Board of Directors to approve Olsson Construction Change Order 31 for (\$15,903.00), Change Order 32 for \$6,132.27, Change Order 33 for \$18,147.07, and Change Order 34 for \$12,383.89 for a total of \$20,759.23 and a revised contract value of \$18,537,518.51 for the J.B. Latham Package B project.

Project Financial Status

Data Last Updated

November 23, 2021

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



Cash Flow

Collected	\$18,295,226
Expenses	\$15,634,289

Project Completion

Schedule	77%
Budget	67%

Contracts

Company	PO No.	Original	Change Orders	Total	Invoiced
Olsson	13497	\$ 17,325,000	\$ 1,212,518	\$ 18,537,518	\$ 12,176,939
Butier	13647	\$ 895,727	\$ 612,715	\$ 1,508,442	\$ 1,108,857
Carollo	13616	\$ 846,528	\$ 616,037	\$ 1,462,565	\$ 1,042,972
TetraTech	13605	\$ 94,000	\$ -	\$ 94,000	\$ 83,602
		\$ 19,161,255	\$ 2,441,270	\$ 21,602,525	\$14,412,371

Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3220-000	\$ 916,800	\$ 798,559	\$ 118,241	87.1%
Common	3231-000	\$ 96,800	\$ 83,680	\$ 13,120	86.4%
Solids	3287-000	\$ 1,657,400	\$ 1,589,030	\$ 68,370	95.9%
		\$ 2,671,000	\$ 2,471,270	\$ 199,730	92.5%

Summary of New Change Orders

Change Order No	CSJC	MNWD	SCWD	SMWD	\$ Amount
31	-\$4,893	-\$3,670	-\$4,587	-\$2,752	-\$15,903
32	\$1,887	\$1,415	\$1,769	\$1,061	\$6,132
33	\$5,444	\$3,923	\$3,629	\$5,150	\$18,146
34	\$3,715	\$2,678	\$2,477	\$3,514	\$12,384
Grand Total	\$6,153	\$4,346	\$3,288	\$6,973	\$20,759

Change Orders

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1	Olsson	3287-000	Addition of Loop Piping to the Existing Hot Water Lines Adjacent to Digester 3	Approved by Board of Directors	12/12/2019	0	\$4,725
2	Olsson	3287-000	Asbestos Gaskets in Boiler hazardous disposal	Approved by Board of Directors	6/4/2020	0	\$6,343
3	Olsson	3287-000	Add Analog Infrastructure and Cabling	Approved by Board of Directors	6/4/2020	11	\$37,970
4	Olsson	3287-000	Digester 4 Coating Additional Sealant	Approved by Board of Directors	6/4/2020	3	\$24,002
5	Olsson	3220-000	Valve Handwheel Ergonomic extension	Approved by Board of Directors	8/6/2020	28	\$16,370
6	Olsson	3287-000	Change to DeZurik Plug Valves to match existing	Approved by Board of Directors	8/6/2020	90	\$41,994

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
7	Olsson	3287-000	Digester 4 Additional Concrete Repair	Approved by Board of Directors	8/6/2020	3	\$7,413
8	Olsson	3287-000	Repair Existing Damaged Electrical Box	Approved by Board of Directors	8/6/2020	0	-\$1,829
9	Olsson	3220-000	Change the Telescoping Valve Boxes and Piping from Carbon Steel to Stainless Steel	Approved by Board of Directors	8/6/2020	0	\$18,678
10	Olsson	3287-000	Duct bank J Interferences	Approved by Board of Directors	12/17/2020	18	\$73,639
11	Olsson	3220-000	Blasting of Existing Influent Pipe Spools	Approved by Board of Directors	12/17/2020	5	\$20,869
12	Olsson	3220-000	Duct bank K Interferences	Approved by Board of Directors	12/17/2020	0	\$15,567
13	Olsson	3287-000	Digester 3/4 PLC Relocation	Approved by Board of Directors	12/17/2020	14	\$41,368
14	Olsson	3287-000	Digester 4 Additional Tank Repair	Approved by Board of Directors	12/17/2020	18	\$33,643
15	Olsson	3220-000	Duct bank O Interferences	Approved by Board of Directors	12/17/2020	0	\$1,687
16	Olsson	3287-000	Digester 3/4 Control Building Roof Replacement	Approved by Board of Directors	2/4/2021	0	\$42,780

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
17	Olsson	3287-000	MCC-D1 Modifications due to Change in Motor Size	Approved by Board of Directors	5/6/2021	0	\$34,392
18	Olsson	3287-000	Integrator Additional Site Visits	Approved by Board of Directors	5/6/2021	0	\$7,572
19	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	Approved by Board of Directors	6/3/2021	0	\$29,417
20	Olsson	3220-000	Overhead Walkway Removal at Plant 1 Secondary Basins 5 through 9	Approved by Board of Directors	6/3/2021	0	\$62,114
21	Olsson	3287-000	Cogeneration PLC Modifications and Integration	Approved by Board of Directors	6/3/2021	0	\$42,923
22	Olsson	3220-000	Plant 1 Secondary Basins UV Rated Wear Strips	Approved by Board of Directors	9/2/2021	0	\$28,965
23	Olsson	3287-000	MCC-F1 Design Change	Approved by Board of Directors	9/2/2021		\$481,290
24	Olsson	3287-000	DAF 2 Investigation Work and Inspection Blast	Approved by Board of Directors	10/7/2021		\$67,839

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
25	Olsson	3287-000	New Fiber Conduit in West Blower Building	Approved by Board of Directors	10/7/2021		\$4,958
26	Olsson	3220-000	Plant 1 Primary Basin Conduit Obstruction	Approved by Board of Directors	10/7/2021		\$8,444
27	Olsson	3220-000	Plant 1 Influent Channel Additional Coating between Primary Basins 5 and 6	Approved by Board of Directors	10/7/2021		\$15,470
28	Olsson	3287-000	MCC-F1 Lighting Changes	Approved by Board of Directors	10/7/2021		\$7,843
29	Olsson	3287-000	Digester 3 Ground Rod	Approved by Board of Directors	10/14/2021		\$7,269
30	Olsson	3220-000	New Fiber Conduits at East Electrical and Storm Water Buildings	Approved by Board of Directors	10/14/2021		\$8,045
31	Olsson	3220-000	Plant 2 Primary Influent Channel Repair Credit	Within Contingency, reviewed by Engineering Committee	11/18/2021		-\$15,903
32	Olsson	3220-000	Plant 1 and 2 Telescoping Valve Pipe Supports	Within Contingency, reviewed by Engineering Committee	11/18/2021		\$6,132

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
33	Olsson	3287-000	4" Gas Line Routing Modifications	Within Contingency, reviewed by Engineering Committee	11/18/2021		\$18,146
34	Olsson	3287-000	Gas Mixer Conduit Conflict	Within Contingency, reviewed by Engineering Committee	11/18/2021		\$12,384
1CM Common	Butier	3231-000	CM Change Order No. 1	Approved by Board of Directors	7/13/2021		\$48,995
1CM Liquids	Butier	3220-000	CM Change Order No. 1	Approved by Board of Directors	7/13/2021		\$294,125
1CM Solids	Butier	3287-000	CM Change Order No. 1	Approved by Board of Directors	7/13/2021		\$269,595
1ESDC Common	Carollo	3231-000	ESDC Change Order No. 1	Approved by Board of Directors	6/3/2021		\$18,210
1ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 1	Approved by Board of Directors	6/3/2021		\$109,256
1ESDC Solids	Carollo	3287-000	ESDC Change Order No. 1	Approved by Board of Directors	6/3/2021		\$100,151
1G Common	Ninyo & Moore	3231-000	Geotechnical Services Change Order No. 1	Within Contingency, to be reviewed by Engineering Committee	11/18/2021		\$5,400

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1G Liquids	Ninyo & Moore	3220-000	Geotechnical Services Change Order No. 1	Within Contingency, to be reviewed by Engineering Committee	11/18/2021		\$12,300
1G Solids	Ninyo & Moore	3287-000	Geotechnical Services Change Order No. 1	Within Contingency, to be reviewed by Engineering Committee	11/18/2021		\$12,300
2ESDC Common	Carollo	3231-000	ESDC Change Order No. 2	Within Contingency, to be reviewed by Engineering Committee	11/18/2021		\$11,075
2ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 2	Within Contingency, to be reviewed by Engineering Committee	11/18/2021		\$196,440
2ESDC Solids	Carollo	3287-000	ESDC Change Order No. 2	Within Contingency, to be reviewed by Engineering Committee	11/18/2021		\$180,905
PCO 002	Olsson	3287-000	Digester 4 Rail Coating. The coating is not needed and resulting in a credit but some rehabilitation work will be needed.	Potential Change	(blank)		-\$1,000

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
PCO 004	Olsson	3287-000	Digester 4 Control Narrative needed	Potential Change	(blank)		\$5,000
PCO 005	Olsson	3287-000	TWAS Slab Modifications	Potential Change	(blank)		\$50,000
PCO 009	Olsson	3287-000	PLC East Headworks Integration	Potential Change	(blank)		\$10,000
PCO 014	Olsson	3287-000	Digester 4 Compressor Supply Line	Potential Change	(blank)		\$18,146
PCO 018	Olsson	3287-000	Duct bank L Interferences	Potential Change	(blank)		\$10,000
PCO 026	Olsson	3287-000	Gas Hatch Lids Mating Connection	Potential Change	(blank)		\$7,771
PCO 037	Olsson	3231-000	Energy Building Monorail and Other Conflicts	Potential Change	12/10/2020		\$10,000
PCO 039	Olsson	3220-000	Diversion Structure Gate Actuator Power Feed Replacement	Potential Change	8/13/2020		\$5,000
PCO 050	Olsson	3220-000	Telescoping Valves Rework	Potential Change	12/23/2020		\$27,884
PCO 066	Olsson	3287-000	DAFT 1 and 2 Repairs	Potential Change	(blank)		\$232,161
PCO 083	Olsson	3220-000	Plant 1 Primary Basins Additional Repairs and Replacement	Potential Change	(blank)		\$126,000
PCO 088	Olsson	3220-000	Plant 1 Primary Existing Coating Removal	Potential Change	(blank)		\$36,000

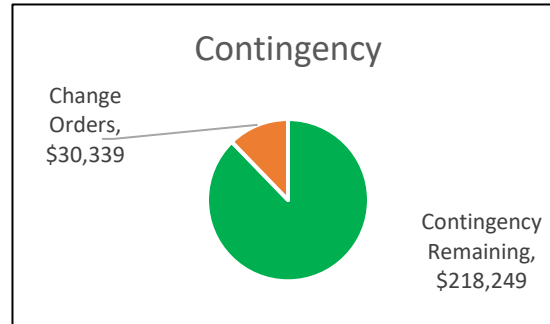
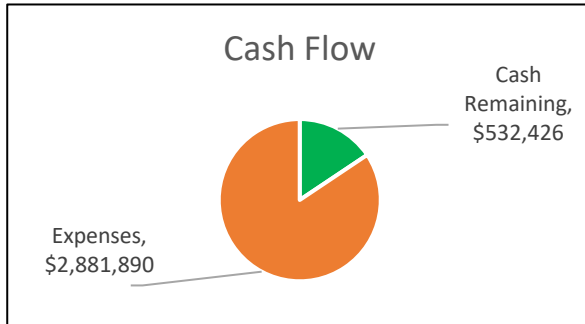
Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
PCO 092	Olsson	3287-000	Hot Water System Expansion Tank	Potential Change	8/31/2021		\$5,000
PCO 093	Olsson	3287-000	DAFT Light Change	Potential Change	8/31/2021		\$10,000
PCO 094	Olsson	3287-000	Additional Red Coloring Agent to Concrete	Potential Change	9/1/2021		\$5,000
PCO 095	Olsson	3287-000	Foul Air Rerouting at DAFT 2	Potential Change	9/2/2021		\$5,000
PCO 097	Olsson	3287-000	Digester Hot Water Temperature Gauge Setting	Potential Change	9/15/2021		\$5,000
PCO 998	Olsson	3220-000	Effluent Pump Station Descope (A1-A6)	Potential Change	(blank)		-\$800,000
PCO 999	Olsson	3223-000	Energy Building Modifications Descope (F1-F4, G1-G2, & H1-H2)	Potential Change	(blank)		-\$600,000
Grand Total						190	\$1,638,232

Project Financial Status

Data Last Updated

November 23, 2021

Project Committee	15
Project Name	Export Sludge Force Main Replacement
Project Description	New 6-inch HDPE force main replacing ageing 4-inch (x2) lines from the Coastal Treatment Plant to the Regional Treatment Plant through Aliso Canyon



Cash Flow

Collected	\$3,414,316
Expenses	\$2,881,890

Project Completion

Schedule	94%
Budget	67%

Contracts

Company	PO No.	Original	Change Orders	Total	Invoiced
Filanc	15949	\$ 3,107,346	\$ 30,339	\$ 3,137,685	\$ 2,102,260
Butier	16164	\$ 226,100	\$ -	\$ 226,100	\$ 183,458
PSOMAS	15961	\$ 277,368	\$ -	\$ 277,368	\$ 86,614
Dudek	15947	\$ 387,750	\$ -	\$ 387,750	\$ 279,543
Ninyo & Moore	16268	\$ 65,790	\$ 43,166	\$ 108,956	\$ 100,091
		\$ 4,064,354	\$ 73,505	\$ 4,137,859	\$2,751,965

Filanc Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3541-000	\$ 248,588	\$ 30,339	\$ 218,249	12.2%
		\$ 248,588	\$ 30,339	\$ 218,249	12.2%

Summary of New Change Orders

Change Order No	CLB	EBSD	MNWD	SCWD	Amount
Grand Total					

Change Orders

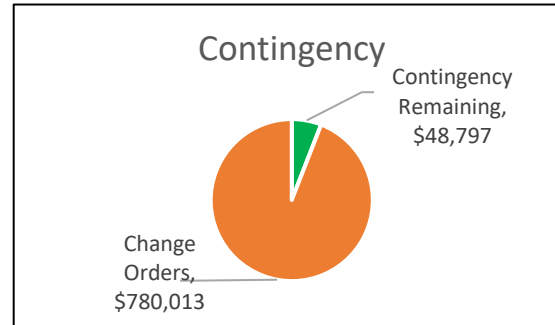
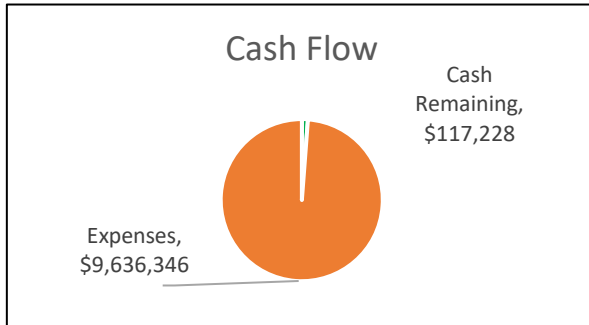
Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1	Filanc	3541-000	Alternative Fiber Optic Conduit Installation at Jack and Bore	Approved by Board of Directors	6/3/2021	0	\$ 5,690
2	Filanc	3541-000	HDPE Pipe Price Adjustment	Approved by Board of Directors	9/2/2021	0	\$ 15,615
3	Filanc	3541-000	Existing 6-Inch Sludge Line Fix for Pressure Test	Approved by Board of Directors	9/2/2021	0	\$ 6,666
4	Filanc	3541-000	18-Inch VCP Sewer Line Conflicts	Approved by Board of Directors	9/2/2021	0	\$ 2,368
PCO 007	Filanc	3541-000	Lost Production with Equipment Movement	Potential Change	(blank)		\$ 21,552
PCO 008	Filanc	3541-000	Abandoned 4" PVC Water Line Interference	Potential Change	(blank)		\$ -
PCO 009	Filanc	3541-000	Wider Trench in Low Cover	Potential Change	(blank)		\$ 36,000
PCO 012	Filanc	3541-000	Jack and Bore Conflict	Potential Change	(blank)		\$ 110,000
PCO 013	Filanc	3541-000	Nesting Bird Restrictions	Potential Change	(blank)		\$ -
PCO 014	Filanc	3541-000	Abandoned 12" PVC Interference	Potential Change	(blank)		\$ 5,462
PCO 015	Filanc	3541-000	18-Inch VCP Sewer Line Conflict at Sta. 96+55	Potential Change	(blank)		\$ 6,199

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
PCO 016	Filanc	3541-000	ACWHEP Unknown Buried Concrete	Potential Change	(blank)		\$ 30,000
PCO 017	Filanc	3541-000	Encasement at Sta. 88+90 to 89+90	Potential Change	(blank)		\$ 3,516
PCO 018	Filanc	3541-000	Test Pit for Jack and Bore	Potential Change	(blank)		\$ 9,639
PCO 019	Filanc	3541-000	CTP and RTP Connection Modifications	Potential Change	(blank)		\$ -
PCO 021	Filanc	3541-000	Turtle Protection	Potential Change	(blank)		\$ -
PCO 022	Filanc	3541-000	Concrete Demo and Potholing	Potential Change	(blank)		\$ 3,525
Grand Total						0	\$ 256,232

Project Financial Status

Data Last Updated
November 23, 2021

Project Committee	15
Project Name	Facility Improvements
Project Description	New ferric chloride system, new collection equipment in East Sedimentation basins, concrete repair, structural improvements, new switchgear and numerous electrical upgrades



Cash Flow

Collected	\$9,753,574
Expenses	\$9,636,346

Project Completion

Schedule	100%
Budget	92%

Contracts

Company	PO No.	Original	Change Orders	Total	Invoiced
PCL	13751	\$ 9,209,000	\$ (428,978)	\$ 8,780,022	\$ 8,217,673
Butier	13647	\$ 812,288	\$ -	\$ 812,288	\$ 812,228
Hazen & Sawyer	13648	\$ 490,484	\$ -	\$ 490,484	\$ 290,159
		\$ 10,511,772	\$ (428,978)	\$ 10,082,794	\$9,320,060

Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3539-000	\$ 828,810	\$ 780,013	\$ 48,797	94.1%
		\$ 828,810	\$ 780,013	\$ 48,797	94.1%

Summary of New Change Orders

Change Order No	CLB	EBSD	MNWD	SCWD	\$ Amount
Grand Total					

Change Orders

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1	PCL	3539-000	Additional Potholing	Approved by Board of Directors	8/6/2020	0	\$ 22,936
2	PCL	3539-000	Gas Line Replacement	Approved by Board of Directors	8/6/2020	0	\$ 41,006
3	PCL	3539-000	Main Switchgear Building Underground Conflicts	Approved by Board of Directors	8/6/2020	0	\$ 8,683
4	PCL	3539-000	Mud Valve Bolt Removal	Approved by Board of Directors	8/6/2020	0	\$ 6,577
5	PCL	3539-000	Additional Anchor Bolt Removal	Approved by Board of Directors	8/6/2020	0	\$ 15,271
6	PCL	3539-000	Slide Gate Concrete Repair	Approved by Board of Directors	8/6/2020	0	\$ 3,396
7	PCL	3539-000	Sludge Collector Wear Strips	Approved by Board of Directors	8/6/2020	0	\$ 5,304
8	PCL	3539-000	SCE Transformer Slab Box	Approved by Board of Directors	9/3/2020	0	\$ 4,378
9	PCL	3539-000	Duct Bank 5 Buried Utility Conflicts	Approved by Board of Directors	10/1/2020	0	\$ 32,224
10	PCL	3539-000	Telescoping Valve Modifications	Approved by Board of Directors	10/1/2020	0	\$ 36,067
11	PCL	3539-000	Secondary Effluent Channel Improvements	Approved by Board of Directors	12/17/2020	0	\$ 5,153

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
12	PCL	3539-000	Portable Generator Tap Enclosures in Buildings 2 & 15	Approved by Board of Directors	12/10/2020	0	\$ 18,356
13	PCL	3539-000	Conduit, wiring, and mounting of LL1 fixtures	Approved by Board of Directors	12/10/2020	0	\$ 5,001
14	PCL	3539-000	MCC Feeder Credit	Approved by Board of Directors	2/4/2021	0	\$ (8,803)
15	PCL	3539-000	Switchgear Building Concrete Repair	Approved by Board of Directors	3/11/2021	0	\$ 40,144
16	PCL	3539-000	Sludge Collector Mounting Plate Replacement	Approved by Board of Directors	3/11/2021	0	\$ 10,623
17	PCL	3539-000	Basin Leaking Crack Repair in East Secondaries	Approved by Board of Directors	3/11/2021	0	\$ 1,863
18	PCL	3539-000	Additional Spall Repair - Grit Channels	Approved by Board of Directors	3/11/2021	0	\$ 26,405
19	PCL	3539-000	Mixed Liquor Channel Remobilization	Approved by Board of Directors	3/11/2021	0	\$ 5,323
20	PCL	3539-000	Building 10 Roof Repairs	Approved by Board of Directors	3/11/2021	0	\$ 2,245
21	PCL	3539-000	Building 8 Gas Line Rerouting	Approved by Board of Directors	3/11/2021	0	\$ 717
22	PCL	3539-000	Additional Spall Repair - East Secondary Basins	Approved by Board of Directors	6/3/2021	0	\$ 9,722
23	PCL	3539-000	Grit Chamber Conflicts	Approved by Board of Directors	6/3/2021	0	\$ 3,888

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
24	PCL	3539-000	1/2" Ferric Line Conflicts	Approved by Board of Directors	6/3/2021	0	\$ 784
25	PCL	3539-000	Helical Skimmer Wiring	Approved by Board of Directors	8/5/2021	0	\$ 1,072
26	PCL	3539-000	MCC 15 Unmarked Wire Chasing	Approved by Board of Directors	8/5/2021	0	\$ 6,138
27	PCL	3539-000	Unilateral Descope of Drainage Pump Station, East Basin RAS Channel, and West Secondary Sludge Collection Equipment	Approved	6/11/2021	0	\$(1,200,188)
28	PCL	3539-000	Unilateral for 21 calendar days for weather and COVID-19 delays	Approved	6/16/2021	21	\$ -
29	PCL	3539-000	Building 10 Wall Repair	Approved by Board of Directors	10/14/2021	0	\$ 2,638
30	PCL	3539-000	West Telescoping Valve Improvements	Approved by Board of Directors	10/14/2021	0	\$ 12,168
31	PCL	3539-000	RAS Box Leaks	Approved by Board of Directors	10/14/2021	0	\$ 1,907
32	PCL	3539-000	West Grit Channel Unforeseen Conflicts	Approved by Board of Directors	10/14/2021	0	\$ 10,294

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
33	PCL	3539-000	Extra Work in Generator Building	Approved by Board of Directors	10/14/2021	0	\$ 3,714
34	PCL	3539-000	Power for Bldg 15 HVAC	Approved by Board of Directors	10/14/2021	0	\$ 2,301
35	PCL	3539-000	Additional Ferric Area Work	Approved by Board of Directors	10/14/2021	0	\$ 1,094
36	PCL	3539-000	Ferric Tank LIT	Approved by Board of Directors	10/14/2021	0	\$ 2,547
37	PCL	3539-000	PLC-TC1 Upgrades	Approved by Board of Directors	10/14/2021	0	\$ 9,699
38	PCL	3539-000	Aeration Channel Conflicts	Approved by Board of Directors	10/14/2021	0	\$ 10,314
39	PCL	3539-000	Telescoping Valve Stand Modifications	Approved by Board of Directors	11/15/2021	0	\$ 2,817
40	PCL	3539-000	Wiring for West Secondary Basins	Approved by Board of Directors	11/15/2021	0	\$ 2,962
41	PCL	3539-000	Ferric Containment Foundation	Approved by Board of Directors	11/15/2021	0	\$ 53,876
42	PCL	3539-000	West Secondary Effluent Channel Concrete Repair	Approved by Board of Directors	11/15/2021	0	\$ 26,000
43	PCL	3539-000	Headworks bypass	Approved by Board of Directors	11/15/2021	0	\$ 11,371
44	PCL	3539-000	SCE XFMR Slab Box	Approved by Board of Directors	11/15/2021	0	\$ 18,029

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
45	PCL	3539-000	Comprehensive Project Time Extension	Approved by Board of Directors	11/15/2021	77	\$ 100,000
46	PCL	3539-000	BEI Estimate addition to Unilateral CO #27	Approved by Board of Directors	11/15/2021	0	\$ 195,006
Grand Total						98	\$ (428,978)

Agenda Item

4.M.1.

Budgeted: N/A
Budget amount:
Line Item:
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Sean Peacher, Environmental Compliance Safety Manager

SUBJECT: MOU for Use of Countywide Mass Notification System

Summary

AlertOC is Orange County's regional public mass notification system designed to keep those who live or work in Orange County informed of important information during emergency events. AlertOC has been used since its inception in 2008 to contact hundreds of thousands of Orange County residents in times of emergency including missing children, tornado warnings, severe weather warnings, COVID-19, and many evacuations.

Discussion/Analysis

On July 22, 2008, the Board of Supervisors for Orange County extended use of the AlertOC system regionally by approving a Memorandum of Understanding (MOU) with Orange County municipalities and public universities, which are responsible for protecting a resident population and maintaining a dedicated public safety answering point. The MOUs allow these entities to use the County's Countywide Mass Notification System under terms and conditions of the County's Countywide Mass Notification System Operating Guidelines and vendor provider agreements.

Initially, AlertOC was only available to the County and the Cities within Orange County. WEROC on behalf of the water and wastewater special districts began working with the County to include the ability for water and wastewater agencies to have access and use the system.

On June 18, 2013, the Board of Supervisors for Orange County approved a MOU with Orange County incorporated cities, public universities and water/wastewater special districts allowing their use of the County's Countywide Mass Notification System under the terms and conditions of the County's Countywide Mass Notification System Operating Guidelines and vendor-provided agreements for the period of July 1, 2013 through June 30, 2016. On May 5, 2016, the Board of Supervisors for Orange County renewed the MOU with Orange County cities, universities and water/wastewater special districts for a five-year term from July 1, 2016, through June 30, 2021. On June 22, 2021, the Board of Supervisors for Orange County Board approved an updated version of the MOU with the Orange County cities, universities and water agencies for a 4-year term from July 1, 2021 through December 30, 2024.

Prior Related Project Committee or Board Action(s)

Attached is a copy of the MOU signed by SOCWA General Manager Tom Rosales dated June 7, 2013. On June 18, 2013, the Board of Supervisors for Orange County approved a MOU with Orange County incorporated cities, public universities and water/wastewater special districts (including SOCWA) allowing their use of the County's Countywide Mass Notification System.

Fiscal impact

There is no cost to become a member to the mutual aid agreement for WEROC members, as there is no cost to use the system at this time as the County is sponsoring this program. AlertOC is managed by the Orange County Sheriff's Department Emergency Management Division and is funded by the County's Chief Executive Office. Financial impact to the District will be for staff time for training and data management of the system.

To participate, a water/wastewater special district would need to sign a Memorandum of Understanding with the County and attend training on the use of the system. In partnership with the County of Orange, WEROC as the Operational Area Water and Wastewater Mutual Aid Coordinator will be the facilitator of the execution on this agreement with all water and wastewater special districts choosing to use the system. MWDOC Legal Counsel has reviewed the MOU and has no concerns with entering into the agreement.

This Agreement is a continuation of SOCWA's agreement with the county for continued participation in the AlertOC mass notification system. Due to the expiration of the current MOU the County of Orange requires all administrative users (Participants) of the AlertOC system to sign a new MOU with the County. The deadline for signed MOU's is December 22, 2021.

Recommended Action: Staff recommends that the Board of Directors authorize the General Manager to execute the MOU in order to allow SOCWA's continued use of Orange County's Countywide Mass Notification System under the terms and conditions of the County's Countywide Mass Notification System Operating Guidelines and vendor-provided agreements, commencing on July 1, 2021, through December 30, 2024.

Attachment(s):

Attachment A – 2021 AlertOC Memorandum of Understanding

Attachment B – 2013 AlertOC Memorandum of Understanding

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE COUNTY OF ORANGE
AND
PARTICIPANTS
FOR USE OF COUNTYWIDE MASS NOTIFICATION SYSTEM**

This Memorandum of Understanding, hereinafter referred to as “MOU,” dated June 30, 2021, which date is stated for purposes of reference only, is entered into by and between the County of Orange, a political subdivision of the State of California, hereinafter referred to as “COUNTY,” and the undersigned municipalities, public universities and water agencies responsible for protecting a resident population and maintaining a dedicated public safety answering point (PSAP) within the County of Orange, hereinafter referred to individually as “PARTICIPANT” or collectively as “PARTICIPANTS.”

This MOU is intended to establish governance and terms of use for a Countywide Public Mass Notification System.

RECITALS

WHEREAS, COUNTY is sponsoring a Countywide Public Mass Notification System (“System”) for the primary intent of providing timely communication to the public during times of emergency; and

WHEREAS, the County is making use of the System available to all cities and agencies within the County of Orange who have the responsibility for protecting a resident population and maintaining a dedicated public safety answering point (PSAP); and

WHEREAS, COUNTY entered into Orange County Agreement No. MA-060-20010263 (“Agreement”) with Everbridge, Inc., for the provision of Public Mass Notification System Services, on or about December 31, 2019 attached hereto as Exhibit A, to disseminate critical, time-sensitive emergency information to COUNTY’s citizens and businesses through phone and e-mail devices for emergency notification purposes; and

WHEREAS, COUNTY agrees to provide to PARTICIPANTS access to the services provided by Everbridge, Inc. as contained in the Agreement in exchange for abiding by the terms set forth in this MOU; and

WHEREAS, PARTICIPANTS agree to uphold the same terms and conditions of the Agreement, to use the System in compliance with all usage agreements, including but not limited to the End User License Agreement, identified and incorporated herein as Exhibit A (Orange County Agreement No. MA-060-20010263, Exhibit B (Countywide Public Mass Notification System Policy and Guideline), and Exhibit C (Nondisclosure Document), and the terms of this MOU to receive the benefits under the Agreement

NOW, THEREFORE, the parties agree as follows:

I. Definitions:

“Agreement” shall refer to Orange County Agreement No. MA-060-20010263 between COUNTY and Everbridge, Inc. .

“Countywide” shall mean all geographic locations in Orange County, California.

“Contact information” shall mean PARTICIPANT and public contact data stored in the System for the purpose of disseminating communication in accordance with this MOU and its Exhibits.

“Confidential Information” shall include but not be limited to personal identifying information about an individual such as address, phone number, Social Security number, or any other identifier protected from disclosure by law, and/or any other information otherwise protected from disclosure by law, for example, the identity of a victim of a sex crime or a juvenile.

“Emergency” shall include, but not be limited to, instances of fire, flood, storm, epidemic, riots, or disease that threaten the safety and welfare of the citizens and property located within the boundaries of the COUNTY and PARTICIPANTS’ respective jurisdictions.

“Emergency information” shall mean information relevant to the safety and welfare of recipients in the event of an Emergency. Such information shall include but not be limited to instructions and directions to alleviate or avoid the impact of an emergency.

“Emergency notification situation” shall mean instances when emergency information is to be distributed through the System.

“Individual User” shall mean an agent, officer, employee or representative of PARTICIPANT that has been granted access to the System as set forth in this MOU.

“Non-emergency information” shall refer to information that is not relevant to the safety and welfare of recipients, but has been deemed to be of significant importance to a PARTICIPANT’s jurisdiction to justify the use of the System to distribute such information.

“Non-emergency notification situation” shall mean instances when a PARTICIPANT deems non-emergency information to be of significance to a PARTICIPANT’S jurisdiction and the PARTICIPANT uses the System to distribute such information.

“System” shall mean the Public Mass Notification System as provided by Everbridge, Inc. to COUNTY under the Agreement. The System is designed to disseminate information by utilizing common communications, i.e. telephone and e-mail communications to citizens and businesses as permitted under the Agreement.

Hold Harmless: PARTICIPANT will defend, indemnify and save harmless COUNTY, its elected officials, officers, agents, employees, volunteers and those special districts and agencies which COUNTY's Board of Supervisors acts as the governing Board ("COUNTY INDEMNITEES") from and against any and all claims, demands, losses, damages, expenses or liabilities of any kind or nature which COUNTY, its officers, agents, employees or volunteers may sustain or incur or which may be imposed upon them for injury to or death of persons, or damages to property as a result of, or arising out of the acts, errors or omissions of PARTICIPANT, its officers, agents, employees, subtenants, invitees, licensees, or contracted vendors. COUNTY will defend, indemnify and save harmless PARTICIPANT, its officers, agents, employees and volunteers from and against any and all claims, demands, losses, damages, expenses or liabilities of any kind or nature which PARTICIPANT, its officers, agents, employees or volunteers may sustain or incur or which may be imposed upon them for injury to or death of persons, or damages to property as a result of, or arising out of the acts, errors or omissions of COUNTY, its officers, agents, employees, subtenants, invitees, licensees, or contracted vendors.

- III. Term:** This MOU shall be in effect from July 1, 2021 and shall expire on December 30, 2024 unless COUNTY funding of the System becomes unavailable at which time PARTICIPANTS will be given six-month advance notice per the termination terms found in Paragraph IX. Termination, below.
- IV. Scope of Services:** PARTICIPANTS shall receive from COUNTY access to the same services being provided by Everbridge, Inc. to the COUNTY under the Agreement. COUNTY's involvement in this MOU is limited only to extending the availability of the terms and conditions of the Agreement to the PARTICIPANTS.
- V. Use:** Use of the System and its data, including but not limited to contact information, is governed by the terms, conditions and restrictions set forth in the terms provided in Exhibit A, B, C, and D. All PARTICIPANTS agree to the terms and conditions contained in Exhibits A, B, C, and D. COUNTY retains the right to update Exhibits A, B, C, and D as needed, in whole or in part, during the life of this MOU. Any and all revised Exhibits will be distributed to PARTICIPANTS within five business days of the revision date and shall be incorporated into this MOU. Such modifications to the Exhibits shall not be deemed an amendment for the purposes of Paragraph X. Amendments, below.

PARTICIPANT, including each of its agents, officers, employees, and representatives who are given access to the System, agrees to abide by the individual terms of each agreement and the additional conditions incorporated herein. Breach of use may result in individual user or PARTICIPANT access account termination.

PARTICIPANT agrees to require each Individual User to execute an Individual User Agreement (Exhibit D) regarding their obligations to maintain the confidentiality of login and password information; ensure that they will use the System in accordance with all applicable laws and regulations, including those relating to use of personal information; that they may be responsible for any breach of the terms of the Agreement with

Everbridge and/or this MOU; and the confidentiality provisions of this MOU. PARTICIPANT further agrees to provide a copy of the signed Individual User Agreement to COUNTY and notify COUNTY, in writing, if an individual user withdraws their consent to the Individual User Agreement at anytime during the term of this MOU.

The scope of services under the Agreement is limited to using the System to distribute business communication to PARTICIPANT inter-departmental resources and/or emergency information to the public in emergency notification situations.

All PARTICIPANTS have read and accept the terms and conditions found in COUNTY's "Countywide Public Mass Notification System Policy and Guideline (June 30, 2008)", attached hereto as Exhibit B.

- VI. Notice:** Any notice or notices required or permitted to be given pursuant to this MOU shall be submitted in writing and delivered in person, via electronic mail or via United States mail as follows:

COUNTY:

County of Orange – Sheriff-Coroner Department
Emergency Management Division
Attn: Director of Emergency Management
2644 Santiago Canyon Road
Silverado, CA 92676

PARTICIPANTS: Each PARTICIPANT shall provide to COUNTY a contact person and notice information upon entering into this MOU. Each PARTICIPANT shall notify COUNTY if there is an updated contact person.

Notice shall be considered tendered at the time it is received by the intended recipient.

- VII. Confidentiality:** Each party agrees to maintain the confidentiality of confidential records and information to which they have access a result of their use of the System and pursuant to all statutory laws relating to privacy and confidentiality that currently exist or exist at any time during the term of this MOU. All information and use of the System shall be in compliance with California Public Utilities Code section 2872. No party shall post confidential information as part of a mass notification unless the law allows such information to be released.

- VIII. Termination:** The COUNTY or any PARTICIPANT may terminate its participation in this MOU at any time for any reason whatsoever. If any PARTICIPANT chooses to terminate its participation in this MOU, the terminating PARTICIPANT shall provide written notification in accordance with Paragraph VII. Notice, above. Such notice shall be delivered to the COUNTY 30 days prior to the determined termination date. A terminating PARTICIPANT shall uphold the obligations contained in Paragraph II. Hold Harmless, in its entirety and Paragraph VIII. Confidentiality, above. Upon termination, PARTICIPANT agrees to inform each PARTICIPANT user to stop using the System and

to relinquish all System access, user accounts, passwords and non-PARTICIPANT data to COUNTY immediately. PARTICIPANT may choose to delete and/or export non-public PARTICIPANT (aka inter-departmental) owned contact information, as well as, export resident provided contact information prior to termination. Resident provided contact information acquired through PARTICIPANT sources shall remain in the System and available to the County for regional or multi-jurisdictional notification use as needed.

Should COUNTY discontinue its funding for the System, which shall be grounds for COUNTY's termination of its participation, COUNTY shall give PARTICIPANTS one month advance courtesy notice prior to terminating the Agreement. All other reasons for terminating by COUNTY shall be valid upon providing notice to the PARTICIPANTS. Upon termination by COUNTY, this MOU shall no longer be in effect.

Termination by a PARTICIPANT shall not be deemed an amendment to this MOU as defined in Paragraph X. Amendments, below.

IX. Amendments: This MOU may be amended only by mutual written consent of the parties involved unless otherwise provided for in this MOU. The modifications shall have no force and effect unless such modifications are in writing and signed by an authorized representative of each party. Termination by a PARTICIPANT or adding a new PARTICIPANT to this MOU shall not be deemed an amendment.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed by their duly authorized representatives as of the dates opposite the signatures.

COUNTY OF ORANGE

By: _____ Date: _____
Don Barnes, Sheriff-Coroner
County of Orange

By: Wendy Phillips Date: May 21, 2021
Wendy Phillips (May 21, 2021 08:43 PDT)
Wendy Phillips, County Council
County of Orange

PARTICIPANT: _____

By: _____ Date: _____
Authorized Signature

Print Name and Title

1_MOU Alert OC Mass Notification Final Draft (Reviewed by COCO)

Final Audit Report

2021-05-21

Created:	2021-05-21
By:	Janell Harriman (jharriman@ocsd.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAIV5WZcUzTZoGZeugwnr97kt_1qN8JVox

"1_MOU Alert OC Mass Notification Final Draft (Reviewed by COCO)" History

-  Document created by Janell Harriman (jharriman@ocsd.org)
2021-05-21 - 3:29:12 PM GMT- IP address: 12.24.53.132
-  Document emailed to Wendy Phillips (wendy.phillips@coco.ocgov.com) for signature
2021-05-21 - 3:30:32 PM GMT
-  Email viewed by Wendy Phillips (wendy.phillips@coco.ocgov.com)
2021-05-21 - 3:31:18 PM GMT- IP address: 206.194.127.242
-  Document e-signed by Wendy Phillips (wendy.phillips@coco.ocgov.com)
Signature Date: 2021-05-21 - 3:43:11 PM GMT - Time Source: server- IP address: 206.194.127.242
-  Agreement completed.
2021-05-21 - 3:43:11 PM GMT



Certification of Agreements

To: Clerk of the Board of Supervisors

From: Sheriff Sandra Hutchens

Date: February 20, 2014

Re: ASR Control #13-000722

Board Meeting Date June 18, 2013

Submitting Dept. Sheriff-Coroner

I certify that the attached fully executed

Agreement

Agreement(s) listed on Exhibit A and attached to this certification

are an **exact** iteration of the agreement(s) presented to and approved by the Board of Supervisors on the above listed meeting date.

I further certify that I have been authorized to execute said agreement(s) and have personally executed same.

Sandra Hutchens

Sheriff-Coroner

Name

Title

Signature

Date

Exhibit A

2013 AlertOC Memorandum of Understanding

- Aliso Viejo
- Anaheim
- Brea
- Buena Park
- Costa Mesa
- Cypress
- Dana Point
- Fountain Valley
- Fullerton
- Garden Grove
- Huntington Beach
- Laguna Beach
- Laguna Niguel
- Laguna Hills
- Laguna Woods
- Lake Forest
- La Habra
- La Palma
- Los Alamitos
- Mission Viejo
- Newport Beach
- Orange
- Placentia
- Rancho Santa Margarita
- Santa Ana
- San Clemente
- Seal Beach
- San Juan Capistrano
- Stanton
- Tustin
- Villa Park
- Yorba Linda
- Costa Mesa Sanitary District
- East Orange County Water District
- El Toro Water District
- Mesa Water District
- Midway City Sanitary District
- Moulton Niguel Water District
- Municipal Water District of Orange County
- Orange County Sanitation District
- Santa Margarita Water District
- Serrano Water District
- South Coast Water District
- South Orange County Wastewater Authority
- Trabuco Canyon Water District
- Yorba Linda Water District
- University of California Irvine

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE COUNTY OF ORANGE
AND
PARTICIPANTS
FOR USE OF COUNTYWIDE MASS NOTIFICATION SYSTEM**

This Memorandum of Understanding, hereinafter referred to as “MOU,” dated _____, which date is stated for purposes of reference only, is entered into by and between the County of Orange, a political subdivision of the State of California, hereinafter referred to as “COUNTY,” and the undersigned municipalities, public universities and water agencies responsible for protecting a resident population and maintaining a dedicated public safety answering point (PSAP) within the County of Orange, hereinafter referred to individually as “PARTICIPANT” or collectively as “PARTICIPANTS.”

This MOU is intended to establish governance and terms of use for a Countywide Public Mass Notification System.

RECITALS

WHEREAS, COUNTY is sponsoring a Countywide Public Mass Notification System (“System”) for the primary intent of providing timely communication to the public during times of emergency; and

WHEREAS, the County is making use of the System available to all cities and agencies within the County of Orange who have the responsibility for protecting a resident population and maintaining a dedicated public safety answering point (PSAP); and

WHEREAS, COUNTY entered into Orange County Agreement No. MA-060-13011688 (“Agreement”) with Blackboard Connect, Inc., for the provision of Public Mass Notification System Services, on or about May 21, 2013, attached hereto as Exhibit A, to disseminate critical, time-sensitive emergency information to COUNTY’s citizens and businesses through phone and e-mail devices for emergency notification purposes; and

WHEREAS, Blackboard Connect, Inc. agrees to provide to PARTICIPANTS the services agreed to by Blackboard Connect, Inc. and COUNTY as contained under the Agreement in exchange for abiding by the terms set forth in this MOU; and

WHEREAS, PARTICIPANTS agree to uphold the same terms and conditions of the Agreement, to use the System in compliance with all usage agreements identified and incorporated herein as Exhibit A (Orange County Agreement No. MA-060-13011688), Exhibit B (Countywide Public Mass Notification System Policy and Guideline) and Exhibit C (Nondisclosure Document), and the terms of this MOU to receive the benefits under the Agreement.

NOW, THEREFORE, the parties agree as follows:

I. Definitions:

“Agreement” shall refer to Orange County Agreement No. MA-060-13011688 between COUNTY and Blackboard Connect, Inc. The Agreement is attached to this MOU as Exhibit A.

“Countywide” shall mean all geographic locations in Orange County, California.

“Contact information” shall mean PARTICIPANT and public contact data stored in the System for the purpose of disseminating communication in accordance with this MOU and its Exhibits.

“Emergency” shall include, but not be limited to, instances of fire, flood, storm, epidemic, riots, or disease that threaten the safety and welfare of the citizens and property located within the boundaries of the COUNTY and PARTICIPANTS’ respective jurisdictions.

“Emergency information” shall mean information relevant to the safety and welfare of recipients in the event of an Emergency. Such information shall include but not be limited to instructions and directions to alleviate or avoid the impact of an emergency.

“Emergency notification situation” shall mean instances when emergency information is to be distributed through the System.

“Non-emergency information” shall refer to information that is not relevant to the safety and welfare of recipients, but has been deemed to be of significant importance to a PARTICIPANT’s jurisdiction to justify the use of the System to distribute such information.

“Non-emergency notification situation” shall mean instances when a PARTICIPANT deems non-emergency information to be of significance to a PARTICIPANT’S jurisdiction and the PARTICIPANT uses the System to distribute such information.

“System” shall mean the Public Mass Notification System as provided by Blackboard Connect, Inc. to COUNTY under the Agreement. The System is designed to disseminate information by utilizing common communications, i.e. telephone and e-mail communications to citizens and businesses as permitted under the Agreement.

II. Hold Harmless: PARTICIPANT will defend, indemnify and save harmless COUNTY, its elected officials, officers, agents, employees, volunteers and those special districts and agencies which COUNTY’s Board of Supervisors acts as the governing Board (“COUNTY INDEMNITIES”) from and against any and all claims, demands, losses, damages, expenses or liabilities of any kind or nature which COUNTY, its officers, agents, employees or volunteers may sustain or incur or which may be imposed upon

them for injury to or death of persons, or damages to property as a result of, or arising out of the acts, errors or omissions of PARTICIPANT, its officers, agents, employees, subtenants, invitees, or licensees. COUNTY will defend, indemnify and save harmless PARTICIPANT, its officers, agents, employees and volunteers from and against any and all claims, demands, losses, damages, expenses or liabilities of any kind or nature which PARTICIPANT, its officers, agents, employees or volunteers may sustain or incur or which may be imposed upon them for injury to or death of persons, or damages to property as a result of, or arising out of the acts, errors or omissions of COUNTY, its officers, agents, employees, subtenants, invitees, or licensees.

- III. Term:** This MOU shall be in effect from July 1, 2013 and shall expire on June 30, 2017, unless COUNTY funding of the System becomes unavailable at which time PARTICIPANTS will be given six-month advance notice per the termination terms found in Paragraph IX. Termination, below.
- IV. Scope of Services:** PARTICIPANTS shall receive from Blackboard Connect, Inc. the same services provided by Blackboard Connect, Inc. to the COUNTY under the Agreement. COUNTY's involvement in this MOU is limited only to extending the availability of the terms and conditions of the Agreement to the PARTICIPANTS. PARTICIPANTS and Blackboard Connect, Inc. acknowledge and agree that any actions taken by Blackboard Connect, Inc. or any PARTICIPANT under the scope of the Agreement and this MOU are the responsibility of Blackboard Connect, Inc. and the respective PARTICIPANT.
- V. Use:** Use of the System and its data, including but not limited to contact information, is governed by the terms, conditions and restrictions set forth in the terms provided in Exhibit A, B and C. All PARTICIPANTS agree to the terms and conditions contained in Exhibits A, B, and C. COUNTY retains the right to update Exhibits A, B, and C as needed, in whole or in part, during the life of this MOU. Any and all revised Exhibits will be distributed to PARTICIPANTS within five business days of the revision date and shall be incorporated into this MOU. Such modifications to the Exhibits shall not be deemed an amendment for the purposes of Paragraph X. Amendments, below.

PARTICIPANT, including each of its agents, officers, employees, and representatives who are given access to the System, agrees to abide by the individual terms of each agreement and the additional conditions incorporated herein. Breach of use may result in individual user or PARTICIPANT access account termination.

The scope of services under the Agreement is limited to using the System to distribute business communication to PARTICIPANT inter-departmental resources and/or emergency information to the public in emergency notification situations.

PARTICIPANTS may arrange for the use of the System with Blackboard Connect, Inc. to distribute non-emergency information. However, any agreement reached between Blackboard Connect, Inc. and any PARTICIPANT for the use of the System for non-emergency notification situations shall exist only between Blackboard Connect, Inc. and

the PARTICIPANT. In accordance with Paragraph II. Hold Harmless, above, COUNTY shall be held harmless and indemnified by the PARTICIPANTS and Blackboard Connect, Inc. from any actions whatsoever arising from any PARTICIPANT's use of the System for non-emergency services.

All PARTICIPANTS have read and accept the terms and conditions found in COUNTY's "Countywide Public Mass Notification System Policy and Guideline (June 30, 2008)", attached hereto as Exhibit B.

- VI. Compensation:** All compensation owed by PARTICIPANTS to Blackboard Connect, Inc. shall be made between PARTICIPANTS and Blackboard Connect, Inc.
- VII. Notice:** Any notice or notices required or permitted to be given pursuant to this MOU shall be submitted in writing and delivered in person, via electronic mail or via United States mail as follows:

COUNTY:

County of Orange – Sheriff-Coroner Department
Emergency Management Bureau
Attn: Donna Boston / Emergency Management
2644 Santiago Canyon Road
Silverado, CA 92676

PARTICIPANTS: Each PARTICIPANT shall provide to COUNTY a contact person and notice information upon entering into this MOU.

Notice shall be considered tendered at the time it is received by the intended recipient.

- VIII. Confidentiality:** Each party agrees to maintain the confidentiality of all related records and information of the other party pursuant to all statutory laws relating to privacy and confidentiality that currently exist or exist at any time during the term of this MOU. All information and use of the System shall be in compliance with California Public Utilities Code section 2872.
- IX. Termination:** The COUNTY or any PARTICIPANT may terminate its participation in this MOU at any time for any reason whatsoever. If any PARTICIPANT chooses to terminate its participation in this MOU, the terminating PARTICIPANT shall provide written notification in accordance with Paragraph VII. Notice, above. Such notice shall be delivered to the COUNTY 30 days prior to the determined termination date. A terminating PARTICIPANT shall uphold the obligations contained in Paragraph II. Hold Harmless in its entirety and Paragraph VIII. Confidentiality, above. Upon termination, PARTICIPANT agrees to inform each PARTICIPANT user to stop using the System and to relinquish all System access, user accounts, passwords and non-PARTICIPANT data to COUNTY immediately. PARTICIPANT may choose to delete and/or export non-public PARTICIPANT (aka inter-departmental) owned contact information, as well as, export resident provided contact information prior to termination. Resident provided

contact information acquired through PARTICIPANT sources shall remain in the System and available to the County for regional or multi-jurisdictional notification use as needed.

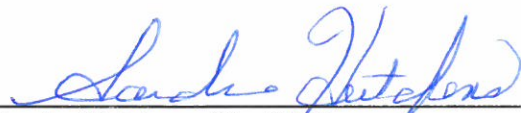
Should COUNTY discontinue its funding for the System, which shall be grounds for COUNTY's termination of its participation, COUNTY shall give PARTICIPANTS six-month advance courtesy notice prior to terminating the Agreement. All other reasons for terminating by COUNTY shall be valid upon providing notice to the PARTICIPANTS. Upon termination by COUNTY, this MOU shall no longer be in effect.

Termination by a PARTICIPANT shall not be deemed an amendment to this MOU as defined in Paragraph X. Amendments, below.

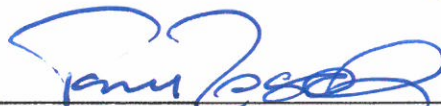
- X. **Amendments:** This MOU may be amended only by mutual written consent of the parties involved unless otherwise provided for in this MOU. The modifications shall have no force and effect unless such modifications are in writing and signed by an authorized representative of each party. Termination by a PARTICIPANT or adding a new PARTICIPANT to this MOU shall not be deemed an amendment.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed by their duly authorized representatives as of the dates opposite the signatures.


COUNTY OF ORANGE

By:  Date: 1/28/2014
Sandra Hutchens, Sheriff-Coroner
County of Orange

PARTICIPANT: South Orange County Wastewater Authority

By:  Date: 6/7/13
Authorized Signature
Tom Rosales, General Manager
Print Name and Title

APPROVED AS TO FORM
OFFICE OF THE COUNTY COUNSEL
ORANGE COUNTY, CALIFORNIA

By: 
Deputy
Date: 5/17/13

Agenda Item

4.M.2.

Budgeted: Yes
Budget amount:
Line Item:
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Sean Peacher, Environmental Compliance Safety Manager

SUBJECT: 800 MHz Radios Joint Agreement

Summary

On August 13, 2021, SOCWA's Environmental Compliance Safety Risk Manager received an e-mail from the Orange County Sheriff's Technology Department notifying Users of the 800 MHz Radios that the Orange County Board of Supervisors had approved the newly written joint agreement on June 22, 2021. Approval of the re-written Joint Agreement for the Operation, Maintenance and Financial Management of the Orange County 800 MHz Countywide Coordinated Communications System (CCCS) will allow the County to ensure that all Orange County cities share in the cost and have access to CCCs, which serves as the County's public safety radio system. The next step required for the partner agencies is to request approval and adoption of the 800 MHz Joint Agreement by the Partner Agency Governing Authorities. Once all Partner Agencies signed off and returned their documents to Orange County Sheriff's Technology Department, the new Joint Agreement will be put into effect.

On August 19, 2021, SOCWA's Environmental Compliance Safety Risk Manager provided the e-mail detailing the newly written joint agreement along with details provided by WEROC, including that an authorized individual at SOCWA will need to execute the agreement in order for each agency to continue utilizing the 800 MHz Radio System.

Discussion/Analysis

On February 6, 1996, the Board of Supervisors for Orange County approved the original Joint Agreement for the Implementation and Operation of the OC 800 MHz Countywide Coordinated Communications System (CCCS). The 800 MHz CCCS is funded by the CCCS partnership in accordance with the financial requirements outlined in the Agreement. The original agreement addressed city and County partnership responsibilities and financial obligations for implementation of the 800 MHz CCCS in Orange County. It was executed by the then 31 cities and the OCFA. The agreement was amended by the Board of Supervisors for Orange County on June 24, 2003, to include the capital improvement cost-sharing agreement negotiated by the County with the 34 cities and OCFA and replaced the original Joint Agreement.

The old VHF WEROC Radio System struggled with clarity of communications for years. In 2017, the MWDOC Board approved moving forward the WEROC radio system to transition to the Countywide system. WEROC staff explored multiple solutions and proposed the best radio replacement solution for WEROC, including, holding discussions with WEROC funding agencies and the MWDOC member agencies. After much discussion with the County and MWDOC member agencies, WEROC staff recommended that WEROC join the Orange County 800 MHz Countywide Coordinated Communications System (800 MHz CCCS) as a participating agency. In order to do so, WEROC submitted a formal request for permission from the OC 800Mhz CCCS Governance Committee to join and was approved on April 13, 2017.

In addition to some Public Works agencies, all law enforcement, fire protection, marine safety, and hospitals operate on the 800 MHz CCCS, as well as OCTA and several colleges and schools. By entering this agreement, SOCWA has benefited by joining a system that provides countywide portable in-building, highly-reliable radio communications with multiple levels of redundancy in case of major catastrophic events.

The 800 MHz radios were initially purchased by WEROC (total cost was estimated at approximately \$250,000 for all radios to be purchased for WEROC member agencies). One radio was issued to each WEROC member agency (including SOCWA) to replace the previous radios utilized. The radio belongs to each member agency therefore, the member agency is responsible for maintaining their own system and is financially responsible for associated annual fees that are charged by the County.

The agreement requires each agency to pay an Annual Access Rate Fee (estimated at \$250 originally) and a Flat Annual Maintenance Fee (estimated at \$132 originally). Additionally, each agency is responsible for the future cost of parts and/or repairs not be included in annual maintenance. The change streamlined the process and allow the Sheriff's Department and member agencies to work directly on future maintenance and billing cycles. In order to accomplish this, each agency was required to sign a Participating Agency Joint Agreement with the Sheriff's Division of Communications. This is a standard agreement from the County that is signed by all 800 MHz participating agencies. The agreement cannot be modified individually and must be signed as presented.

This 800 MHz system is used for WEROC to communicate with WEROC Member Agencies during times of emergencies when communications systems are not functioning. This 800 MHz system is used to communicate with the OA EOC at times of emergencies when regular communications are not functional. WEROC Member Agencies have the authority to use 800 MHz radios for day to day operations using their agency's designated communication channels.

WEROC notified their member agencies in the WEROC Radio System Standard Operating Procedures (SOPs) dated September 2018, that every WEROC agency should have at least one 800 MHz Radio with the WEROC channel. WEROC encouraged agencies to have multiple radios at multiple locations in the event that one site becomes compromised. In February 2019, SOCWA purchased additional 800 MHz radios to improve SOCWA Emergency Response operations.

Prior Related Project Committee or Board Action(s)

Monthly radio tests and discussions at quarterly meetings indicated that the previous WEROC radio system had become inoperable and unreliable for emergency operations and was due for replacement. SOCWA's Environmental Compliance Safety Risk Manager prepared the

requested SOCWA Board Item to inform SOCWA Management in 2017 that, as a member of WEROC, SOCWA would need to execute a contract to join the existing Orange County Sheriff's Division of Communications.

On July 6, 2017 the SOCWA Board approved the Agenda item for the use of the 800 MHz Radios including approval of: New Participating Agency Rider; Amendment to Joint Agreement O&M and Financial Management; and Joint Agreement for the Operation, Maintenance, and Financial Management of the Orange County 800 MHz System (Attachment A). The signed SOCWA agreement pages were provided to WEROC and OC Sheriff's Technology Department

The 800 MHz Governance Committee (Governance Committee) oversees the operation of the CCCS. The re-write of the Joint Agreement establishes the technical, operational, and financial requirements for all agencies participating in the CCCS. This includes establishing financial parameters for the year to year cost and for the costs of necessary system upgrades in the future. This also includes establishing Bylaws for the Governance Committee.

An updated Agreement for the utilization of the 800 MHz radio system operated by the OC Sheriff was provided to SOCWA on August 13, 2021 and executed by the SOCWA General Manager on August 24, 2021. The re-written Agreement will replace and supersede previous versions, including all amendments. Once approved by the Board, the re-written Agreement will then be forwarded to all Partner Agencies' Governing Authorities approval and adoption. The re-written agreement encompasses all the amendments incorporated over the course of the past 20+ years and outlines the cost sharing practice continues in order to ensure the backbone systems and functionality of the 800 MHz Radios remains in place for SOCWA Emergency Operations.

Fiscal impact

Same as was with the previous agreement, the annual cost share for each participating agency is based on the number of radios that each participating agency owns. SOCWA's allocation percentage of the entire annual backbone sharing cost is 0.03%. Annual cost to SOCWA for the maintenance operations of the four radios in operation for FY 21/22 is estimated at \$1,202.00 annually. This is an anticipated cost decrease for SOCWA of \$64.00 from FY 20/21. The actual amount paid by SOCWA for use of the 800 MHz radios in FY20/21 was \$1,265.00.

Recommended Action: Staff recommends that the Board of Directors ratify the General Manager approval and authorize the adoption of the 800 MHz Joint Agreement by the Partner Agency Governing Authorities in order for SOCWA to continue utilizing the 800 MHz Radio System.

Attachment(s):

Attachment A - 2017 SOCWA Board of Directors Meeting Minutes

Attachment B - 2017 800 MHz Executed Signature Pages

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

Board of Directors

July 6, 2017

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors was held on Thursday, July 6, 2017 at 8:30 a.m. at the 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 Water District	Director
SCOTT GOLDMAN, El Toro Water District	Director
RAY MILLER, City of San Juan Capistrano	Director
JOONE LOPEZ, Moulton Niguel Water District	Director
DOUG REINHART, Irvine Ranch Water District	Director
TONI ISEMAN, City of Laguna Beach	Vice Chairman
DAN FERONS, Santa Margarita Water District	Chairman
ANDY BRUNHART, South Coast Water District	Director
STEPHAN DOPUDJA, Trabuco Canyon Water District	Director
DAVE REBENS DORF, City of San Clemente	Director

Staff present:

BETTY BURNETT	General Manager/Secretary
PAT GIANNONE	Bowie, Arneson, Wiles & Giannone
Brad Neufeld	Varner & Brandt [arrival 10:30 a.m.]
BRIAN PECK	Director of Engineering
AMBER BAYLOR	Director of Environmental Compliance
MARY CAREY	Finance Controller [exit 9:35 a.m.]
KEVIN ZABAT	Sr. Accountant [exit 9:35 a.m.]
DINA ASH	Human Resource Administrator
JEANETTE CONTINOLA	Procurement and Contracts Administrator

Also present:

DONALD FROELICH	Moulton Niguel Water District
DENNIS ERDMAN	South Coast Water District
FRED ADJARDIAN	El Toro Water District
STU LUCE	Public Citizen
RICHARD GARDNER	Public Citizen

Chairman Ferons called the meeting to order at 8:30 a.m. and welcomed everyone present. Director Goldman led the Pledge of Allegiance to the Flag of the United States of America.

Oral Comments

Chairman Ferons asked if members of the public desired to address the Board, or desired to reserve addressing the Board during the meeting regarding any item on the Agenda. No public comments were received.

Director Lopez noted for the record on page 16 of the Budget there was a definition that redefines Operations & Maintenance and stated that it was not appropriate to define that in the budget when we as a Board did not discuss and decide on how to define Operations & Maintenance.

ACTION TAKEN

No action taken.

Financial Matters – May 2017

4.A. Monthly Financial Report

ACTION TAKEN

Motion was made by Director Brunhart and seconded by Director Goldman to ratify disbursements and to receive and file subject reports.

Motion carried:	Aye 10; Nay 0; Abstain 0; Absent 0
	Director Dunbar Aye
	Director Goldman Aye
	Director Miller Aye
	Director Lopez Aye
	Director Reinhart Aye
	Vice Chairman Iseman Aye
	Chairman Ferons Aye
	Director Brunhart Aye
	Director Dopudja Aye
	Director Rebensdorf Aye

4.B. Finance Controller to Review PC15/PCA AWT to discuss expenditure trending over budget. Finance Controller to discuss close of fiscal year expenditures trends for other year-end expenses.

ACTION TAKEN

Discussion only, no action taken.

(Items taken out of order to agenda due to closed session)

7. SOCWA Bylaws – Board Chair Proposes Discussion of Executive Committee Participation for FY2017-18

ACTION TAKEN

Motion was made by Director Lopez and seconded by Goldman to table this item for one year to provide time for thought, discussion and analysis.

Motion failed:	Aye 2; Nay 8; Abstain 0; Absent 0
	Director Dunbar Nay
	Director Goldman Aye
	Director Miller Nay
	Director Lopez Aye
	Director Reinhart Nay

Vice Chairman Iseman	Nay
Chairman Ferons	Nay
Director Brunhart	Nay
Director Dopudja	Nay
Director Rebensdorf	Nay

Chairman Ferons reported the current Executive Committee Bylaws stand as submitted and there was no direction to staff.

8. O.C. 800 Megahertz Communication System – Joint Agreement for the Operation, Maintenance & Financial Management of the System

ACTION TAKEN

Motion was made by Director Brunhart and seconded by Director Goldman to approve contracts as submitted at a maintenance fee at \$382 per year as follows; 1) New Participating Agency Rider, 2) Amendment to Joint Agreement O&M and Financial Management, 3) Joint Agreement for the Operation, Maintenance and Financial Management of Orange County 800 Megahertz System.

Motion carried:	Aye 10; Nay 0; Abstain 0; Absent 0
Director Dunbar	Aye
Director Goldman	Aye
Director Miller	Aye
Director Lopez	Aye
Director Reinhart	Aye
Vice Chairman Iseman	Aye
Chairman Ferons	Aye
Director Brunhart	Aye
Director Dopudja	Aye
Director Cameron	Aye

The Chairman adjourned the Board of Directors Meeting for a five (5) minute recess at 9:30 a.m.

The Board meeting reconvened and went into Closed Session at 9:35 a.m.

Closed Session

9.A. Conference with SOCWA Labor negotiator – Closed Session

In preparation for 2017 Employee Manual renew, a Closed Session will be conducted in accordance with Government Code Section 54957.6.

Conference with SOCWA Negotiator – Betty Burnett, General Manager
Employee Organization – SOCWA Employee Association

(Due to typographical error, there was not a posted item 9.B.)

9.C. Closed Session will be conducted for the following matter:

Existing Litigation per paragraph (1) of subdivision (d) of Government Code Section 54956.9, *Case of SOCWA, et al. v. Moulton Niguel Water District Case Number 30-2017-00923143-CU-BC-CJC.*

The Board meeting reconvened at 9:55 a.m.

Report Out of Closed Session

There was no reportable action out of Closed Session.

(Following the closed session the Board returned to the Open Session Agenda)

5. Resolution No. 2017-05 – Approving the Employee Manual for All SOCWA Employees

ACTION TAKEN

Motion was made by Director Brunhart and seconded by Director Dunbar to approve Resolution No. 2017-05, a Resolution of the Board of the South Orange County Wastewater Authority approving the *Employee Manual* for all SOCWA Employees with the additional changes under Section IV A.1. "...Job Classification (Exhibit) attached and Classification (Exhibit B)." And additional changes under Section IV.C "7/01/18 – March CPI-U for Los Angeles, Riverside and Orange Counties; 7/01/19 – March CPI-U for Los Angeles, Riverside and Orange Counties".

Motion carried:	Aye 10; Nay 0; Abstain 0; Absent 0
	Director Dunbar Aye
	Director Goldman Aye
	Director Miller Aye
	Director Lopez Aye
	Director Reinhart Aye
	Vice Chairman Iseman Aye
	Chairman Ferons Aye
	Director Brunhart Aye
	Director Dopudja Aye
	Director Cameron Aye

6. Update on State Joint Legislative Audit Committee Action to Commence Audit of SOCWA Subject to State Auditor Review of Potential that Audit Could Have an Impact on Existing Litigation

Ms. Giannone noted for the record that the condition of the approval of the State Audit of SOCWA was the condition on the State Auditor through their Chief Counsel to determine that there would not be an impact or interference with the pending litigation on SOCWA for Project Committee No. 15 vs. Moulton Niquel Water District. That is a condition on the Audit that has to be cleared up before the Audit can proceed or be delayed or be reduced in scope. If SOCWA wanted to have a closed session that is the narrow direction that would allow discussion about a particular issue. An open discussion ensued.

Ms. Giannone provided clarification to the Board reporting that legal counsel does not believe it can be determined that the Audit can proceed without the analysis (impact on existing litigation) being completed.

Chairman Ferons noted for the record that how can an audit be imposed on SOCWA when you think everything is good and not trying to hide anything. My opposition stems mostly from that SOCWA is in the midst of trying to do a number of things and there has been opposition to hiring additional staff, but at the same time we are going to have to look at spending staff time for additional efforts. The timing makes it rough considering all items SOCWA has on the plate right now at the Board and staff level. And with the direction the Board has been given, and the direction that the Board has given staff to keep moving on a number of

efforts, we are going to have to reprioritize some of those efforts and try to understand what the obligations are.

ACTION TAKEN

Motion was made by Director Reinhart and seconded by Director Lopez to request the Executive Committee consider this item and provide a recommendation to the Board of Directors.

Motion carried: Aye 10; Nay 0; Abstain 0; Absent 0

Director Dunbar	Aye
Director Goldman	Aye
Director Miller	Aye
Director Lopez	Aye
Director Reinhart	Aye
Vice Chairman Iseman	Aye
Chairman Ferons	Aye
Director Brunhart	Aye
Director Dopudja	Aye
Director Cameron	Aye

Chairman Ferons requested that the Executive Committee provide a recommendation to the Board of Directors at the August 2017 Board meeting.

Other Matters

11. Chairman Ferons asked if there were any more questions or comments from the Board. Director Iseman inquired what would the cost be to SOCWA for the State Audit and requested that staff reach out to other agencies that participated in a State Audit for estimates.

Ms. Burnett duly noted the request.

Adjournment

There being no further business, Chairman Ferons adjourned the meeting at 10:48 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Board of Directors of July 6, 2017, and approved by the Board of Directors of the South Orange County Wastewater Authority.

B. Burnett

Betty C. Burnett, General Manager / Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**SUMMARY OF BOARD ACTIONS
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

July 6, 2017

<u>DESCRIPTION</u>	<u>MOTION MADE BY</u>	<u>ACTION</u>
Financial Matters	Brunhart	Approved
SOCWA Executive Committee Bylaws	Lopez	Failed
O.C. 800 Megahertz Communication System	Brunhart	Approved
Resolution No. 2017-05 – Approving the Employee Manual for All SOCWA Employees	Brunhart	Approved
Update on State Joint Legislative Audit Committee Action to Commence Audit of SOCWA Subject to State Auditor Review of Potential that Audit Could Have an Impact on Existing Litigation	Reinhart	Approved

IN WITNESS WHEREOF, the Parties have executed this New Participating Agency Rider on the day and year first written above.

GOVERNANCE COMMITTEE

NEW PARTICIPATING AGENCY

Print Name: John Pietig
800 MHz CCCS Governance Committee Chair

Print Name: Betty Burnett, General Manager
South Orange County Waste Water Authority

Signature: _____

Signature: B. Burnett

Date: _____

Date: 6/29/17

Agenda Item

4.M.3.

Budgeted: N/A
Budget amount:
Line Item:
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Sean Peacher, Environmental Compliance Safety Manager

SUBJECT: Orange County Operational Area Agreement (*Separate Item*)

Summary

The purpose of an Operational Area (OA), as defined in Government Code Section 8605 and Title 19 California Code of Regulations Sections 2403 and 2409, is to manage and coordinate information, resources, and priorities among local governments within the geographic area of the County, and to serve as the coordination and communication link between the local government level and the regional level of the State; and to use multi-agency or inter-agency coordination to facilitate decisions for overall operational area level emergency response activities.

The Orange County (OC) OA Agreement formally creates and organizes the Orange County OA as required by the Standardized Emergency Management System (SEMS), Title 19 California Code of Regulations Section 2409, et seq. The OC OA was created, and the OC OA Agreement was approved by the Orange County Board of Supervisors on November 17, 1995. The OC OA Agreement, which was developed through a collaborative process with all affected organizations and jurisdictions, has guided how OC jurisdictions coordinate emergency planning and response activities. The OC OA Agreement went into effect in 1995 and was revised in 2020.

Discussion/Analysis

The OA is overseen by an Executive Board with representatives from each emergency response discipline. The OA Executive Board meets on a quarterly basis, and is responsible for the development, establishment and implementation of the policies of the OA. In 2017, the OA Executive Board identified the need to update the OA Agreement to better reflect current best practices and update outdated information. To accomplish this task, the Sheriff-Coroner Department, Emergency Management Division, which serves as staff to the OA Executive Board, formed a collaborative, multi-jurisdictional OA Agreement Revision Working Group to complete a comprehensive review and revision of the document. WEROC was a member of this collaborative working group.

The new OC OA Agreement developed by the OC OA Agreement Revision Working Group has structural and content changes from the original 1995 document. Agreement sections are

reorganized to make the document easier to understand and reference, and the document is reformatted to align with the Emergency Management Division's plan document style guide.

Five new OA Executive Board seats are added to the body to more diversely represent the jurisdictions of the OA. The new seats are designated for:

- The County Executive Officer
- The OC Social Services Agency Director
- **The OA Water/Wastewater Mutual Aid Coordinator**
- A representative selected jointly from the OC Community College Districts
- The OC Transportation Authority Chief Executive Officer

OA Finance

The New OC OA Agreement includes a significant reworking of language related to OA finances: grant funding and administration. Relevant language once contained in Addendum Two is now incorporated in the main body of the OC OA Agreement. The new language also addresses lessons learned related to the financial aspects of mutual aid and disaster recovery.

Addendums

The 1995 OC OA Agreement has three addendums that addressed various issues brought forth during the development of the original document. Addendum One clarifies roles and responsibilities for the OA, the OA Executive Board and the OAC. Addendum Two includes documents related to the administration of the Emergency Management Assistance Program grant that no longer exists. Addendum Three is the OA Mutual Aid Plan. This critical document will become an attachment to the Unified County of Orange and OC OA Emergency Operations Plan. This will put the Mutual Aid Plan on a more defined schedule of review and revision.

On June 17, 2020 SOCWA Staff received notification from the OA that on March 24, 2020, the revised OC OA Agreement was adopted by the County Board of Supervisors with the new OC OA Agreement to become effective six months after the document received approved by the County of Orange and one other OA jurisdiction.

On November 21, 2021 SOCWA staff received notification via e-mail from WEROC that SOCWA was one of four WEROC Member Agencies that had not yet signed the OC OA Agreement that went into effect on September 26, 2020. WEROC has requested that a signed OC OA Agreement be provided to WEROC, the executed copy will be provided by WEROC to the Sheriff-Coroner Department, Emergency Management Division, and the Orange County Clerk of the Board.

SOCWA rejoining the OC OA Agreement (which went into effect in 1995 and was revised in 2020) will allow the OC OA to continue to manage and coordinate information, resources, and priorities among the local governments within the geographic area of the County, and to serve as the coordination and communication link between the local government level and the regional level of the State; and to use multi-agency or inter-agency coordination to facilitate decisions for overall operational area level emergency response activities on behalf of SOCWA.

Fiscal impact

SOCWA was previously part of the OC OA Agreement, which has been in effect since 1995. There is no cost for SOCWA to join the OC OA Agreement along with other Subdivisions in the County of Orange, including cities, school districts, community college districts, special districts, joint powers authorities, and the County.

In the event of an actual or threatened emergency, each jurisdiction shall retain the authority provided for by law respecting its jurisdiction. No body created by this Agreement can bind Parties to legal or financial obligations.

Recommended Action: Staff recommends that the SOCWA Board of Directors authorize approval and adoption of the 2020 Orange County Operational Area Agreement with the County of Orange and Political Subdivisions by completing and submitting the signature page (Attachment D).

Attachment(s) (***separate item***):

Attachment A – 2020 OA Agreement (Approved by County BOS March 24, 2020)

Attachment B – 1995 Orange County Operational Area Agreement

Attachment C – California Code of Regulations Section 2409

Attachment D – SOCWA Signature Page for 2020 OA Agreement

Agenda Item

5.A.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: PC-2 Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jason Manning, Director of Engineering

SUBJECT: Contract Amendment for the J.B. Latham Treatment Plant Package B Engineering Services during Construction [Project Committee 2]

Overview

The engineering services during construction (ESDC) for the J.B. Latham Treatment Plant (JBL) Package B Construction Project includes preparation of the conformed documents, attendance at progress meetings, response to requests for information, review of shop drawings, review change orders, coordination with SCE, start-up services and the preparation of record drawings. Currently the anticipated substantial project completion for construction will be in September 2022. We are still working through schedule changes for other change orders including the descope items. Carollo's previously approved ESDC Amendment No. 1 covered the time extension through November 2021.

Carollo Engineers, the design engineering firm for the project, has submitted the attached ESDC Amendment No.2 Proposal with a fee of \$388,420 for review. Table 1 shows the project allocation, and Table 2 shows the allocation by member agency for the ESDC Services.

Table 1 – Change Order No. 2 Project Allocation

Project	Original Contract	Change Order No. 1	Change Order No. 2	Total
PC 2, Task 3220-000, Facility Improvements Construction Liquids Area	\$417,574	\$109,256	\$196,440	\$723,270
PC 2, 3287-000 Facility Improvements Construction Solids Area	\$363,420	\$100,151	\$180,905	\$644,476
PC 2, 3231-000 Facility Improvements Construction Common Area	\$65,534	\$18,210	\$11,075	\$94,819
Total	\$846,528	\$227,617	\$388,420	\$1,462,565

Table 2 – Change Order No. 2 Allocation by Member Agency

Member Agency	PC2, Task 3222-000	PC2, Task 3287-000	PC2, Task 3231-000	Total
City of San Juan Capistrano	\$60,443.08	\$54,271.50	\$3,365.10	\$118,079.67
Moulton Niguel Water District	\$45,332.31	\$39,114.59	\$2,475.18	\$86,922.08
South Coast Water District	\$56,665.38	\$36,181.00	\$2,704.86	\$95,551.24
Santa Margarita Water District	\$33,999.23	\$51,337.91	\$2,529.87	\$87,867.00
Total	\$196,440.00	\$180,905.00	\$11,075.00	\$388,420.00

Recommended Action: The Engineering Committee recommends to the PC 2 Board to approve the contract amendment to Carollo in the amount of \$388,420 for a total revised contract amount of \$1,462,565 for the Engineering Services during Construction for the J.B. Latham Package B Project.

Agenda Item

6.A.

Budgeted: Yes
Budget amount: \$120,000
Line Item: PC2, 15 &17 Lines 5012
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

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

Summary

The initial 2-year term of the grit hauling and disposal services contract ends on January 1, 2022. There are up to 3 annual renewals available with the contract. This service is necessary to remove and dispose of the grit and screenings (trash and debris) collected by each Treatment Plant's influent screens that protect the downstream equipment within the Treatment Plants.

The SOCWA staff is requesting the Board approve a 1-year contract extension with Athens Services to continue grit hauling and disposal services. The proposed fees for the SOCWA facilities are shown in the Table below. These fees do not include taxes and surcharges for single bin deliveries that are determined when services are rendered. SOCWA staff originally issued a collective request for proposals (RFP) for these services for SOCWA and its member agencies that operate similar facilities. Thus, the Table below also includes the proposed fees that will be extended to the member agencies.

Facility	Transportation Cost Per Trip (double bin)		
	Current Fees	Proposed Fees	% Increase
SOCWA Regional Treatment Plant	\$881.85	\$929.12	5.36%
SOCWA JBL Treatment Plant	\$904.81	\$953.31	5.36%
SOCWA Coastal Treatment Plant	\$831.17	\$875.72	5.36%
SMWD Chiquita WRF	\$831.17	\$875.72	5.36%
ETWD WWTP	\$796.77	\$839.48	5.36%
IRWD LAWTP	\$925.68	\$975.30	5.36%
CSC WRP	\$920.75	\$970.10	5.36%

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Discussion/Analysis

The proposed increase from Athens Services for this 1-year extension is 5.36% over the current contract pricing. The primary driver for the proposed increase is diesel fuel price increases. Athens Services retains its own truck drivers as employees and has avoided the national truck driver shortage issues.

Prior Related Project Committee or Board Action(s)

None

Fiscal impact

The impact on each of the three Project Committees will be a 5.36% increase over last year's grit hauling expenses or \$3,582.53. The increase by PC and member agency is presented below:

Estimated Service Utilization Increase Costs by PC (a)

PC	Est. Trips per Year	Inc. Trip Cost	Total Est. Annual Inc.
2	34	\$48.50	\$1,648.93
15	19	\$44.55	\$846.46
17	23	\$47.27	\$1,087.14
Total	76		\$3,582.53

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

PC2 O&M Liquids
Est. Annual Grit
Hauling Allocation

Agency	Budget Allocation %(1)	FY20-21 Est. Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CSJC	24.40%	\$7,506.30	\$402.34	\$7,908.64	5.36%
MNWD	16.00%	\$4,922.17	\$263.83	\$5,185.99	5.36%
SCWD	20.60%	\$6,337.29	\$339.68	\$6,676.97	5.36%
SMWD	39.00%	\$11,997.78	\$643.08	\$12,640.86	5.36%
Total	100.00%	\$30,763.54	\$1,648.93	\$32,412.47	5.36%

(1) FY2021-22 Budget Book

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PC15 O&M Liquids
Est. Annual Grit
Hauling Allocation

Agency	Budget Allocation % ⁽¹⁾	FY20-21 Est. Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	56.54%	\$8,928.93	\$478.59	\$9,407.52	5.36%
EBSB	2.82%	\$445.34	\$23.87	\$469.21	5.36%
MNWD	0.00%	\$0.00	\$0.00	\$0.00	NA
SCWD	40.64%	\$6,417.96	\$344.00	\$6,761.97	5.36%
Total	100.00%	\$15,792.23	\$846.46	\$16,638.69	5.36%

(1) FY2021-22 Budget Book

PC17 O&M Liquids
Est. Annual Grit
Hauling Allocation

Agency	Budget Allocation % ⁽¹⁾	FY20-21 Est. Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	0.06%	\$12.17	\$0.65	\$12.82	5.36%
EBSB	0.01%	\$2.03	\$0.11	\$2.14	5.36%
ETWD	0.20%	\$40.57	\$2.17	\$42.74	5.36%
MNWD	99.68%	\$20,217.65	\$1,083.67	\$21,301.31	5.36%
SCWD	0.05%	\$10.14	\$0.54	\$10.68	5.36%
Total	100.00%	\$20,282.55	\$1,087.14	\$21,369.69	5.36%

(1) FY2021-22 Budget Book

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

Agency	FY21-22 Est. Expenses	FY20-21 Est. Expenses	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	\$8,941.10	\$479.24	\$9,420.34	5.36%
CSJC	\$7,506.30	\$402.34	\$7,908.64	5.36%
EBSB	\$447.37	\$23.98	\$471.35	5.36%
ETWD	\$40.57	\$2.17	\$42.74	5.36%
MNWD	\$25,139.81	\$1,347.49	\$26,487.31	5.36%
SCWD	\$12,765.39	\$684.23	\$13,449.62	5.36%
SMWD	\$11,997.78	\$643.08	\$12,640.86	5.36%
Total	\$66,838.32	\$3,582.53	\$70,420.85	5.36%

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

Facility	Transportation Cost Per Trip (double bin)
	Proposed Fees
SOCWA Regional Treatment Plant	\$929.12
SOCWA JBL Treatment Plant	\$953.31
SOCWA Coastal Treatment Plant	\$875.72
SMWD Chiquita WRF	\$875.72
ETWD WWTP	\$839.48
IRWD LAW RP	\$975.30
CSC WRP	\$970.10

Agenda Item

6.B.

Budgeted: Yes
Budget amount: \$277,016
Line Item: PC2, 15 &17 Lines 5019
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Contract Extension Award to Integrated Municipal Systems, LLC. for Scrubber Maintenance Services [Project Committees Nos. 2, 15, and 17]

Summary

The initial 2-year term of the foul air scrubber maintenance services contract with Integrated Municipal Systems, LLC. (IMS) ends on January 1, 2022. There are up to 3 annual renewals available with the contract. This service is necessary to maintain the foul air equipment in compliance with strict SCAQMD permits and remove calcium and sulfur deposits that build up in the foul air scrubbers from the chemical processes to remove foul odors.

The SOCWA staff is requesting the Board approve a 1-year contract extension with IMS to continue the foul air scrubber maintenance services. The proposed fees for the SOCWA facilities are shown in the Table below.

Unit / Services	Unit Cost	Material Costs	Mark Up %	Current Labor \$	Proposed Labor \$
LO/PRO® multi-stage Odor Control Systems					
Monthly Service (calibration and reporting)	Per Service	Direct Costs plus Mark Up	20%	\$530	\$598
Acid Wash (Calibration, Internal Inspection, and reporting)	Per Service	Direct Costs plus Mark Up	20%	\$2,600	\$3,450
Emergency Call for services on any unit	Per Hr	Direct Costs plus Mark Up	20%	\$85	\$85
Major Repairs (Non-Standard Services) on any unit	Per Hr	Direct Costs plus Mark Up	20%	\$85	\$85

Discussion/Analysis

The proposed increase from IMS for this 1-year extension is an estimated increase of 16.93% over the current contract pricing and utilization of services. The primary driver for the proposed increase in the costs is associated with the increases for muriatic acid to perform acid washes due to the nationwide truck driver shortage and increases in raw materials to make the chemical.

Prior Related Project Committee or Board Action(s)

None

Fiscal impact

The impact on each of the three Project Committees will be an estimated 20% increase over last year's expenses for foul air scrubber maintenance services. The estimated increase by member agency varies from 19% to 24%, depending on the participating Project Committees' expected utilization of these services as presented below:

Estimated Service Utilization Increase in Costs by PC

PC	Scrubbers	Monthly Service Events	Annual Acid Washes	Annual Inc. for Monthly Services (a)	Est. Annual for Acid Washes (b)	Total Est. Annual Inc.
2 (JBL)	2	24	2	\$1,632.00	\$1,700.00	\$3,332.00
15 (CTP)	1	12	4	\$816.00	\$3,400.00	\$4,216.00
17 (RTP)	3	36	3	\$2,448.00	\$2,550.00	\$4,998.00
Total	6	72	9	\$4,896.00	\$7,650.00	\$12,546.00

(a) The increased cost of \$85 per scrubber per monthly service.

(b) The increased cost of \$850 per acid wash.

PC2 O&M Common Liquids Est.
 Annual Allocations

Agency	Budget Allocation % (1)	FY21-22 Est. Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc. by Agency
CSJC	30.77%	\$2,756.99	\$512.63	\$3,269.62	19%
MNWD	23.08%	\$2,067.97	\$384.51	\$2,452.48	19%
SCWD	28.84%	\$2,584.06	\$480.47	\$3,064.54	19%
SMWD	17.31%	\$1,550.98	\$288.38	\$1,839.36	19%
Total	100.00%	\$8,960.00	\$1,666.00	\$10,626.00	19%

(1) FY20-21 Budget Allocations

PC2 O&M Common Solids Est.
 Annual Allocation

Agency	Budget Allocation % (1)	FY20-21 Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CSJC	30.00%	\$2,688.00	\$499.80	\$3,187.80	19%
MNWD	21.62%	\$1,937.15	\$360.19	\$2,297.34	19%
SCWD	20.00%	\$1,792.00	\$333.20	\$2,125.20	19%
SMWD	28.38%	\$2,542.85	\$472.81	\$3,015.66	19%
Total	100.00%	\$8,960.00	\$1,666.00	\$10,626.00	19%
(1) FY20-21 Budget Allocations					

PC15 O&M Common Liquids Est.
 Annual Allocation

Agency	Budget Allocation % (1)	FY20-21 Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	37.91%	\$6,353.72	\$1,598.29	\$7,952.00	25%
EBSD	2.99%	\$501.12	\$126.06	\$627.18	25%
MNWD	29.25%	\$4,902.30	\$1,233.18	\$6,135.48	25%
SCWD	29.85%	\$5,002.86	\$1,258.48	\$6,261.34	25%
Total	100.00%	\$16,760.00	\$4,216.00	\$20,976.00	25%
(1) FY20-21 Budget Allocations					

PC17 O&M Common Liquids Est.
 Annual Allocation

Agency	Budget Allocation % (1)	FY20-21 Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	0.00%	\$0.00	\$0.00	\$0.00	0%
EBSD	0.00%	\$0.00	\$0.00	\$0.00	0%
ETWD	0.00%	\$0.00	\$0.00	\$0.00	0%
MNWD	100.00%	\$13,440.00	\$2,499.00	\$15,939.00	19%
SCWD	0.00%	\$0.00	\$0.00	\$0.00	0%
Total	100.00%	\$13,440.00	\$2,499.00	\$15,939.00	19%
(1) FY20-21 Budget Allocations					

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PC17 O&M Common Solids Est.
 Annual Allocation

Agency	Budget Allocation % (1)	FY20-21 Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	11.22%	\$1,507.97	\$280.39	\$1,788.36	19%
EBSD	0.59%	\$79.30	\$14.74	\$94.04	19%
ETWD	20.41%	\$2,743.10	\$510.05	\$3,253.15	19%
MNWD	58.82%	\$7,905.41	\$1,469.91	\$9,375.32	19%
SCWD	8.96%	\$1,204.22	\$223.91	\$1,428.13	19%
Total	100.00%	\$13,440.00	\$2,499.00	\$15,939.00	19%
(1) FY20-21 Budget Allocations					

SOCWA Agencies Estimated Annual Totals For All PC's

Agency	FY20-21 Expenses	Est. Annual Cost Increase	Est. Future Annual Costs	Est. Annual Inc.by Agency
CLB	\$7,861.68	\$1,878.67	\$9,740.36	24%
CSJC	\$5,444.99	\$1,012.43	\$6,457.42	19%
EBSD	\$580.42	\$140.80	\$721.22	24%
ETWD	\$2,743.10	\$510.05	\$3,253.15	19%
MNWD	\$30,252.83	\$5,946.79	\$36,199.62	20%
SCWD	\$10,583.15	\$2,296.06	\$12,879.21	22%
SMWD	\$4,093.82	\$761.20	\$4,855.02	19%
Total	\$61,560.00	\$12,546.00	\$74,106.00	20%

Recommended Action: Staff recommends award of a 1-year contract extension to Integrated Municipal Systems, LLC. for scrubber maintenance services at the following rates, plus applicable taxes:

Unit / Services	Unit Cost	Material Costs	Mark Up %	Proposed Labor \$
Monthly Service (calibration and reporting)	Per Service	Direct Costs plus Mark Up	20%	\$598
Acid Wash (Calibration, Internal Inspection, and reporting)	Per Service	Direct Costs plus Mark Up	20%	\$3,450
Emergency Call for services on any unit	Per Hr	Direct Costs plus Mark Up	20%	\$85
Major Repairs (Non-Standard Services) on any unit	Per Hr	Direct Costs plus Mark Up	20%	\$85

Agenda Item

6.C.

Budgeted: PC17 Small Capital

Legal Counsel Review: No

Meeting Date: December 2, 2021

TO: PC 17 Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Jim Burror, Director of Operations
SUBJECT: RTP Concrete Pad Project [Project Committee 17]

Summary

This agenda item provides a recommendation to authorize the General Manager to award a Construction Contract to install a concrete pad at the Regional Treatment Plant (RTP) for temporary trailers and construction staging. The Engineer's Estimate is \$60,000. Unfortunately, the bid price hold times from bidders doing smaller concrete placements is only 15-days. This short window will not allow SOCWA staff to prepare and submit an Agenda Item for Board approval as described in the Uniform Purchasing Policy and Procedures, Policy 1.715.

Discussion/Analysis

To help minimize neighbor complaints (noise and landscaping), O&M staff reviewed potential sites around RTP that could be used as a permanent, temporary work area. O&M staff found a site next to the Operations Building with access to permanent power, communications, water, and sanitary facilities. The area is currently landscaped but is not visible to the surrounding neighborhoods. This project will remove the existing landscaping in that area and pour a concrete pad for temporary trailers, equipment storage, welding, cutting, and other outdoor work activities.

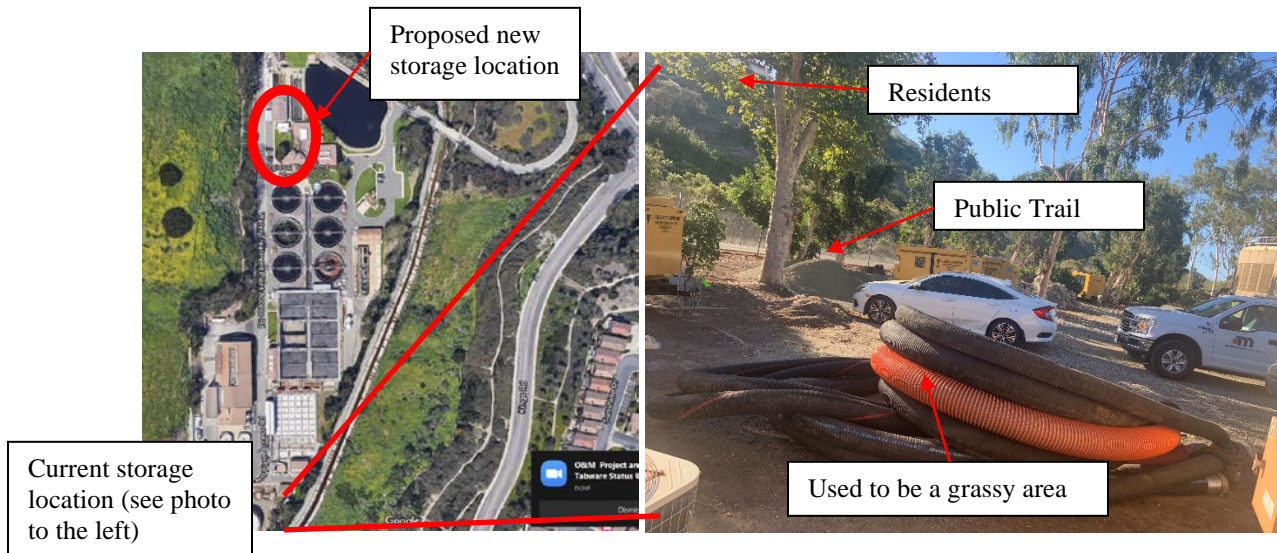
The goal of this project is to improve the visual impacts and reduce the noise impacts of ongoing work activities on the surrounding residential tracts and trail users. Two residential tracts look down on RTP, and there is a heavily used public trail running the length of the site. This new permanent, temporary work area, will minimize contractors using landscaped areas along the edge of the site for staging, storage, parking, etc., that are in full view of the public.

The Engineer's Estimate for the work is \$60,000, and SOCWA staff requests a 5% construction contingency of \$3,000.

O&M staff will work with the Procurement Department to conduct the informal bidding process through Planet Bids to be consistent with the Uniform Purchasing Policy and Procedures, Policy 1.715, that requires three (3) bids. This includes allowing contractors access to drawings, specifications, and site access to take measurements and inspect the landscaping to be removed. SOCWA staff also proposes the following:

- 1) The SOCWA General Manager be authorized to award a Construction Contract to the lowest responsive bidder to address the short bid hold time limitations.
- 2) SOCWA staff report the bidding results to the PC 17 representatives at the next scheduled Engineering Committee and Board of Directors meetings.

The following picture shows the location of the proposed concrete pad and the current state of the landscaping near an active construction site along the trail:



Prior Related Project Committee or Board Action(s)

None

Fiscal impact

Per SOCWA’s Uniform Purchasing Policy and Procedures, purchases over \$50,000 are to be reviewed and approved by the Board of Directors.

These capital purchases are located in the common area of RTP and allocated based on liquids-common and solids-common combined, or the PC17 combined ownership allocations. The following are the cost allocations for the Engineer’s Estimate:

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PC17 O&M Common
Allocation

Agency	Budget Allocation % ⁽¹⁾	Annual Cost
CLB	6.27%	\$3,762
EBSB	0.33%	\$198
ETWD	10.26%	\$6,156
MNWD	78.13%	\$46,878
SCWD	5.01%	\$3,006
Total	100.00%	\$60,000

Recommended Action: Staff recommends 1) the PC17 Board Members authorize the General Manager to award a Construction Contract for the Concrete Pad Project at RTP to the lowest responsive bidder with a not to exceed value of \$60,000; 2) Approve a construction contingency of \$3,000 (5% the Construction Contract) for unforeseen conditions discovered during the implementation of the Construction Contract; direct SOCWA staff to report the bidding results and contract issuance to the PC 17 representatives at the next scheduled Engineering Committee and Board of Directors meetings.

Agenda Item

6.D.

Budgeted: Yes
Budget amount: \$1,470,000
Line Item: PC2 & 17 Lines 5049
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Contract Extension Award to Synagro for Biosolids Management at Nursery Products in San Bernadino County [Project Committees Nos. 2 and 17]

Summary

The initial 5-year term of the Biosolids management contract with Synagro to manage Biosolids at the Nursery Products in San Bernadino County facility ends on January 1, 2022. There are up to two (2) 5-year extensions available with the contract. This service is necessary to remove and recycle Biosolids generated at the SOCWA and the member agency Treatment Plants.

The SOCWA staff is requesting the Board approve the next 5-year contract extension with Synagro for Biosolids management at the Nursery Products facility at the following proposed rate and rate structure:

Proposed Fee and Structure

Tipping Fee
\$59.89 per ton

These contract terms will also be available to member agencies wishing to exercise this contract extension with Synagro to manage Biosolids at the Nursery Products facility. The City of San Clemente, SMWD, and TCWD have used this contract in the past. It is anticipated that IRWD will also exercise this contract option.

Discussion/Analysis

The proposed pricing would be in place for the 5-year term without any proposed annual adjustments. The proposed pricing structure is a single per ton fee instead of the current 3-piece pricing structure (per trip fee, per ton tip fee, and daily trailer rental fee). JBL does not have a dedicated Biosolids storage and loading station like RTP and requires a rented trailer to be left overnight for filling. The proposed increase from Synagro for Biosolids management at the Nursery Products facility was estimated using the newly proposed pricing:

Treatment Facility	Current (1)	Proposed	Increase %
JBL (with trailer Rental)	\$52.71	\$59.89	13.62%
All others (without trailer Rental)	\$48.23	\$59.89	24.16%

(1) Estimated based on a truck loaded with 24 tons using the following 3-piece fee structure:

Tipping Fee	Haul/Trip Fee	Trailer Rental Fee, JBL Only
\$27 per ton	\$495 per trip	\$88 per day

The resulting estimated proposed increase is 13.62% for PC 2 (JBL) and 24.16% for PC17 (RTP). The blended increase for the two PC's is estimated at 17.42% based on actual usage in FY 2020-21. The member agencies using this contract cost would increase 24.16%. This proposed extension would leave in place the "no minimum" usage requirements for SOCWA and the member agencies. Thus, SOCWA and the member agencies would not be penalized for not using the contract.

The primary driver for the proposed increase in the costs is associated with a historic underpricing of the transportation costs in the original contract. The proposed pricing structure will place the transportation costs in line with SOCWA's other agreement with Synagro for Biosolids management at the South Kern Industrial Complex in Kern County. Staff denied a request to renegotiate the original Contract transportation costs when Synagro bought Nursery Products in 2017.

Lastly, the proposed change in pricing structure eliminates some of the billing complications with the current 3-part pricing structure.

Prior Related Project Committee or Board Action(s)

October, 2016 – Receive and File the Biosolids Management Strategic Plan Update

November, 2016 – Contract approval with Nursery Products for the Transportation and Beneficial Reuse of Wastewater Biosolids – 15-year agreement

February, 2018 – No action taken of the Consideration of Biosolids Handling Demonstration Project at SOCWA Treatment Facilities

June, 2018 – Receive and File the Biosolids Update Report

September, 2018 – Contract approval for engineering support services for the Biosolids Innovative Technology Request for Proposals with Carollo Engineers for \$99,948

November, 2018 – Receive and File the Biosolids Management Strategic Plan Update

October, 2019 – Engineering Committee proceeded with reviewing a shortlist of vendors that responded to the Biosolids Innovative Technology Request for Proposals

March, 2020 – Engineering Committee PC 2 and PC17 members to meet separately to review the proposals and responses.

August, 2020 – Engineering Committee PC 2 and PC17 members to meet separately to detail the moving of the Innovative Biosolids project forward with PC 2 and PC 17 members

September, 2020 – PC 2 and PC 17 Board of Directors conceded to not pursuing any of the Innovative Biosolids Proposals but to continue to discussion with SCAP and other organizations to identify partners who would be interested in working with SOCWA to further evaluate partner and location opportunities to continue the efforts already in progress

March, 2021 – Contract amendment approval for SOCWA to self-haul biosolids to Synagro's sites.

Fiscal impact

Based on the blending method implemented in FY2004-05, the annual estimated cost increase will be split evenly between PC2 and PC17. The estimated annual cost increase of 17.42%, or \$119,350, split evenly between the two PC's as presented below:

PC2 O&M Solids Est.
Annual Allocation

Agency	Budget Allocation % ⁽¹⁾	FY21-22 Est. Expenses	Blended FY21-22 Est. Expenses ⁽²⁾	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CSJC	22.86%	\$100,135	\$78,294	\$13,642	\$91,935	17.42%
MNWD	21.22%	\$92,951	\$72,677	\$12,663	\$85,340	17.42%
SCWD	23.59%	\$103,332	\$80,794	\$14,077	\$94,871	17.42%
SMWD	32.33%	\$141,616	\$110,728	\$19,293	\$130,021	17.42%
Total	100.00%	\$438,034	\$342,492	\$59,675	\$402,167	17.42%

(1) FY2021-22 Budget Book

(2) Per FY2004/05 Blending Method

PC17 O&M Solids Est.
Annual Allocation

Agency	Budget Allocation % ⁽¹⁾	FY21-22 Est. Expenses	Blended FY21-22 Est. Expenses ⁽²⁾	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	14.82%	\$36,598	\$50,757	\$8,844	\$59,601	17.42%
EBSB	0.92%	\$2,272	\$3,151	\$549	\$3,700	17.42%
ETWD	15.25%	\$37,660	\$52,230	\$9,100	\$61,330	17.42%
MNWD	60.92%	\$150,442	\$208,646	\$36,354	\$245,000	17.42%
SCWD	8.09%	\$19,978	\$27,708	\$4,828	\$32,535	17.42%
Total	100.00%	\$246,950	\$342,492	\$59,675	\$402,167	17.42%

(1) FY2021-22 Budget Book

(2) Per FY2004/05 Blending Method

SOCWA Agencies Est. Totals

Agency	Blended FY20-21 Expenses(1)	Est. Annual Cost Increase	Est. Future Annual Costs	Est. Annual Inc.by Agency
CLB	\$50,757	\$8,844	\$59,601	17.42%
CSJC	\$78,294	\$13,642	\$91,935	17.42%
EBSD	\$3,151	\$549	\$3,700	17.42%
ETWD	\$52,230	\$9,100	\$61,330	17.42%
MNWD	\$281,323	\$49,017	\$330,340	17.42%
SCWD	\$108,501	\$18,905	\$127,407	17.42%
SMWD	\$110,728	\$19,293	\$130,021	17.42%
Total	\$684,984	\$119,350	\$804,334	17.42%

(1) Per FY2004/05 Blending Method

Recommended Action: Staff recommends the Board authorize the General Manager to continue the use of the Nursery Product contract for Biosolids management for years 6 to 10 of the contract, at the following rates:

Facility	Proposed (\$/ton)
Nursery Products – San Bernadino County	\$59.89

Agenda Item

6.E.

Budgeted: Yes
Budget amount: \$1,470,000
Line Item: PC2 & 17 Lines 5049
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Contract Extension Award to Synagro for Biosolids Management at the South Industrial Complex in Kern County [Project Committee Nos. 2 & 17]

Summary

The initial 5-year term of the Biosolids management contract with Synagro to manage Biosolids at the South Industrial Complex in Kern County ends on January 1, 2022. There are up to two (2) 5-year renewals available with the contract. This service is necessary to remove and recycle Biosolids generated at the SOCWA and the member agency Treatment Plants.

The SOCWA staff is requesting the Board approve the next 5-year contract extension with Synagro for Biosolids management at the South Industrial Complex (SKIC) at the following rate:

Facility	Proposed(1)(2)
SKIC Facility -- Kern County(1)	\$72.07/ton

(1) These fees do not include a monthly adjustment (+/-) for actual diesel fuel prices.

(2) The extension will continue to implementation of an annual CPI adjustment in the following 4 years.

These contract terms will be available to member agencies wishing to exercise a contract extension with Synagro to manage Biosolids at the South Industrial Complex. IRWD and SMWD have used this contract in the past.

Discussion/Analysis

The proposed increase from Synagro for Biosolids management at the SKIC is 3% over the current contract pricing.

Facility	Current	Proposed(1)(2)	Increase %
SKIC Facility -- Kern County	\$69.97/ton	\$72.07/ton	3.0%

(1) These fees do not include a monthly adjustment (+/-) for actual diesel fuel prices.

(2) The extension will continue to implementation of an annual CPI adjustment in the following 4 years.

The primary driver for the proposed increase in the costs is associated with escalating transportation costs. Fortunately, the transportation subcontractor for SKIC has avoided issues with the nationwide truck driver shortage by employing its own employees.

The Regional Treatment Plant (RTP) is the only SOCWA facility to use these services because RTP has a dedicated Biosolids storage and loading station. SOCWA implemented a blending policy for Biosolids expenses to allow for a diversified Biosolids Management program in FY2004-05 by melding higher and lower cost management options between PC 17 and PC 2.

Prior Related Project Committee or Board Action(s)

October, 2006 –Contract approval with Synagro Composting Company for the Transportation and Beneficial Reuse of Wastewater Biosolids – Two Year Extension

July, 2004 –Contract approval with Synagro Composting Company for the Transportation and Beneficial Reuse of Wastewater Biosolids – 10 Year Agreement

January, 2016 – Contract approval with Synagro Composting Company for the Transportation and Beneficial Reuse of Wastewater Biosolids of the early renewal Option 1 presented by Synagro – 15-year agreement

October, 2016 – Receive and File the Biosolids Management Strategic Plan Update

February, 2018 – No action taken of the Consideration of Biosolids Handling Demonstration Project at SOCWA Treatment Facilities

June, 2018 – Receive and File the Biosolids Update Report

September, 2018 – Contract approval for engineering support services for the Biosolids Innovative Technology Request for Proposals with Carollo Engineers for \$99,948

November, 2018 – Receive and File the Biosolids Management Strategic Plan Update

October, 2019 – Engineering Committee proceeded with reviewing a shortlist of vendors that responded to the Biosolids Innovative Technology Request for Proposals

March, 2020 – Engineering Committee PC 2 and PC17 members to meet separately to review the proposals and responses.

August, 2020 – Engineering Committee PC 2 and PC17 members to meet separately to detail the moving of the Innovative Biosolids project forward with PC 2 and PC 17 members

September, 2020 – PC 2 and 17 Board of Directors conceded to not pursuing any of the Innovative Biosolids Proposals but to continue to discussions with SCAP and other organizations to identify partners who would be interested in working with SOCWA to further evaluate partner and location opportunities to continue the efforts already in progress

March, 2021 – Contract amendment approval for SOCWA to self-haul biosolids to Synagro's sites.

Fiscal impact

Based on the blending method implemented in FY2004-05, the annual estimated cost increase will be split evenly between PC2 and PC17. The estimated annual cost increase of 3.00%, or \$20,820, is presented below:

PC2 O&M Solids Est. Annual Allocation

Agency	Budget Allocation %(1)	FY21-22 Est. Expenses	Blended FY21-22 Est. Expenses(2)	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CSJC	22.86%	\$0	\$79,321	\$2,380	\$81,701	3.00%
MNWD	21.22%	\$0	\$73,630	\$2,209	\$75,839	3.00%
SCWD	23.59%	\$0	\$81,854	\$2,456	\$84,310	3.00%
SMWD	32.33%	\$0	\$112,181	\$3,366	\$115,546	3.00%
Total	100.00%	\$0	\$346,986	\$10,410	\$357,396	3.00%

(1) FY2021-22 Budget Book

(2) Per FY2004/05 Blending Method

PC17 O&M Solids Est. Annual Allocation

Agency	Budget Allocation %(1)	FY21-22 Est. Expenses	Blended FY21-22 Est. Expenses(2)	Est. Annual Cost Increase	Est. Future Annual Costs	% Est. Annual Inc.by Agency
CLB	14.82%	\$102,847	\$51,423	\$1,543	\$1,543	3.00%
EBSD	0.92%	\$6,385	\$3,192	\$96	\$96	3.00%
ETWD	15.25%	\$105,831	\$52,915	\$1,588	\$1,588	3.00%
MNWD	60.92%	\$422,768	\$211,384	\$6,342	\$6,342	3.00%
SCWD	8.09%	\$56,142	\$28,071	\$842	\$842	3.00%
Total	100.00%	\$693,972	\$346,986	\$10,410	\$10,410	3.00%

(1) FY2021-22 Budget Book

(2) Per FY2004/05 Blending Method

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SOCWA Agencies Est. Totals

Agency	Blended FY20-21 Expenses(1)	Est. Annual Cost Increase	Est. Future Annual Costs	Est. Annual Inc.by Agency
CLB	\$51,423	\$1,543	\$52,966	3.00%
CSJC	\$79,321	\$2,380	\$81,701	3.00%
EBSD	\$3,192	\$96	\$3,288	3.00%
ETWD	\$52,915	\$1,588	\$54,503	3.00%
MNWD	\$285,014	\$8,551	\$293,565	3.00%
SCWD	\$109,925	\$3,298	\$113,223	3.00%
SMWD	\$112,181	\$3,366	\$115,546	3.00%
Total	\$693,972	\$20,820	\$714,792	3.00%

(1) Per FY2004/05 Blending Method

Recommended Action: Staff recommends the Board authorize the General Manager to continue the use of the Synagro South Industrial Complex in Kern County for Biosolids management for years 6 to 10 of the contract, plus monthly adjustments (+/-) for actual diesel fuel prices and automatic annual CPI adjustment in the following 4 years, as shown:

Facility	Proposed
SKIC Facility -- Kern County(1)	\$72.07/ton

Agenda Item

6.F.

Budgeted: Yes

Budget amount: \$82,000

Line Items: 02/17-5015-02

Legal Counsel Review: No

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, SOCWA General Manager
STAFF CONTACT: Amber Baylor, Director of Environmental Compliance
SUBJECT: Cogeneration Emission Testing Review

Summary

The South Coast Air Quality Management District (SCAQMD) permits the Cogeneration Engines at the JB Latham Wastewater Treatment facility and the Regional Treatment Plant. There are permit requirements to test the engine on a monthly and annual basis to ensure compliance with permit conditions.

Discussion/Analysis

There is specialized testing to perform the monthly suite of tests which is accomplished by Atmospheric Analysis and Consulting services. When testing requirements were released by the manufacture to ensure that the digester gas met engine specifications, SOCWA staff reached out to the environmental air testing community for recommendations. Atmospheric Analysis and Consulting Services was the only laboratory who could perform the specialized testing. This item is for consideration of approval under (1). Staff will initiate a request for proposals process prior to the close of FY 22-23 to determine if there are firms that can provide equivalent levels of testing at that time.

In addition, on an annual basis, AirKinetics performs source test in compliance with permit conditions. Another vendor previously provided the service but due to errors in the report and delays in the scheduling process that needs to be completed on a schedule, the vendor was not utilized in subsequent years. However, staff does reach out to vendors to determine if pricing is in alignment with the source testing requirements. AirKinetics was also chosen due to an industry recommendation due to superior quality of services. This item is for consideration of approval under (2). Staff will initiate a request for proposals process prior to the close of FY 22-23 to determine if there are firms that can provide equivalent levels of testing at that time.

Advisory Committee Review

None.

Prior Related Project Committee or Board Action(s)

Financial schedules are provided to members of the Finance Committee upon request through the budget process. This testing is approved through the budget process.

Fiscal impact

None.

Recommended Action: Staff recommends the Board of Directors approval in the use of:

1. Atmospheric Analysis and Consulting services in the amount not to exceed \$60,000 per fiscal year for the term of two years, and
2. Atmospheric Analysis and Consulting services in the amount not to exceed \$22,000 per fiscal year for the term of two years.

Agenda Item

6.G.

Budgeted: Yes
Budget amount: \$7,000
Line Items: 05-5044-02 & 24-5044-02
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Amber Baylor, Director of Environmental Compliance

SUBJECT: 2021/2022 Region IX Kelp Survey Consortium

Summary

SOCWA has been participating in the Region IX Kelp Survey Consortium as a required NPDES permit condition along with The City of San Diego, US International Boundary and Water Commission [via City of San Diego], Encina Wastewater Authority, City of Escondido, Genentech, San Elijo Joint Powers Authority, City of Oceanside, SCE San Onofre Nuclear Generating Station, Fallbrook Public Utility District, Poseidon Channelside (for the Carlsbad Desalination Facility), and the Marine Corps Base Camp Pendleton. The total cost of the program for overflight monitoring with all permitted entities is \$150,997 which is split over a two-year basis between all participating entities.

Discussion/Analysis

Since 1983, the surface area of coastal kelp beds within the jurisdiction of the San Diego Regional Water Quality Control Board has been monitored by aerial photography on a quarterly basis for the Region Nine Kelp Survey Consortium (RNKSC or Consortium). MBC Applied Environmental Sciences (MBC) has facilitated or conducted these surveys for the past two decades and proposes to continue the kelp bed monitoring for the RNKSC for the 2021-2022 and 2022-2023 surveys, including production of quarterly progress reports, a summary table of results for calendar year 2021 would be produced in 2022 (no annual report would be produced), a final annual "Status of the Kelp Beds" report (for calendar years 2021 and 2022) would be produced for 2023, and presentation of the 2021/2022 results to the Consortium at an annual meeting in 2023.

Prior Related Project Committee or Board Action(s)

None

Fiscal impact

Each Consortium member's share for the two (2) years 2021 & 2022 is \$13,727.00 with payments of \$6,296.54 per year, split between both ocean outfalls. The current SOCWA Budget includes these required regulatory costs, therefore no additional funding is necessary.

Recommended Action: Staff recommends to the Board of Directors to authorize the General Manager to enter into the Region IX Kelp Survey Consortium 2021-2022 contract with MBC Aquatic Sciences.

Agenda Item

6.H.

Budgeted: Yes

Budget amount: \$150,000

Line Items: 05/24-5044-02, 05/24-5046-02, 02/15/17-5011-02

Legal Counsel Review: No

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Amber Baylor, Director of Environmental Compliance
SUBJECT: Water Quality Monitoring and Testing Services

Summary

The Regional Treatment Plant Laboratory is a California accredited laboratory that provides regulatory compliance and process control testing. There is specialized testing and monitoring locations that the laboratory cannot perform in house for or obtain access to, and therefore relies on private firms to accomplish this testing or transportation services. The testing ranges from toxicity testing to utilization of specialized boating equipment to collect offshore samples. The firms utilized have either provided SOCWA with steady and competitive rate structures or are the only firm that can provide specialized services.

Discussion/Analysis

For generalized water quality testing, the Sierra Analytical Laboratory has been utilized by SOCWA since SOCWA's inception. Sierra Analytical is also a California certified laboratory offering a range of testing capabilities. Sierra Analytical is priced below market rate structures for many of the analytes tested for and can serve as a back-up laboratory during emergency events. Since 2015, SOCWA has spent between \$14,010 and \$40,228 per year depending on what year the permit cycle falls within. Sierra Analytical is also located in Laguna Hills serving as a local testing laboratory with a superior performance from inception. This item is for consideration of approval under (1).

Enthalpy Analytical provides specialized acute and chronic toxicity testing for the combined effluent of the San Juan Creek Ocean Outfall and the Aliso Creek Ocean Outfall. This testing is permit required. Nautilus Environmental was acquired by Enthalpy Analytical. Nautilus Environmental had been providing toxicity testing for SOCWA for the last ten years. Due to the same pricing and excellent performance, SOCWA continued services with Enthalpy Analytical. Since 2015, SOCWA has spent between \$29,510 and \$51,880 per year related to monthly required testing and other permit exceedances. This item is for consideration of approval under (2).

Seaventures, Inc. provides boating services to collect offshore samples as required by the Aliso Creek Ocean Outfall and San Juan Creek Ocean Outfall NPDES permits. There is a total of twenty-seven monitoring locations that are sampled by SOCWA staff monthly through boating transportation services provided by Seaventures. Seaventures also provides as needed buoy cleaning and redeployment services as requested by the U.S. Coast Guard. Since 2015, SOCWA has spent between \$24,156 and \$36,798 per year. There are no other local, specialized boating rigs in the Dana Point, CA area. This item is for consideration of approval under (3).

Prior Related Project Committee or Board Action(s)

Financial schedules are provided to members of the Finance Committee upon request through the budget process. This testing is approved through the budget process.

Fiscal impact

None.

Recommended Action: Staff recommends the Board of Directors approval in the use of:

1. Sierra Analytical in the amount not to exceed \$45,000 per fiscal year for the term of three years,
2. Enthalpy Analytical in the amount not to exceed \$55,000 per fiscal year for the term of three years, and
3. SeaVentures in the amount not to exceed \$50,000 per fiscal year for the term of three years.

Agenda Item

6.I.

Budgeted: Yes
Budget amount: \$295,000
Line Items: 17-5068-02, 02/15/17-5011-02, 05/24-5036-02, 24-5015-02, 02-5015-02
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Amber Baylor, Director of Environmental Compliance
SUBJECT: Environmental Services, Supplies, and Equipment

Summary

The Regional Treatment Plant Laboratory is a California accredited laboratory that provides regulatory compliance and process control testing. There are specialized supplies, equipment and services that are required to maintain certification and permit required testing. In addition, SOCWA utilizes one vendor for brokering activity to obtain the best pricing between multiple vendors.

Discussion/Analysis

Coliform bacteria testing is the industry standard to ensure drinking water supplies and reclaimed water supplies are below allowable public health standards. The Idexx Corporation's Colilert test detects and quantifies coliform bacteria total coliforms and *Escherichia coli*, with results in 24 hours utilizing patented media and sterile sample bottles. The media and sample bottles are only available by the Idexx Corporation under test methods approved for compliance testing. Between 2015 and present, SOCWA spent between \$10,469 and 26,001 per year on media and bottles for compliance testing. This item is for consideration of approval under (1).

Microtech Scientific has been providing laboratory supplies and equipment to the AWMA, SERRA, and then SOCWA laboratory for over two decades. Microtech Scientific is a broker of laboratory supplies across major suppliers for chemicals and other needed supplies. Microtech Scientific consistently outperforms the pricing compared to individual vendors when requesting supplies direct to the supplier. Since 2015, SOCWA has spent between \$19,542 and \$127,491 per year related to compliance testing and specialized research projects that inform permit related discussions. This item is for consideration of approval under (2).

MCR Technologies provides calibration services and maintenance services on the SOCWA flow meters and automated sampling equipment that are permit requirements. Since 2015, SOCWA has spent between \$8,221 and \$23,978 per year. This firm provides specialized services with no other competitors willing to serve this market. This item is for consideration of approval under (3).

Teledyne Instruments, Inc. provides stationary and mobile sampling equipment for compliance testing and flow monitoring in the SOCWA service area. SOCWA has tried alternative sampling equipment for compliance purposes but the vendor's product is not at a sufficient level related to reliability and maintenance of the instrument. For this reason, SOCWA utilizes Teledyne Instruments to procure ISCO samplers for compliance and flow monitoring purposes. Since 2015, SOCWA has spent between \$1,590 and \$26,555 per year. This item is for consideration of approval under (4).

ADS Environmental Services provides sewer shed monitoring in the SOCWA service area. ADS Environmental Services provide calibrated flow monitoring services for billing purposes for the San Juan Creek and the Oso-Trabuco sewer lines entering the SOCWA service facilities. These services include an online monitoring module, sewer manhole investigations annually to ensure the sewer flows are being accurately captured, and as needed calibrations when flow monitoring begins to drift. Since 2015, SOCWA has spent between \$15,627 and \$44,194 per year. This item is for consideration of approval under (5).

Prior Related Project Committee or Board Action(s)

Financial schedules are provided to members of the Finance Committee upon request through the budget process. This testing is approved through the budget process.

Fiscal impact

None.

Recommended Action: Staff recommends the Board of Directors in the use of:

1. the Idexx Corporation in the amount not to exceed \$30,000 per fiscal year for the term of three years,
2. Microtech Scientific in the amount not to exceed \$150,000 per fiscal year for the term of three years,
3. MCR Technologies the amount not to exceed \$30,000 per fiscal year for the term of three years,
4. Teledyne Industries the amount not to exceed \$35,000 per fiscal year for the term of three years, and
5. ADS Environmental Services the amount not to exceed \$50,000 per fiscal year for the term of three years.

Agenda Item

6.J.

Budgeted: Yes
Budget amount: \$45,000
Line Items: 2/5/12/15/17/24-5015-02
Legal Counsel Review: No
Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, SOCWA General Manager

STAFF CONTACT: Amber Baylor, Director of Environmental Compliance

SUBJECT: Professional Environmental Services

Summary

This item includes on call services and permit related services related to the NPDES permits and the Master Water Recycled Water. There are two vendors who provide on call services related to spills that may occur. The other professional service utilized is for permit renewal services.

Discussion/Analysis

After the 2017 secondary treated water from the Regional Treatment facility, a key lesson learned, and staff response was to retain on-call biological services to determine if there was biological impacts to spills within the SOCWA service area. Denton Mudry Environmental and GIS Services has served as the oncall biologist to assess the potential damages caused by related spill activities. Services deployed included on site assessment within 24 hours of the spill, flora and fauna impact analysis both short term and long term depending on the magnitude of the spill, and a final report of the damages. Between 2015 and present, SOCWA spent between \$4,720 to \$22,360 on spill response services. This item is for consideration of approval under (1).

Dudek Environmental has been identified as a backup support services for on-call biological services with representatives within 1 hour drive of SOCWA facilities. SOCWA staff have not spent any monies related to this on-call service but SOCWA staff requests that Dudek be included in the list of biological support services related to spill responses. SOCWA staff requests that the Board authorize up to \$20,000 per year in response services when services are retained. This item is for consideration of approval under (2).

Dr. Michael Welch is a professional engineer with over forty years of regional experience. Dr. Welch has served as the overseeing engineer related to all report of waste discharge permitting for SOCWA, and previously AWMA, for the last two plus decades. Dr. Welch is a regional expert related to permitting and provides report of waste discharge renewal services. Between 2015 and present, SOCWA spent between \$9,720 to \$39,840 per year for permit renewal services through three permit cycles for the NPDES permits and the renewal of the Master Recycled Water permit. SOCWA obtains high quality and efficient information from Dr. Welch's services and is the industry expert in this Region. SOCWA has completed the report of waste discharge

applications for the Aliso Creek and San Juan Creek Ocean Outfalls which has been most scoped services. For FY 21-22, there remains a minor amount of work for contract services of Dr. Welch. It is expected that in FY 22-23, a renewal of the Master Recycled Water Permit will occur and staff requests authorization of up to \$15,000 for the next three fiscal years. This item is for consideration of approval under (3).

Prior Related Project Committee or Board Action(s)

Financial schedules are provided to members of the Finance Committee upon request through the budget process. This testing is approved through the budget process.

Fiscal impact

None.

Recommended Action: Staff recommends the Board of Directors in the use of:

1. the Denton Mudry Environmental and GIS Services in the amount not to exceed \$30,000 per fiscal year for the term of three years,
2. the Dudek Environmental firm in the amount not to exceed \$30,000 per fiscal year for the term of three years, and
3. Dr. Michael Welch's services in the amount not to exceed \$15,000 per fiscal year for the term of three years.

Agenda Item

6.K.

Budgeted: No

Budget amount: \$75,000

Line Item: 01-6302-05

Legal Counsel Review: No

Meeting Date: December 9, 2021

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Amber Baylor, Director of Environmental Compliance
Jeanette Cotinola, Procurement/Contract Manager
Matt Clarke, IT Administrator

SUBJECT: Contract Management Software

Summary

Staff conducted research for Contract Lifecycle Management (CLM) software looking at three different programs: Agiloft, Contract Logix, and CobbleStone. Staff conducted interviews with Contract Management Colleagues and Companies that use them to determine which would best suit SOCWA's administrative, technical, policy, and programmatic requirements. This project includes software implementation with a third party, annual subscription costs, and integration with the Blackbaud Financial Management software.

Discussion/Analysis

Through evaluation of the companies providing contract management software, Agiloft was chosen due to the following features which were priced competitively compared to the other software vendors: automated document assembly, email and SMS integration, document versioning and check-in/check-out controls, version comparison, library functions, time-based notifications, reports, dashboards, quick edit controls, DocuSign and Adobe Sign integrations, approval workflows, permission controls, workflow automation, full audit trail capability, automatic documentation, and the ability to track costs associated with each contract integrated with the Blackbaud financial management software the Authority currently uses. There are three software subscription packages that Agiloft offers: Professional, Professional Extended, and Enterprise editions. SOCWA staff evaluated the software specifications and chose the Professional edition, with an annual subscription cost of \$18,075.00 for a term of three years.

Legacy New Ventures will be the software implementation firm who will develop the custom workflows with SOCWA's approval workflows, import data, assign permission levels, set up custom templates, create email notification through single sign-on protocols, add eSignature integration, and import industry specific clause libraries. Cost for this one-time integration is not to exceed \$43,000.

The final integration of the Agiloft software will be to integrate Blackbaud's application program interface with Agiloft. SOCWA staff determined that real-time integration would not be needed based on company workflow needs, thus saving the company from upgrading to the Agiloft Enterprise software edition. A dedicated host server will be set up by SOCWA staff through a virtual machine where a data repository can be created and then shared across Blackbaud and Agiloft through nightly pulling and pushing of data records from each system. The cost for this application program integration by Blackbaud is \$5,000.

Fiscal impact

Implementation costs will not exceed \$43,000, plus the renewal costs estimated of \$18,075.00 for the Professional annual subscription license and \$5,000 for Blackbaud integration, for a total cost, this fiscal year with contingency of \$75,000. This contract management system is not budgeted and would require a budget adjustment for IT allocation into all project committees.

Contracts Software Annual Expense (Full Year)

¹Member Agency Distribution using FY 2021-22 Budget Distribution:

Member Agency	Amount	% Distribution	Budget %'s
City of Laguna Beach	\$7,770	10.4%	10.4%
City of San Clemente	800	1.1%	1.1%
City of San Juan Capistrano	6,662	8.9%	8.9%
El Toro Water District	3,250	4.3%	4.3%
Emerald Bay Service District	625	0.8%	0.8%
Irvine Ranch Water District	785	1.0%	1.0%
Moulton Niguel Water District	31,145	41.5%	41.5%
Santa Margarita Water District	9,982	13.3%	13.3%
South Coast Water District	13,896	18.5%	18.5%
Trabuco Canyon Water District	84	0.1%	0.1%
Total	\$75,000	100.0%	100.0%

¹Annual Expense distributed by Member Agency using FY 2021-22 Budget Distribution percentages.

Recommended Action: Staff recommends to the Board of Directors to authorize the General Manager to enter a contract with Agiloft, Legacy New Ventures, and Blackbaud to procure software and implementation of Agiloft Contract Lifecycle Management software.

Agenda Item

6.L.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
SUBJECT: AB 361 – Allowing for Virtual Meetings - Findings and Approval to continue virtual meetings

BACKGROUND

On March 4, 2020, the Governor declared a state of emergency arising from the Covid-19 pandemic. Pursuant to Government Code 54953(e)(1), if a state of emergency exists, and state or local officials have imposed or recommended measures to promote social distancing, or if a majority of the Board determines that meeting in person would present imminent risks to the health and safety of attendees, then the Board can utilize telephonic or virtual meetings without compliance with the telephonic agenda provisions of the Brown Act found in Government Code 54953(b)(3). Consistent with findings made and the action taken at the November Board meeting, the SOCWA Board held its November Board, committee and PC meetings virtually under AB 361, and the Board's 30-day findings expired December 2, 2021.

California continues to be in a proclaimed state of emergency. The current County of Orange Health Officer's Orders and Strong Recommendations dated November 17, 2021 (attached to this staff report) contain "strong recommendations" promoting social distancing for unvaccinated and vulnerable populations, which include individuals over 65 years old and those with underlying health conditions. In light of the ongoing state of emergency and these local recommendations, the SOCWA Board of Directors may conduct today's meeting virtually pursuant to Government Code 54953(e)(1)(A). In order to continue holding virtual board, special, committee, and PC meetings over the next 30 days, the SOCWA Board of Directors must make the required findings set forth below, and must continue making these findings every 30 days thereafter.

DISCUSSION

AB 361 amends the Brown Act and allows for public organizations to continue using virtual meetings through January 1, 2024 if any of the following circumstances are met:

- (A) The legislative body holds a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing.
- (B) The legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.
- (C) The legislative body holds a meeting during a proclaimed state of emergency and has determined, by majority vote, that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

In accordance with AB No. 361, when a board wants to continue holding virtual meetings because a state of emergency continues, the board must make findings every 30 days that 1) the Board has reconsidered the circumstances of the state of emergency and 2) the state of emergency continues to directly impact the ability of the members to meet safely in person or state or local officials continue to impose or recommend measures to promote social distancing.

Local officials continue to recommend that persons who are not vaccinated maintain at least 6 feet of physical distance from persons of different households. The County of Orange Health Officer's Orders and Strong Recommendations, revised November 17, 2021 (attached), contain a "strong recommendation" that vulnerable populations, including older persons and individuals with underlying health conditions, take preventive measures for Covid-19 including social distancing and mask-wearing when around people from different households. The Covid-19 data and information provided below is posted on the Orange County Health Care Agency's website as of 11/30/2021:

- Cumulative Cases: 312,845
- Daily Positive Cases: 222
- Cumulative Deaths: 5,725
- Daily (new) Deaths Reported Today: 15
- Cumulative PCR Tests: 5,786,906
- Daily PCR Tests: 8,990
- Cases Currently Hospitalized: 196
- Cases Currently in ICU: 52

The most recent Orange County Covid-19 related information is available on the OCHCA website, and can be found at <https://occovid19.ochealthinfo.com/> (the link updates as information changes).

THEREFORE, STAFF RECOMMENDS THE BOARD OF DIRECTORS APPROVE THE FOLLOWING FINDINGS AND ACTIONS:

1. The Board hereby FINDS AND DECLARES that it has reconsidered the circumstances of the proclaimed state of emergency declared by the Governor on March 4, 2020 relating to the Covid-19 pandemic;
2. Based on the information provided in this staff report and pursuant to the information and discussion presented in the December 9, 2021 Board meeting, the Board hereby FINDS AND DECLARES that the state of emergency continues to directly impact the ability of the members to meet safely in person; and/or that state and/or local officials continue to impose or recommend measures to promote social distancing;
3. The Board hereby makes these findings and approves for the upcoming 30-day period, December 9, 2021 to January 8, 2022, regular and special meetings of the SOCWA Board and its Standing Committees and Project Committees will continue to be virtual meetings held in accordance with AB 361'S Public Notice and Public Participation requirements.
4. Staff is hereby directed to notice the January 6, 2022 board meeting as a virtual meeting if the proclaimed state of emergency remains, and to place AB 361 findings on the agenda for consideration at that meeting so that the Board can at that point in time make a determination regarding whether as a result of the emergency, meeting in person would continue to present imminent risks to the health or safety of attendees.



CLAYTON CHAU, MD PhD
DIRECTOR/COUNTY HEALTH OFFICER

REGINA CHINSIO-KWONG, DO
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COUNTY OF ORANGE HEALTH OFFICER'S ORDERS AND STRONG RECOMMENDATIONS

(Revised November 17, 2021)

In light of the new and recent guidance on COVID-19 isolation and quarantine issued by California Department of Public Health (CDPH), the following Orders and Strong Recommendations shall revise and replace the prior Orders and Strong Recommendations of the County Health Officer that were issued on October 12, 2021. The Orders and Strong Recommendations issued on October 12, 2021, are no longer in effect as of November 17, 2021.

Pursuant to California Health and Safety Code sections 101030, 101040, 101470, 120175, and 120130, the County Health Officer for County of Orange orders and strongly recommends the following:

ORDERS

Effective immediately, and continuing until further notice, the following shall be in effect in unincorporated and incorporated territories of Orange County, California:

I. Self-Isolation and Self-Quarantine Orders

o Self-isolation of Persons with COVID-19.

Persons with COVID-19 symptoms. All Orange County residents and visitors *with COVID-19 who are symptomatic* (as defined below) shall immediately isolate themselves in their home or another residence. They may discontinue self-isolation under the following conditions:

- At least 10 days have passed since symptom onset; AND
- At least 24 hours have passed since resolution of fever without the use of fever-reducing medications; AND
- Other symptoms have improved (except that loss of taste and smell may persist for weeks or months after recovery and need not delay the end of isolation).

Persons without COVID-19 symptoms. All Orange County residents and visitors *with COVID-19 who are asymptomatic* (i.e., they do not have any symptom(s), as defined below) shall isolate themselves immediately in their home or another residence. They may discontinue self-isolation under the following conditions:

- At least 10 days have passed since the first positive COVID-19 PCR or rapid antigen laboratory test.

Additional Considerations.

- A Person who is self-isolated may not leave his or her place of isolation except to receive necessary medical care.
- If a more specific and individualized isolation order is issued by the County Health Officer for any county resident, the resident shall follow the specific order instead of the order herein.
- People who are severely ill with COVID-19 might need to stay in self-isolation longer than 10 days and up to 20 days after symptoms first appeared. People with weakened immune systems may require testing to determine when they can be around others. Talk to your healthcare provider for more information. Your healthcare provider will let you know if you can resume being around other people based on the results of your testing.

This self-isolation order DOES NOT in any way restrict access by first responders to an isolation site during an emergency.

Definition.

- A person is considered to “*with COVID-19*” if the person has:
 - Received a positive COVID-19 PCR or rapid antigen laboratory test result; and/or

- Exhibits symptoms (as defined below).
- People with COVID-19 have had a wide range of symptoms reported – ranging from mild symptoms to severe illness. Symptoms may appear 2-14 days after exposure to the virus. Anyone can have mild to severe symptoms. People with these symptoms may have COVID-19:
 - Fever or chills
 - Cough
 - Shortness of breath or difficulty breathing
 - Fatigue
 - Muscle or body aches
 - Headache
 - New loss of taste or smell
 - Sore throat
 - Congestion or runny nose
 - Nausea or vomiting
 - Diarrhea

The list above does not include all possible symptoms.

○ **Self-Quarantine of Persons Exposed to COVID-19 and Exemptions.**

All Orange County residents and visitors who know that they have been in close contact (within 6 feet of someone for a cumulative total of 15 minutes or more over a 24-hour period) with a person who has, or is suspected to have, COVID-19 and who do not have any symptoms (as defined above) shall take the following actions:

Not Fully Vaccinated Persons

- Stay in their home or another place of residence:

- For at least 10 days from the date of last contact with a person who has COVID-19 without testing; OR
- For at least 7 days with a negative COVID-19 diagnostic test result. Diagnostic specimen shall be collected on Day 5 or later from the date of last contact with person with COVID-19.
- The following persons shall quarantine themselves in their home or another place of residence for 14 days from the from the date of last contact with a person who has COVID-19:
 - All persons who reside or work in a high-risk congregate living setting (e.g., skilled nursing facilities, prisons, jails, shelters).
 - All persons who reside or work with severely immunosuppressed persons (e.g., Bone marrow or solid organ transplants, chemotherapy)

All persons quarantined as required above shall also take the following additional actions:

- Self-monitor for COVID-19 symptoms through Day 14 from the date of last contact with a person who has COVID-19 and if any symptoms develop during 14 days after the last date of close contact with a person with COVID-19, they shall immediately self-isolate themselves and contact the Orange County Health Care Agency or their healthcare provider and seek COVID-19 testing.
- Wear face coverings at all times through Day 14 and adhere to the face covering order specified in Section II, below, after Day 14;
- Perform frequent hand hygiene; and
- May not leave their place of quarantine during their quarantine period except to receive necessary medical care or to obtain such other goods or services necessary for their basic subsistence.

Exemptions

- **Asymptomatic Fully Vaccinated Persons.** Persons who are fully vaccinated for COVID-19 prior to their close contact with a person with COVID-19 and have not developed any symptoms (as defined above) since their exposure are not required to quarantine.
 - People are considered fully vaccinated for COVID-19:

- 14 days or more after they have received the second dose in a 2-dose series (Pfizer-BioNTech or Moderna); or
- 14 days or more after they have received a single-dose vaccine (Johnson and Johnson/Janssen).
- **Asymptomatic Persons Previously Infected.** If an exposed person tested positive for COVID-19 before their new, recent close contact with a person with COVID-19 and it has been less than 3 months since they started having symptoms from that previous infection (or since their first positive COVID-19 test if asymptomatic), they do not need to quarantine, as long as they have not had any new symptoms since their recent exposure to COVID-19.

All individuals who fall under any of the Exemptions, above, should also take the following additional actions:

- Test for COVID-19 5-7 days after last date of exposure (note: this recommendation does not apply to *Asymptomatic Previously Infected Individuals*).
 - If they test positive, they shall immediately self-isolate, as ordered above, and contact their healthcare provider with any questions regarding their care.
 - If they test negative, they shall continue monitoring their symptoms.
- Self-monitor for COVID-19 symptoms through Day 14 and if symptoms occur, immediately isolate as ordered above, they shall immediately self-isolate themselves and contact the Orange County Health Care Agency or their healthcare provider and seek COVID-19 testing.
- **Quarantine Exemption for Students in both Private and Public Transitional Kindergarten through Grade 12.**

Quarantine Duration for *Unvaccinated* Students:

- The following students shall quarantine, as stated under (2), below, if any of the following occur EITHER in the community OR in any indoor or at outdoor school settings, including on buses operated by public and private school systems:

- Either the student or person with COVID-19 (or both) was (were) NOT wearing face covering when they were within 6 feet of each other for a cumulative total of 15 minutes or more over a 24-hour period.
- Both student and person with COVID-19 were wearing face covering when they were within 6 feet of each other for a cumulative total of 15 minutes or more over a 24-hour period.
- If the student (as defined in Paragraph (A), above) remains asymptomatic (meaning they have NOT had any COVID-19 symptoms, as defined in this Order, above), the student may discontinue self-quarantine under the following conditions:
 - Quarantine can end after Day 10 from the date of last exposure without testing for COVID-19; OR
 - Quarantine can end after Day 7 if a test specimen (i.e., antigen diagnostic test, PCR/molecular diagnostic test, or pooled PCR/molecular test) is collected on or after Day 5 from the date of last exposure and the result is negative.
- All quarantined students from Day 1 through Day 14 shall:
 - Continue daily self-monitoring for symptoms through Day 14 from last known exposure; AND
 - Follow all recommended non-pharmaceutical interventions (e.g., wearing a mask when around others, hand washing) through Day 14 from the Day of last known exposure.
 - If any symptoms develop during this 14-day period, the exposed student shall immediately isolate as stated in this Order, above, get tested, and contact his or her healthcare provider with any questions regarding their care.
- **Exemption for Attending In-Person Instruction for Quarantined Unvaccinated Students – i.e., Modified Quarantine**

If unvaccinated student and person with COVID-19 were wearing face covering when they were within 6 feet of each other for a cumulative total of 15 minutes or more over a 24-hour period, the exposed student may continue to attend school for in-person instruction during the duration of his or her quarantine period as

specified in Paragraph (B), above, if the following conditions are met:

- The exposed student is asymptomatic; and
 - The exposed student continues to appropriately wear face covering; and
 - The exposed student undergoes at least twice weekly testing during his or her quarantine period (as specified in Paragraph (B), above); and
 - The exposed student refrains from participation in all extracurricular activities at school, including sports, and activities within the community setting for the duration of his or her quarantine period (as stated in (B), above). The exposed student may participate in all required instructional components of the school day, except activities where a mask cannot be worn, such as while playing certain musical instruments. The exposed student may also eat meals on campus; and
 - The exposed student complies with the conditions specified in Paragraph C, above
- **Acute Care Hospital Staff Shortage.** Acute care hospitals in collaboration with human resources and occupational health services that determine they are experiencing staff shortage and therefore are unable to provide safe patient care at their facilities may allow the following health care providers to continue to work onsite at their facilities throughout their 14-day exposure period: Asymptomatic health care providers, who are not fully vaccinated for COVID-19 and who have had a higher-risk exposure to COVID-19 but are not known to be infected. These health care providers shall be monitored for symptoms for COVID-19 and shall immediately isolate as consistent with the isolation order above if any symptoms develop (as defined above).

The above self-quarantine orders and exemptions DO NOT in any way restrict access by first responders to a quarantine site during an emergency.

Face-Covering Order:

1. **Wear a Cloth Face-Covering.** To help prevent the spread of droplets containing COVID-19, all County residents and visitors shall wear face coverings in accordance with and as required by the Guidance for the Use of Face Coverings issued by CDPH, effective July 28, 2021. The Guidance is attached herein as Attachment “A” and can be found

at: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/guidance-for-face-coverings.aspx>. The Guidance orders, as follows:

Masking Requirements.

Masks are required for **all individuals** in the following indoor settings, regardless of vaccination status:

- On public transit (examples: airplanes, ships, ferries, trains, subways, buses, taxis, and ride-shares) and in transportation hubs (examples: airport, bus terminal, marina, train station, seaport or other port, subway station, or any other area that provides transportation)
- Indoors in K-12 schools, childcare
- Emergency shelters [4] and cooling centers

Masks are required for **all individuals**, in the following indoor settings, regardless of vaccination status (and surgical masks are recommended):

- Healthcare settings
- State and local correctional facilities and detention centers
- Homeless shelters
- Long Term Care Settings & Adult and Senior Care Facilities

Additionally, masks are required for unvaccinated individuals in indoor public settings and businesses (examples: retail, restaurants, theaters, family entertainment centers, meetings, state, and local government offices serving the public).

Guidance for Businesses, Venue Operators or Hosts.

In settings where masks are required only for unvaccinated individuals, businesses, venue operators or hosts may choose to:

- Provide information to all patrons, guests and attendees regarding vaccination requirements and allow vaccinated individuals to self-attest that they are in compliance prior to entry.

- Implement vaccine verification to determine whether individuals are required to wear a mask.
- Require all patrons to wear masks.

No person can be prevented from wearing a mask as a condition of participation in an activity or entry into a business.

Exemptions to masks requirements.

The following individuals are exempt from wearing masks at all times:

- Persons younger than two years old. Very young children must not wear a mask because of the risk of suffocation.
- Persons with a medical condition, mental health condition, or disability that prevents wearing a mask. This includes persons with a medical condition for whom wearing a mask could obstruct breathing or who are unconscious, incapacitated, or otherwise unable to remove a mask without assistance.
- Persons who are hearing impaired, or communicating with a person who is hearing impaired, where the ability to see the mouth is essential for communication.
- Persons for whom wearing a mask would create a risk to the person related to their work, as determined by local, state, or federal regulators or workplace safety guidelines.

Face shields may be considered for members of the public who cannot wear a face covering due to a medical condition or other exemption, although they may not work as well as face coverings in their ability to prevent the spread of COVID-19 to others. A cloth “drape” should be attached to the bottom edge of the face shield and tucked into the shirt to minimize gaps between the face and face shield.

Vaccination and Testing for COVID-19 Orders:

0. **COVID-19 Vaccination for Workers and Service Providers of Certain Facilities.** To help prevent transmission of COVID-19, all workers who provide services or work in facilities described below shall comply with the vaccination requirements as set forth in the August 5, 2021, State Health Officer Order. A copy of the State Health Officer Order is attached herein as Attachment “B” and can be found at the following link:

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Health-Care-Worker-Vaccine-Requirement.aspx>

The State Health Officer Order orders, as follows:

All workers who provide services or work in facilities described below shall have their first dose of a one-dose regimen or their second dose of a two-dose regimen by September 30, 2021:

- General Acute Care Hospitals
- Skilled Nursing Facilities (including Subacute Facilities)
- Intermediate Care Facilities
- Acute Psychiatric Hospitals
- Adult Day Health Care Centers
- Program of All-Inclusive Care for the Elderly (PACE) and PACE Centers
- Ambulatory Surgery Centers
- Chemical Dependency Recovery Hospitals
- Clinics & Doctor Offices (including behavioral health, surgical)
- Congregate Living Health Facilities
- Dialysis Centers
- Hospice Facilities
- Pediatric Day Health and Respite Care Facilities
- Residential Substance Use Treatment and Mental Health Treatment Facilities

Two-dose vaccines include Pfizer-BioNTech or Moderna or vaccine authorized by the World Health Organization. The one-dose vaccine is Johnson and Johnson [J&J]/Janssen.

"Worker" refers to all paid and unpaid individuals who work in indoor settings where (1) care is provided to patients, or (2) patients have access for any purpose. This includes workers serving in health care or other health care settings who have the potential for direct or indirect exposure to patients or SARS-CoV-2 airborne aerosols. Workers include, but are not limited to, nurses, nursing assistants, physicians, technicians, therapists, phlebotomists, pharmacists, students and trainees, contractual staff not employed by the health care facility, and persons not directly involved in patient care, but who could be exposed to infectious agents that can be transmitted in the health care setting (e.g., clerical, dietary, environmental services, laundry, security, engineering and facilities management, administrative, billing, and volunteer personnel).

Exemption from Vaccination. Workers may be exempt from the vaccination requirements under only upon providing the operator of the facility a declination form, signed by the individual stating either of the following: (1) the worker is declining vaccination based on Religious Beliefs, or (2) the worker is excused from receiving any COVID-19 vaccine due to Qualifying Medical Reasons.

Eligibility for Qualified Medical Reasons Exemption. To be eligible for a Qualified Medical Reasons exemption, the worker must also provide to their employer a written statement signed by a physician, nurse practitioner, or other licensed medical professional practicing under the license of a physician stating that the individual qualifies for the exemption (but the statement should not describe the underlying medical condition or disability) and indicating the probable duration of the worker's inability to receive the vaccine (or if the duration is unknown or permanent, so indicate).

Condition of Entry into Facility for Exempted Workers. If an operator of facility deems a worker to have met the requirements of an exemption, the unvaccinated exempt worker must meet the following requirements when entering or working in such facility:

- Test for COVID-19 with either PCR or antigen test that either has Emergency Use Authorization by the U.S. Food and Drug Administration

or be operating per the Laboratory Developed Test requirements by the U.S. Centers for Medicare and Medicaid Services. Testing must occur twice weekly for unvaccinated exempt workers in acute health care and long-term care settings, and once weekly for such workers in other health care settings.

- Wear a surgical mask or higher-level respirator approved by the National Institute of Occupational Safety and Health (NIOSH), such as an N95 filtering facepiece respirator, at all times while in the facility.

1. **Requirements for COVID-19 Vaccination Status Verification, COVID-19 Testing, and Masking for Certain Facilities.** To help prevent transmission of COVID-19, all facilities described below shall comply with the State Health Officer Order, effective August 9, 2021. A copy of the State Health Officer Order is attached herein as Attachment “C” and can be found at the following link:

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Unvaccinated-Workers-In-High-Risk-Settings.aspx>

Acute Health Care and Long-Term Care Settings:

- General Acute Care Hospitals
- Skilled Nursing Facilities (including Subacute Facilities)
- Intermediate Care Facilities

High-Risk Congregate Settings:

- Adult and Senior Care Facilities
- Homeless Shelters
- State and Local Correctional Facilities and Detention Centers

Other Health Care Settings:

- Acute Psychiatric Hospitals
- Adult Day Health Care Centers
- Adult Day Programs Licensed by the California Department of Social Services

- Program of All-Inclusive Care for the Elderly (PACE) and PACE Centers
- Ambulatory Surgery Centers
- Chemical Dependency Recovery Hospitals
- Clinics & Doctor Offices (including behavioral health, surgical)
- Congregate Living Health Facilities
- Dental Offices
- Dialysis Centers
- Hospice Facilities
- Pediatric Day Health and Respite Care Facilities
- Residential Substance Use Treatment and Mental Health Treatment Facilities

2. **Requirements for COVID-19 Vaccine Status Verification and COVID-19 Testing for School Workers in Transitional Kindergarten through Grade 12.** To prevent the further spread of COVID-19 in K-12 school settings, all public and private schools serving students in transitional kindergarten through grade 12 shall comply with the State Health Officer Order, effective August 12, 2021, regarding verification of COVID-19 vaccination status and COVID-19 testing of all workers. A copy of the State Health Officer Order is attached herein as Attachment “D” and can be found at the following link:

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Vaccine-Verification-for-Workers-in-Schools.aspx>

This Order does not apply to (i) home schools, (ii) child care settings, or (iii) higher education.

3. **Local Correctional Facilities and Detention Centers Health Care Worker Vaccination Requirement.** To prevent the further spread of COVID-19 in local correctional facilities and detention centers, all individuals identified in the State Health Officer Order, effective August 19, 2021, regarding obtaining COVID-19 vaccination shall comply with the State Health Officer’s Order. A copy of the State Health Officer Order is attached herein as Attachment “E” and can be found at the following link:

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Correctional-Facilities-and-Detention-Centers-Health-Care-Worker-Vaccination-Order.aspx>

Visiting Acute Health Care and Long-Term Care Setting Order:

- **Requirements for Visiting Acute Health Care and Long-Term Care Settings.**
To help prevent transmission of COVID-19, all acute health care and long-term care settings shall comply with the indoor visitation requirements set forth in the State Health Officer, effective August 11, 2021. A copy of the State Health Officer Order is attached herein as Attachment “F” and can be found at the following link:

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Requirements-for-Visitors-in-Acute-Health-Care-and-Long-Term-Care-Settings.aspx>

Seasonal Flu Vaccination Order:

0. **Seasonal Flu Vaccination for Certain County Residents.** All individuals who reside or work in Orange County and fall under one of the following categories, shall obtain the seasonal flu vaccination unless a medical or religious exemption applies: (i) current providers for congregate settings; (ii) current health care providers; and (iii) current emergency responders. However, nothing herein shall be construed as an obligation, on the part of employers, public or private, to require employees obtain the seasonal flu vaccination as a term or condition of employment.
 - *Emergency responder* shall mean military or national guard; law enforcement officers; correctional institution personnel; fire fighters; emergency medical services personnel; physicians; nurses; public health personnel; emergency medical technicians; paramedics; emergency management personnel; 911 operators; child welfare workers and service providers; public works personnel; and persons with skills or training in operating specialized equipment or other skills needed to provide aid in a declared emergency; as well as individuals who work for such facilities employing these individuals and whose work is necessary to maintain the operation of the facility.
 - *Health care provider* shall mean physicians; psychiatrists; nurses; nurse practitioners; nurse assistants; medical technicians; any other person who is employed to provide diagnostic services, preventive services, treatment

services or other services that are integrated with and necessary to the provision of patient care and, if not provided, would adversely impact patient care; and employees who directly assist or are supervised by a direct provider of diagnostic, preventive, treatment, or other patient care services; and employees who do not provide direct health care services to a patient but are otherwise integrated into and necessary to the provision those services – for example, a laboratory technician who processes medical test results to aid in the diagnosis and treatment of a health condition. A person is not a health care provider merely because his or her employer provides health care services or because he or she provides a service that affects the provision of health care services. For example, IT professionals, building maintenance staff, human resources personnel, cooks, food services workers, records managers, consultants, and billers are not health care providers, even if they work at a hospital or a similar health care facility.

STRONG RECOMMENDATIONS

Effective immediately, and continuing until further notice, the following shall be in effect in unincorporated and incorporated territories in Orange County, California:

1. **For Vulnerable Population.** In general, the older a person is, the more health conditions a person has, and the more severe the conditions, the more important it is to take preventive measures for COVID-19 such as getting vaccinated, social distancing and wearing a mask when around people who don't live in the same household, and practicing hand hygiene. For more information, see <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-with-medical-conditions.html>.
2. **COVID-19 Vaccination for County Residents.** All Orange County residents should receive COVID-19 vaccination in accordance with the Federal Food and Drug Administration (FDA) and CDC guidance unless a medical contraindication applies. Minors, who are eligible to receive COVID-19 vaccination in accordance with the applicable CDC guidelines, should be vaccinated in the presence of their parent or legal guardian.
3. **Seasonal Flu Vaccination for County Residents.** All County residents who are six months of age or older should obtain the seasonal flu vaccination unless a medical or religious exemption applies.
4. **COVID-19 Vaccination and Testing for Emergency Medical Technicians, Paramedics and Home Healthcare Providers.** To help prevent transmission of COVID-19, it is strongly recommended that all Emergency Medical Technicians, Paramedics, and Home Healthcare Providers (including In Home Supportive Services Program workers) are fully vaccinated by September 30, 2021.

Furthermore, it is strongly recommended that all unvaccinated Emergency Medical Technicians, Paramedics, and Home Healthcare Providers (including In Home Supportive Services Program workers) undergo at least twice weekly testing for COVID-19 until such time they are fully vaccinated.

GENERAL PROVISIONS

1. The Orders and Strong Recommendations, above, shall not supersede any conflicting or more restrictive orders issued by the State of California or federal government. If any portion of this document or the application thereof to any person or circumstance is held to be invalid, the remainder of the document, including the application of such part or provision to other persons or circumstances, shall not be affected and shall continue in full force and effect. To this end, the provisions of the orders and strong recommendations are severable.
2. The Orders contained in this document may be enforced by the Orange County Sheriff or Chiefs of Police pursuant to California Health and Safety Code section 101029, and California Government Code sections 26602 and 41601. A violation of a health order is subject to fine, imprisonment, or both (California Health and Safety Code section 120295).

REASONS FOR THE ORDERS AND STRONG RECOMMENDATIONS

1. On February 26, 2020, the County of Orange Health Officer declared a Local Health Emergency based on an imminent and proximate threat to public health from the introduction of COVID-19 in Orange County.
2. On February 26, 2020, the Chairwoman of the Board of Supervisors, acting as the Chair of Emergency Management Council, proclaimed a Local Emergency in that the imminent and proximate threat to public health from the introduction of COVID-19 created conditions of extreme peril to the safety of persons and property within the territorial limits of Orange County.
3. On March 2, 2020, the Orange County Board of Supervisors adopted Resolutions No. 20-011 and No. 20-012 ratifying the Local Health Emergency and Local Emergency, referenced above.
4. On March 4, 2020, the Governor of the State of California declared a State of Emergency to exist in California as a result of the threat of COVID-19.
5. As of November 16, 2021, the County has reported a total of 309,428 recorded confirmed COVID-19 cases and 5,652 of COVID-19 related deaths.
6. Safe and effective authorized COVID-19 vaccines are recommended by the CDC. According to CDC, anyone infected with COVID-19 can spread it, even if they do NOT

have symptoms. The novel coronavirus is spread in 3 ways: 1) Breathing in air when close to an infected person who is exhaling small droplets and particles that contain the virus. 2) Having these small droplets and particles that contain virus land on the eyes, nose, or mouth, especially through splashes and sprays like a cough or sneeze.

3) Touching eyes, nose, or mouth with hands that have the virus on them.

See <https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/how-covid-spreads.html>.

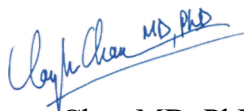
7. CDC requires face coverings on planes, buses, trains, and other forms of public transportation traveling into, within, or out of the United States and in U.S. transportation hubs such as airports and stations. See <https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/about-face-coverings.html>.
8. The CDPH issued a revised Guidance for the Use of Face Coverings, effective July 28, 2021, available at: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/guidance-for-face-coverings.aspx>
9. According to the CDC and CDPH, older adults, individuals with medical conditions, and pregnant and recently pregnant persons are at higher risk of severe illness when they contract COVID-19. See <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/index.html>; see also <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/PublicHealthGuidanceSelfIsolationforOlderAdultsandThoseWhoHaveElevatedRisk.aspx>.
10. The Orders and the Strong Recommendations contained in this document are based on the following facts, in addition to the facts stated under the foregoing paragraphs: (i) Safe and effective FDA authorized COVID-19 vaccines have become widely available, but many Orange County residents have not yet had the opportunity to be vaccinated, or have not completed their vaccination series to be fully vaccinated; (ii) there are currently limited therapeutic options proven effective that consistently prevents the severe illness associated with COVID-19; (iii) the current consensus among public health officials for slowing down the transmission of and avoiding contracting COVID-19 is for unvaccinated persons to avoid gathering and practice social distancing, frequently wash hands with soap, wearing face covering and get vaccinated; (iv) some individuals who contract COVID-19 have no symptoms or have only mild symptoms and so are unaware that they carry the virus and are transmitting it to others; (v) current evidence shows that the novel coronavirus can survive on surfaces and can be indirectly transmitted between individuals; (vi) older adults and individuals with medical conditions are at higher risk of severe illness; (vii) sustained COVID-19 community transmission continues to occur; (viii) the age, condition, and health of a significant portion of Orange County's residents place them at risk for serious health complications, including hospitalization and death, from COVID-19; (ix) younger and otherwise healthy people are also at risk for serious negative health outcomes and for transmitting the novel coronavirus to others.
11. The orders and strong recommendations contained in this document are necessary and less restrictive preventive measures to control and reduce the spread of COVID-19 in

Orange County, help preserve critical and limited healthcare capacity in Orange County and save the lives of Orange County residents.

12. The California Health and Safety Code section 120175 requires the County of Orange Health Officer knowing or having reason to believe that any case of a communicable disease exists or has recently existed within the County to take measures as may be necessary to prevent the spread of the disease or occurrence of additional cases.
13. The California Health and Safety Code sections 101030 and 101470 require the county health officer to enforce and observe in the unincorporated territory of the county and within the city boundaries located with a county all of the following: (a) Orders and ordinances of the board of supervisors, pertaining to the public health and sanitary matters; (b) Orders, including quarantine and other regulations, prescribed by the department; and (c) Statutes relating to public health.
14. The California Health and Safety Code section 101040 authorizes the County of Orange Health Officer to take any preventive measure that may be necessary to protect and preserve the public health from any public health hazard during any “state of war emergency,” “state of emergency,” or “local emergency,” as defined by Section 8558 of the Government Code, within his or her jurisdiction. “Preventive measure” means abatement, correction, removal, or any other protective step that may be taken against any public health hazard that is caused by a disaster and affects the public health.
15. The California Health and Safety Code section 120130 (d) authorizes the County of Orange Health Officer to require strict or modified isolation, or quarantine, for any case of contagious, infectious, or communicable disease, when such action is necessary for the protection of the public health.

IT IS SO ORDERED:

Date: November 17, 2021



Clayton Chau MD, PhD
County Health Officer
County of Orange

Memorandum

6.M.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors, SOCWA
FROM: Betty Burnett, General Manager
STAFF CONTACT: Danita Hirsh, Executive Assistant
SUBJECT: Consideration of Approval of Various Unapproved Minutes, Disbursements and Financial Reports

Summary/Discussion

At the November 4, 2021 Board of Directors meeting the Chair gave direction to staff to prepare a summary of the West Yost services to indicate the payments made, the month of disbursements, the actions taken by the Finance Committee to approve the disbursements and the minutes reflecting such actions. Attachment "A" hereto is a summary of the activity as requested, and the Attachment "A" has been sent to all Board members on November 9 and 10th. Attachment "A" includes:

- invoices paid
- the remaining balance unpaid of the original \$238,815 amount
- the invoices received and unpaid amounts
- the month invoices were paid
- the month of the disbursements submittal to Finance Committee
- the date of the Finance Committee recommendation to the Board to approve the disbursements
- the date of the Board meetings for consideration to act on the Finance Committee recommendations, and
- the minutes reflecting Finance Committee recommendations

The various open items pending Board action are as follows:

- a. Recommendations to approve various Minutes, Disbursements and Financial Reports

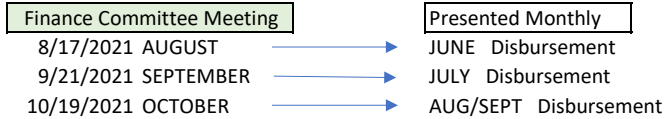
- Minutes of the Regular Meeting of September 2, 2021
 - **Board requested action is to approve the Minutes**
 - Includes recording of the Board vote on 9/2 to ratify the June 2021 disbursements, which included payments to West Yost
- Minutes of the Finance Committee of September 21, 2021
 - **Board requested Action is to "receive and file"**
 - Includes the approved recommendation of the Finance Committee to the Board to ratify the July 2021 disbursements
- Financial Reports for the Month of July 2021
 - **Board requested action is to approve the disbursements and receive and file the reports**

- Includes disbursements that included West Yost Payments
- Finance Committee previously recommended to the Board to approve the disbursements (at 9/21/21 Fin Com Meeting)
- Financial Reports for the Month of August 2021
 - **Board requested to approve the disbursements and receive and file the reports**
 - Includes disbursements that included West Yost Payments
 - Finance Committee previously recommended to the Board to approve the disbursements (at the 10/19/21 Fin Com Meeting)
- Minutes of the Finance Committee of October 19, 2021
 - **Board requested Action is to “receive and file”**
 - Includes the approved recommendation of the Finance Committee to the Board to ratify the August 2021 disbursements

Recommended Action: Following discussion with General Counsel on the status of the West Yost matter, Staff recommends the Board consider to take action to approve the above minutes, referenced disbursements and receive and file related reports.

Attachment "A" - West Yost Contract, Disbursement, and Approval

Original Amount	\$	238,815.00		
Invoices Paid	\$	45,119.10		
	\$	58,312.25		
	\$	33,500.75		
	\$	48,455.25		
Invoice Not Paid	\$	16,527.25	On Hold per Directing Chair at 10/7/21 meeting	(invoice received 8/31/21)
	\$	5,311.75	On Hold per Directing Chair at 10/7/21 meeting	(invoice received 9/21/21)
Remaining Bal.	\$	31,588.65		



INVOICE	PAID	MONTH DISBURSEMENT	AMOUNT	FINANCE COMMITTEE DATE	APPROVED?	BD DATE	REC'D AND FILED?
5044725	5/25/2021	June	\$ 45,119.10	8/17/2021	Yes	9/2/2021	YES *
2045049	7/15/2021	July	\$ 58,312.25	9/21/2021	Yes	10/7/2021	NO
2045390	7/15/2021	July	\$ 33,500.75	9/21/2021	Yes	10/7/2021	NO
2045739	8/16/2021	August	\$ 48,455.25	10/19/2021	Yes	11/4/2021	NO **

Dir. Dopudja abstained

Only Sept. was rec'd and filed

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

DRAFT

6.M.2.

Board of Directors

September 2, 2021

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors was held on September 2, 2021, at 8:30 a.m. at 26880 Aliso Viejo Parkway, Aliso Viejo, California, and via Zoom. The following members of the Board of Directors were present in-person and via Zoom Meeting:

**DAN FERONS	Santa Margarita Water District	Director (in-person)	[arrived @ 8:44 a.m.]
*TONI ISEMAN	City of Laguna Beach	Director (Zoom)	[arrived @ 8:38 a.m.]
KATHRYN FRESHLEY	El Toro Water District	Director (in-person)	
MIKE DUNBAR	Emerald Bay Service District	Director (in-person)	
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director (in-person)	
KEVIN BURTON	Irvine Ranch Water District	Alternate Director (in-person)	
DAVE REBENSORF	City of San Clemente	Director (Zoom)	[arrived @ 8:39 a.m.]
SCOTT GOLDMAN	South Coast Water District	Director (in-person)	
HOWARD HART	City of San Juan Capistrano	Alternate Director (Zoom)	[arrived @ 8:36 a.m.]
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director (in-person)	
*DAVID SHISSLER	City of Laguna Beach	Alternate Director (in-person)	Due to intermittent connection to Zoom, Director Iseman exited at 8:53 a.m., and deferred to Alternate Director Shissler as representative of City of Laguna Beach.
**DON BUNTS	Santa Margarita Water District	Alternate Director (Zoom)	Alternate Director Bunts was in attendance for Roll Call representing Santa Margarita Water District.

Staff Present:

BETTY BURNETT	General Manager
JIM BURROR	Director of Operations
MARY CAREY	Finance Controller
JASON MANNING	Director of Engineering
AMBER BAYLOR	Director of Environmental Compliance
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law
BRAD NEUFELD	Varner & Brandt Law

1. CALL TO ORDER

Chairman Collings called the meeting to order at 8:31 a.m.

2. PLEDGE OF ALLEGIANCE – Director Kathryn Freshley

3. ORAL COMMUNICATIONS

None

4. CONSENT CALENDAR

Agenda items 4E 4N, and 4O were pulled for further clarifications.

ACTION TAKEN

Motion was made by Director Freshley and seconded by Director Dunbar to approve the remainder of the Consent Calendar Agenda items as follows:

(4A through 4D, and 4F through 4M)

- 4A. Minutes of Board Meeting August 5, 2021
- 4B. Minutes of Finance Committee June 15, 2021
- 4C1. Minutes of Engineering Committee May 13, 2021
- 4C2. Minutes of Engineering Committee June 10, 2021
- 4D. Minutes of Engineering Committee/PC 2 Committee July 13, 2021
- 4F. Preliminary FY 2021-21 Cash Roll Forward as of June 30, 2021
- 4G. Actuarial Valuation Report on Retiree Health Program as of December 31, 2020
- 4H. Approval of PC 23 Budget Adjustment for Legal
- 4I. PC 5 Budget Adjustment in the amount of \$24,000
- 4J. July 2021 Operations Reports
- 4K. Rockwell TechConnect Support Agreement Renewal (via OneSource Distributors, Inc. \$51,411.21 [Project Committee 2, 15, and 17])
- 4L. Capital Improvement Program Status Report
- 4M. Capital Improvement Program Project Financial Status Report [Project Committees 2, 15, 17]

Motion carried: Aye 9, Nay 0, Abstained 0, Absent 1

Director Dunbar	Aye
Director Freshley	Aye
Director Dopudja	Aye
Director Collings	Aye
Director Burton	Aye
Director Shissler	Aye
Director Bunts	Aye
Director Goldman	Aye
Director Hart	Aye
Director Rebensdorf	Absent

4E. Preliminary Financial Reports for the Fiscal Year Ended June 30, 2021

Director Dopudja pulled agenda item 4E to check with legal counsel to weigh in and to make sure on the disbursements that there was no potential conflict of interest.

Ms. Burnett, General Manager stated she could not verify at this moment what is in the disbursements.

Director Dopudja stated he would just abstain.

Ms. Adriana Ochoa, legal counsel from Procopio law stated that out of an abundance of caution for perspective conflict of interest purposes, Director Dopudja can recuse himself from voting on agenda item 4E of the Consent Calendar. Ms. Ochoa also stated she would work with Betty Burnett to assure staff flags perspective issues that they are aware of in the future.

Director Dopudja asked, for a recusal wouldn't I need to not be part of the discussion and walk out of the room?

Ms. Ochoa responded yes, you can stand up and leave the room.

Director Dopudja stated he couldn't do that now, and noted he think an abstention is the appropriate response to be accurately reflected, and in the future, he will walk out of the room.

ACTION TAKEN

Motion was made by Director Ferons and seconded by Director Dunbar to ratify the June 2021 disbursements for the period from June 1, 2021, through June 30, 2021, totaling \$2,157,842, and to receive and file the June 2021 Financial Reports as submitted.

Motion carried: Aye 8, Nay 0, Abstained 1, Absent 1
Director Dunbar Aye
Director Freshley Aye
Director Dopudja Abstain
Director Collings Aye
Director Burton Aye
Director Shissler Aye
Director Ferons Aye
Director Goldman Aye
Director Hart Aye
Director Rebensdorf Absent

- 4N. Coastal Treatment Plant Export Sludge Force Main Replacement Project Geotechnical Services During Construction Change Order [Project Committee 15]

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Shissler approve the Ninyo & Moore change order in the amount of \$43,166 for a total revised contract amount of \$108,956 for the geotechnical services during construction for the Coastal Treatment Plant Export Sludge Force Main Replacement Project.

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

- 4O. Resolution No. 2021-06 Resolution of Commendation to Keith Bacon

ACTION TAKEN

Motion was made by Director Freshley and seconded by Director Ferons to adopt Resolution No. 2021-06 and authorize Chairman Collings to sign the Commendation on behalf of the Board of Directors of the South Orange County Wastewater Authority.

Motion carried: Aye 10, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Dopudja Aye
Director Collings Aye

Director Burton	Aye
Director Iseman	Aye
Director Ferons	Aye
Director Goldman	Aye
Director Hart	Aye
Director Rebensdorf	Aye

5. GENERAL MANAGER'S REPORTS

- A. Small Capital JBL Digester Nos. 1 and 2 Manway Access Improvements General Manager Authorization [Project Committee 2]

ACTION TAKEN

Motion was made by Director Ferons and seconded by Director Collings to establish a small capital project items budget up to \$385,000 with a 10% contingency for a total budget of \$423,000 for Digester Nos. 1 and 2 Manway Access Improvements; and authorize the General Manager to award and execute contracts for the Digester Nos. 1 and 2 Manway Cutouts, Manway Frames and Covers Fabrication, Manway Installation and Grouting, and Digester Internal Coating Repairs.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 0
	Director Dunbar Aye
	Director Collings Aye
	Director Iseman Aye
	Director Goldman Aye
	Director Hart Aye

- B. Board Workshop

1. Report of Ad Hoc Committee on Wastewater Alternatives

Ad Hoc Members: El Toro Water District
Moulton Niguel Water District
Santa Margarita Water District
South Coast Water District

Director Collings gave a PowerPoint presentation on the Evaluation of Wastewater Treatment Operational Structures attached herein.

This was an information item; no action was taken.

2. General Counsel Report – Update on JPA Revision Process

Ms. Adriana Ochoa of Procopio Law updated the Board on the current status of the revisions proposed to the JPA. She stated an All-Hands meeting will be scheduled in the near future for further discussion.

This was an information item; no action was taken.

3. IRWD Update on Withdrawal Request & Presentation

Mr. Burton gave an update of IRWD's proposed actions to withdraw from SOCWA's JPA. He shared IRWD's proposed Draft Wastewater Capacity Agreement, Draft Withdrawal Agreement from South Orange County Wastewater Authority, and Term Sheet.

This was an information item; no action was taken.

4. SOCWA General Counsel Comments

No further comments were provided.

The Board convened to Closed Session at 11:31 a.m.
The Board reconvened to Open Session at 11:57 a.m.

6. CLOSED SESSION

A Closed Session Conference was held with Legal Counsel regarding an Anticipated Litigation - Significant exposure to litigation pursuant to Government Code Section § 54956.9(d)(2): 1 matter.

There were no reportable actions out of Closed Session.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 11:57 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Board of Directors on September 2, 2021 and approved by the Board of Directors of the South Orange County Wastewater Authority.

Betty Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Evaluation of Wastewater Treatment Operational Structures

Task Force Members:

El Toro Water District

Moulton Niguel Water District

Santa Margarita Water District

South Coast Water District

What are we looking to accomplish today?

- Background – How did we get here?
- What will the presentation cover?
- What are the next steps?
 - Request to SOCWA staff to work with task force
 - Provide regular updates to the SOCWA Board and Member Agencies
 - Bring back an evaluation of alternative options in early 2022



Why evaluate the alternative approaches now?

- Governing Agreements
 - 50-year old project agreements are expiring
 - Project agreements need to be extended/renegotiated
 - JPA agreement is currently up for discussion/review
- Member Agency changes impacting Organizational Structure
 - IRWD request to withdrawal
 - SJC annexation to SMWD
 - Varied needs moving forward

A brief history of wastewater treatment in South OC

- AWMA and SERRA were formed in the 1970s
- Purpose was to receive federal funding
 - Constructed Coastal, JB Latham, and Regional Treatment Plants in late 70s/early 80s
- AWMA assumed operations of Coastal and Regional in 1990s
- SOCRA was formed to support regional permitting for recycled water use
- In 2001, the three agencies were combined to form SOCWA to improve administrative efficiencies

What are potential operating structures?

- Option #1 – Maintain similar operating structure
 - Are there opportunities to increase efficiency?
- Option #2 – Transition operating requirements; Assets reside with Operating Agency
 - Similar to Baker WTP, JRWSS, Plant 3A
 - Project Agreement to define decision-making and operation
- Option #3– Transition operating requirements; Assets continue to reside with SOCWA:
 - Similar structure to previous AWMA
 - Joint Powers Authority would remain to define governance and operation
 - Will require operating agreement to define operating agency responsibility
 - Need to address alignment of ownership/cost and decision-making/risk

What is the anticipated process of the evaluation?

- Components would follow previous work product from task force presented to SOCWA Board
- Efforts would be led by interested parties
 - Working closely with SOCWA staff and task force members
 - Need to obtain data and information from SOCWA to develop evaluation
- Regular updates provided to the SOCWA Board
 - Opportunity for feedback or questions
- Potential for technical support by third parties, as identified
- Draft for discussion in early 2022
- Updated JPA and PC Agreements by June 2022



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

6.M.2.

Finance Committee

September 21, 2021

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on September 21, 2021 at 10:30 a.m. 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 Teams Meeting:

DAN FERONS	Santa Margarita Water District	Director
DAVID SHISSLER	City of Laguna Beach	Alternate Director [arrived @ 10:33 a.m.]
DENNIS CAFFERTY	El Toro Water District	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Director
PAMELA ARENDS-KING	South Coast Water District	Alternate Director

Absent:

SERGIO FARIAS	City of San Juan Capistrano	Director
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Staff Participation:

BETTY BURNETT	General Manager
AMBER BAYLOR	Director of Environmental Compliance
JASON MANNING	Director of Engineering
JIM BURROR	Director of Operations
MARY CAREY	Finance Controller
KONSTANTIN SHILKOV	Senior Accountant
NADYN KIM	Accountant
ANNA SUTHERLAND	Accounts Payable
DAVID BARANOWSKI	Senior Engineer
RONI YOUNG	Associate Engineer
JEANETTE COTINOLA	Contracts/Procurement Administrator
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Participating:

ADRIANA OCHOA	Procopio Law Firm
MARY BETH REDDING	Bartel & Associates
KATHRYN FRESHLEY	El Toro Water District
TREVOR AGRELIUS	Moulton Niguel Water District
SHERRY WANNINGER	Moulton Niguel Water District
GAVIN CURRAN	City of Laguna Beach
JASON HAYDEN	El Toro Water District
EILEEN LIN	Irvine Ranch Water District
KEN DOMER	City of Laguna Beach

1. Call Meeting to Order

Chairman Ferons called the meeting to order at 10:32 a.m.

2. Public Comments

None

3. Approval of Minutes

- Finance Committee Meeting of August 17, 2021

ACTION TAKEN

Motion was made by Director Arends-King and seconded by Director Ferons to approve Finance Committee Meeting Minutes for August 17, 2021 as submitted.

Motion carried:	Aye 4, Nay 0, Abstained 1, Absent 1
	Director Ferons Aye
	Director Shissler Abstain
	Director Farias Absent
	Director Cafferty Aye
	Director Collings Aye
	Director Arends-King Aye

4. Financial Reports for the Month of July 2021

Ms. Burnett noted for the record to inform the Board of any items in the disbursements that related to payments to the West Yost contract. She commented that the July disbursements does contain disbursements to West Yost and would appear on the Consent Calendar allowing Director Dopudja to recuse or abstain as he appropriately elects.

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Shissler to recommend to the Board of Directors to ratify the July 2021 disbursements for the period of July 1 through July 31, 2021, totaling \$6,771,917, and to receive and file the July 2021 Financial Reports as submitted.

Motion carried:	Aye 5, Nay 0, Abstained 0, Absent 1
	Director Ferons Aye
	Director Shissler Aye
	Director Farias Absent
	Director Cafferty Aye
	Director Collings Aye
	Director Arends-King Aye

5. Draft GASB 75, OPEB/Retiree Health, Report for the Fiscal Year Ended June 30, 2021

Ms. Carey reported on the OPEB/Retiree Health for the period of December 31, 2020 to the Fiscal Year Ended June 30, 2021.

As recommended by staff, the Finance Committee reviewed the report as an information item; no action was taken.

6. CalPERS Pension Plan and OPEB (Retiree Health) Unfunded Termination Liabilities Calculation for an individual Agency-Draft Template and Assumptions

Ms. Mary Beth Redding of Bartels & Associates gave a PowerPoint presentation (see pages 22 thru 72 of the Finance Committee Agenda Packet) on the GASB 74/75 Actuarial Valuation for Fiscal Year Ending June 30, 2021. An open discussion ensued.

This was an information item; no action was taken.

7. Uniform Purchasing Policy and Procedure – Nondiscretionary Spending

Ms. Burnett, General Manager stated this has been a long-standing open item and Directors indicated they are interested in adjustments to the Uniform Purchasing Policy and Procedure having to do with non-discretionary spending. The staff report captures input from Director Collings providing the way in which MNWD looks at authority to spend. Ms. Burnett also stated Director Ferons has talked about concerns over breaking contracts up into small pieces for the same purchase in the same time period. The item is brought now to give the Finance Committee Directors an opportunity to comment on Exhibit 2. She noted there was no change to the Exhibit 2 language the last time the Policy was formerly amended.

Ms. Burnett also stated Director Cafferty had comments and thoughts on the subject which she would like to get again so as to make some progress moving forward on what will help the Board to feel secure that staff is spending within authorization of the Board.

Ms. Burnett noted that if Board Members desire to select or approve particular kinds of vendors or services those could be identified by the Committee. Staff is requesting comments from the Committee members to help identify changes desired. An open discussion ensued.

Director Collings stated the fundamental question for him is if there is discretion as to who the vendor is that we're utilizing to provide a service then it should not be considered non-discretionary. He continued stating there isn't discretion as to paying the San Diego Gas & Electric bill, but who provides your landscape maintenance services is very much an action of discretion that the Board should approve if it's over \$50k. He stated historically the Board has approved the Landscape Contract and that he didn't understand its listing in Exhibit 2 as nondiscretionary if you're already bringing it to the Board for approval.

Director Collings noted that as to the general definition the term nondiscretionary would apply to items that you do not have the discretion to change the vendor or who you're writing the check to or in such case things like insurance and legal counsel are things that generally are long standing items that require a lot of lead up to change. Another example would be software license agreements. You're not going to change your Blackbaud. That is nondiscretionary until you decide to change out Blackbaud because that's such a huge lead item. Director Collings stated that is how he looks at, and in his mind makes sense, but is open to discussion and comments on that. An open discussion ensued.

Director Ferons stated he is in agreement commenting that past practice has been to bring back the landscape contracts, and the chemical contracts. He noted where the discretion comes in is not necessarily in selecting the vendor and contractor in that annual amount. He noted once you have a chlorine vendor and going to purchase the amount of chlorine to use to run the plant, your point is selection based on unit prices is linked to the contract.

It's all of those variables once that is established. If you have a three-year contract, then in years two and three you don't need to approve that contract because you already know the unit price was established in those years as much as possible. An open discussion ensued.

Director Arends-King stated she also agrees with Director Collings and Director Ferons. She stated when she read through discretionary and nondiscretionary in the SOCWA Purchasing Policy it was a bit confusing. She stated her interpretation of discretionary and nondiscretionary falls in line with what Director Collings previously stated, and that Director Ferons was also correct. Director Arends-King stated if you have a three-year contract with chemicals or landscaper and you went out to bid and got the best price, then you know what that is and approved a three-year contract. She noted it's still discretionary because you went out and got bids with that vendor and you have the contract. It becomes nondiscretionary because you have a three-year contract. She commented that she would be more inclined to agree with Director Collings viewpoint on the policy vs. what's in it now. An open discussion ensued.

Director Cafferty stated he also agreed with Director Collings comments. He stated if it's something that you're choosing between vendors whether it its landscaping, there is a variety of the facilities maintenance agreements that could be of any different vendors that has some sort of process to select from, and for those contracts to exceed \$50k, he would expect they would go to the Board for approval. Director Cafferty also agreed that some of those services maybe not all is not going to make sense to bid them every year. He commented that it is a common practice to bring it to the Board even on a continuing contract but you can set that up as part of the budget process to acknowledge that certain of those services through the budget are assuming the continuation of an existing contract so it doesn't have to come back as an individual action item. Director Cafferty stated I think we're all saying the same thing but the kind of fundamental point Director Collings makes about the ability to choose between different vendors if it exceeds the purchasing authority of the General Manager then the Board should approve it. An open discussion ensued.

Director Ferons directed Ms. Burnett, General Manager to take the comments provided and do a revised mark-up to the purchasing policy for the Finance Committee to review.

This was an information item; no action was taken.

Adjournment

There being no further business, Chairman Ferons adjourned the meeting at 11:59 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 Finance Committee of September 21, 2021 and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Betty Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

6.M.3.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Financial Reports for the Month of July 2021

Summary/Discussion

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

The reports included are as follows:

- a. Summary of Disbursements for July 2021 (Exhibit A)
- b. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
- c. Schedule of Cash and Investments (Exhibit C)
- d. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
- e. Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

Fiscal impact

July 2021 cash disbursements were: \$ 6,771,917.

- 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 to the Board of Directors to ratify the July 2021 disbursements for the period from July 1, 2021, through July 31, 2021, totaling \$6,771,917, and to receive and file the July 2021 Financial Reports as submitted.

Exhibit A

**South Orange County Wastewater Authority
Summary of Disbursements for July 2021
Staff Recommendation of Fiscal Matters**

	<u>Actual¹</u>
General Fund	\$ (1,926,019)
PC 2 - Jay B. Latham Plant	(1,370,713)
PC 5 - San Juan Creek Ocean Outfall	(51,111)
PC 8 - Pretreatment Program	(11,669)
PC 12 SO - Water Reclamation Permits	(144,822)
PC 15 - Coastal Treatment Plant/AWT	(2,326,489)
PC 17 - Joint Regional Wastewater Reclamation	(899,510)
PC 21 - Effluent Transmission Main	(22,862)
PC 23 - North Coast Interceptor	(318)
PC 24 - Aliso Creek Ocean Outfall	(18,403)
Total	<u><u>\$ (6,771,917)</u></u>

¹ Disbursements increased \$4.6 million over the prior month, primarily due to the following:

CalPERS UAL payment of \$1.2 million for FY 21-22

PCL Construction, \$1.4 million

Olsson Construction, \$615 thousand

Filanc Construction, \$413 thousand.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of July 31, 2021**

CASH IN BANK: (BEGINNING BAL.)	\$	1,271,925
L.A.I.F. FUNDS: (BEGINNING BAL.)		13,927,065
DEPOSITS, TRANSFERS & ADJUSTMENTS:		2,032,791
FUND REQUIREMENTS:		
BILLS FOR CONSIDERATION ¹		<u>(6,771,917)</u>
TOTAL CASH IN BANK	\$	<u>10,459,864</u>

¹ GL postings.

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

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

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

Betty Burnett
General Manager

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 08/13/21



PMIA Average Monthly Effective Yields⁽¹⁾

Jul	0.221
Jun	0.262
May	0.315

Quarterly Performance Quarter Ended 06/30/21

LAIF Apportionment Rate ⁽²⁾ :	0.33
LAIF Earnings Ratio ⁽²⁾ :	0.0000897371743018
LAIF Fair Value Factor ⁽¹⁾ :	1.00008297
PMIA Daily ⁽¹⁾ :	0.22%
PMIA Quarter to Date ⁽¹⁾ :	0.30%
PMIA Average Life ⁽¹⁾ :	291

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 07/31/21 \$181.8 billion

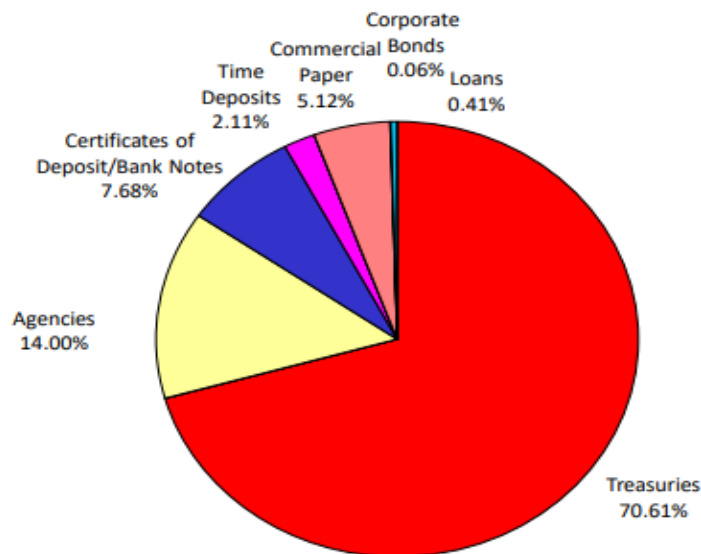


Chart does not include 0.01% of mortgages. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

Exhibit C

**South Orange County Wastewater Authority
Schedule of Cash and Investments
as of July 31, 2021**

MVA	\$ 413,414	(A)
A/P Checking	1,420,184	(B)
Payroll Checking	26,901	(C)
State LAIF	8,599,365	(D)
Total Cash in Bank	\$ 10,459,864	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 10,461,464	
OPEB Trust	6,681,045	(F)
Total Cash and Investments	\$ 17,142,509	

Notes:

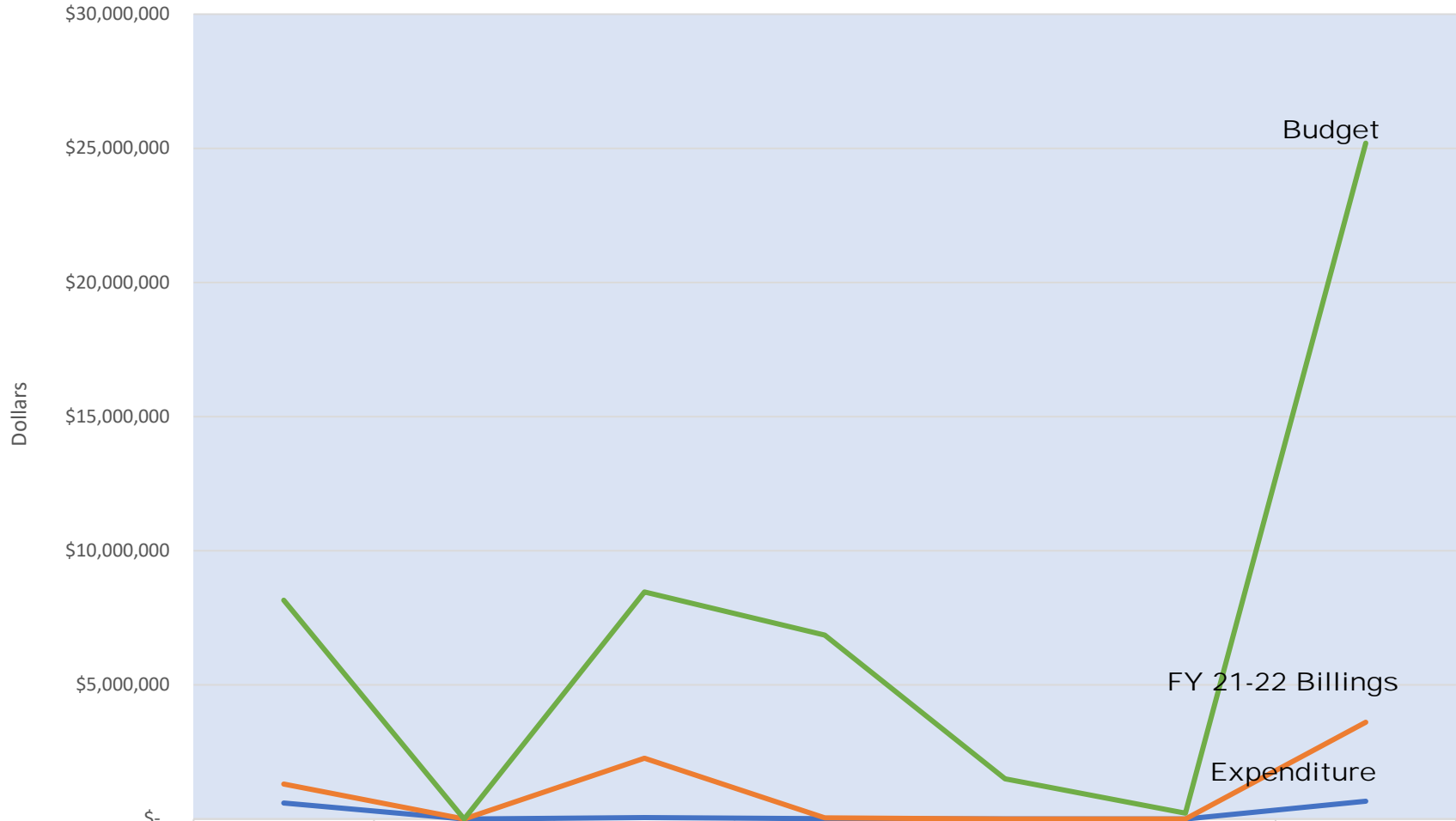
- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
- (C) Payroll including payroll taxes and related 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, 2021
(in dollars)**

FY 2021-22 Budget vs. Actual Spending								
<u>Description</u>	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 8,153,937	\$ 591,461	\$ 7,562,476	7.3%	\$ 1,303,750	\$ -	\$ 1,303,750	45.4%
PC 5-San Juan Creek Outfall	-	-	-	-	-	-	-	-
PC 15-Coastal	8,464,653	53,677	8,410,976	0.6%	2,264,999	67,611	2,197,388	2.4%
PC 17-Regional	6,851,959	12,899	6,839,060	0.2%	38,249	4,050	34,199	-
PC 21 Effluent Transmission	1,502,000	4,979	1,497,021	0.3%	-	-	-	-
PC 24 Aliso Creek Outfall	220,000	-	220,000	0.0%	-	-	-	-
Total Large Capital	\$ 25,192,549	\$ 663,016	\$ 24,529,533	2.6%	\$ 3,606,998	\$ 71,661	\$ 3,535,337	18.4%
Non-Capital Engineering	405,871	-	405,871	0.0%	25,000	746	24,254	0.0%
Non-Capital Misc Engineering	254,500	12,057	242,443	4.7%	6,000	1,260	4,740	200.9%
Small Internal Capital	2,061,000	122,206	1,938,794	5.9%	515,250	19,103	496,147	23.7%
Total Capital	\$ 27,913,920	\$ 797,278	\$ 27,116,642	2.9%	\$ 4,153,248	\$ 92,770	\$ 4,060,478	19.2%

Large Capital Projects Fiscal Year '21-22 Budget vs. Year-to-Date Expenditures & Billings as of 7/31/2021

Exhibit D-1



	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 7/31/21	\$591,461	-	\$53,677	\$12,899	\$4,979.18	-	\$663,016
FY 21-22 Billings	\$1,303,750	-	\$2,264,999	\$38,249	-	-	\$3,606,998
Capital Budget 21-22	\$8,153,937	-	\$8,464,653	\$6,851,959	\$1,502,000	\$220,000	\$25,192,549

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary
 For the Period Ended July 31, 2021
 (in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
5000-*	Regular Salaries-O&M	4,847,168	369,092	4,478,076	7.6%
5001-*	Overtime Salaries-O&M	107,256	9,249	98,007	8.6%
5306-*	Scheduled Holiday Work	91,000	12,011	78,989	13.2%
5315-*	Comp Time - O&M	15,980	3,419	12,561	21.4%
5401-*	Fringe Benefits IN to PC's & Depts.	2,511,460	191,278	2,320,182	7.6%
5700-*	Standby Pay	67,600	5,720	61,880	8.5%
	Total Payroll Costs	7,640,464	590,769	7,049,695	7.7%
Other Expenses					
5002-*	Electricity	1,170,780	111,259	1,059,521	9.5%
5003-*	Natural Gas	226,008	24,569	201,439	10.9%
5004-*	Potable & Reclaimed Water	85,000	4,730	80,270	5.6%
5005-*	Co-generation Power Credit	(686,000)	(93,122)	(592,878)	13.6%
5006-*	Chlorine/Sodium Hypochlorite	502,008	53,630	448,378	10.7%
5007-*	Polymer Products	747,004	108,707	638,297	14.6%
5008-*	Ferric Chloride	588,004	49,122	538,882	8.4%
5009-*	Odor Control Chemicals	107,016	11,185	95,831	10.5%
5010-*	Other Chemicals - Misc.	2,004	-	2,004	-
5011-*	Laboratory Services	65,196	948	64,248	1.5%
5012-*	Grit Hauling	120,000	6,415	113,585	5.3%
5013-*	Landscaping	219,008	10,627	208,381	4.9%
5015-*	Management Support Services	475,000	1,347	473,653	0.3%
5016-*	Audit - Environmental	1,304	-	1,304	-
5017-*	Legal Fees	48,612	-	48,612	-
5018-*	Public Notices/ Public Relations	6,000	-	6,000	-
5019-*	Contract Services Misc.	277,016	-	277,016	-
5021-*	Small Vehicle Expense	23,080	1,483	21,597	6.4%
5022-*	Miscellaneous Expense	16,012	-	16,012	-
5023-*	Office Supplies - All	46,008	1,272	44,736	2.8%
5024-*	Petroleum Products	34,008	-	34,008	-
5025-*	Uniforms	70,996	5,671	65,325	8.0%
5026-*	Small Vehicle Fuel	22,656	65	22,591	0.3%
5027-*	Insurance - Property/Liability	317,684	14,624	303,060	4.6%
5028-*	Small Tools & Supplies	80,000	3,883	76,117	4.9%
5030-*	Trash Disposal	8,500	308	8,192	3.6%
5031-*	Safety Program & Supplies	119,344	10,099	109,245	8.5%
5032-*	Equipment Rental	7,004	1,509	5,495	21.6%
5033-*	Recruitment	2,500	-	2,500	-
5034-*	Travel Expense/Tech. Conferences	29,928	-	29,928	-
5035-*	Training Expense	47,996	4,056	43,940	8.5%
5036-*	Laboratory Supplies	124,400	7,773	116,627	6.2%
5037-*	Office Equipment	25,992	699	25,293	2.7%
5038-*	Permits	489,996	18,743	471,253	3.8%
5039-*	Membership Dues/Fees	17,872	687	17,185	3.8%
5044-*	Offshore Monitoring	151,000	3,339	147,662	2.2%
5045-*	Offshore Biochemistry - 20B	23,024	-	23,024	-
5046-*	Effluent Chemistry	70,000	52	69,948	0.1%
5047-*	Access Road Expenses	45,000	-	45,000	-
5048-*	Storm Damage	21,000	-	21,000	-
5049-*	Biosolids Disposal	1,470,000	97,801	1,372,199	6.7%
5050-*	Contract Services Generators - 29A	28,008	-	28,008	-
5052-*	Janitorial Services	101,004	8,278	92,726	8.2%
5053-*	Contract Serv - Digester Cleaning - 29E	60,000	7,993	52,007	13.3%
5054-*	Diesel Truck Maint	42,000	354	41,646	0.8%
5055-*	Diesel Truck Fuel	11,500	-	11,500	-
5056-*	Maintenance Equip. & Facilities (Solids)	366,000	87,781	278,219	24.0%
5057-*	Maintenance Equip. & Facilities (Liquids)	651,996	38,715	613,281	5.9%
5058-*	Maintenance Equip. & Facilities (Common)	90,008	12,208	77,800	13.6%
5059-*	Maintenance Equip. & Facilities (Co-Gen)	738,996	32,203	706,793	4.4%
5060-*	Maintenance Equip. & Facilities (AWT)	88,000	-	88,000	-
5061-*	Mileage	3,608	149	3,459	4.1%
5068-*	MNWD Potable Water Supplies & Svcs.	28,000	7,304	20,696	26.1%
5074-*	Education Reimbursement	1,996	-	1,996	-
5076-*	SCADA Infrastructure	86,596	15,000	71,596	17.3%
5077-*	IT Direct	5,508	-	5,508	-
5105-*	Co-Generation Power Credit - Offset	685,992	93,122	592,870	13.6%
5303-*	Group Insurance Waiver	14,392	1,218	13,174	8.5%
5305-*	Medicare Tax Payments for Employees	2,160	170	1,990	7.9%
5309-*	Operating Leases	26,000	2,896	23,104	11.1%
5705-*	Monthly Car Allowance	35,396	3,480	31,916	9.8%
5799-*	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	0	100.0%
6500-*	IT Allocations in to PC's & Depts.	610,540	31,568	578,972	5.2%
	Total Other Expenses	10,881,660	789,923	10,091,737	7.3%
	Total O&M Expenses	18,522,124	1,380,691	17,141,433	7.5%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended July 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000-***.**	Regular Salaries-O&M	1,585,228	133,748	1,451,480	8.4%
02-5001-***.**	Overtime Salaries-O&M	37,904	6,676	31,228	17.6%
02-5306-***.**	Scheduled Holiday Work	36,600	4,390	32,210	12.0%
02-5315-***.**	Comp Time - O&M	8,264	1,793	6,471	21.7%
02-5401-***.**	Fringe Benefits IN to PC's & Depts.	821,352	69,299	752,053	8.4%
02-5700-***.**	Standby Pay	25,096	1,885	23,211	7.5%
	Total Payroll Costs	<u>2,514,444</u>	<u>217,792</u>	<u>2,296,652</u>	<u>8.7%</u>
Other Expenses					
02-5002-***.**	Electricity	506,564	40,047	466,517	7.9%
02-5003-***.**	Natural Gas	132,160	10,306	121,854	7.8%
02-5004-***.**	Potable & Reclaimed Water	25,000	2,476	22,525	9.9%
02-5006-***.**	Chlorine/Sodium Hypochlorite	8,000	-	8,000	-
02-5007-***.**	Polymer Products	305,000	55,414	249,586	18.2%
02-5008-***.**	Ferric Chloride	200,000	14,576	185,424	7.3%
02-5009-***.**	Odor Control Chemicals	21,004	-	21,004	-
02-5010-***.**	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011-***.**	Laboratory Services	19,000	228	18,772	1.2%
02-5012-***.**	Grit Hauling	55,000	2,989	52,011	5.4%
02-5013-***.**	Landscaping	77,004	4,039	72,965	5.2%
02-5015-***.**	Management Support Services	30,008	-	30,008	-
02-5017-***.**	Legal Fees	4,996	-	4,996	-
02-5019-***.**	Contract Services Misc.	70,636	-	70,636	-
02-5021-***.**	Small Vehicle Expense	11,000	50	10,950	0.5%
02-5022-***.**	Miscellaneous Expense	8,000	-	8,000	-
02-5023-***.**	Office Supplies - All	29,000	914	28,086	3.2%
02-5024-***.**	Petroleum Products	11,004	-	11,004	-
02-5025-***.**	Uniforms	33,996	1,912	32,084	5.6%
02-5026-***.**	Small Vehicle Fuel	10,004	65	9,939	0.7%
02-5027-***.**	Insurance - Property/Liability	108,384	5,257	103,127	4.9%
02-5028-***.**	Small Tools & Supplies	38,000	862	37,138	2.3%
02-5030-***.**	Trash Disposal	3,000	95	2,905	3.2%
02-5031-***.**	Safety Program & Supplies	41,000	4,152	36,848	10.1%
02-5032-***.**	Equipment Rental	3,000	-	3,000	-
02-5033-***.**	Recruitment	348	-	348	-
02-5034-***.**	Travel Expense/Tech. Conferences	9,012	-	9,012	-
02-5035-***.**	Training Expense	16,976	1,385	15,591	8.2%
02-5036-***.**	Laboratory Supplies	21,004	608	20,396	2.9%
02-5037-***.**	Office Equipment	13,000	61	12,939	0.5%
02-5038-***.**	Permits	13,496	17,773	(4,277)	131.7%
02-5039-***.**	Membership Dues/Fees	4,516	96	4,420	2.1%
02-5049-***.**	Biosolids Disposal	620,000	35,679	584,321	5.8%
02-5050-***.**	Contract Services Generators - 29A	10,004	-	10,004	-
02-5052-***.**	Janitorial Services	47,000	4,264	42,736	9.1%
02-5053-***.**	Contract Serv - Digester Cleaning - 29E	60,000	7,993	52,007	13.3%
02-5054-***.**	Diesel Truck Maint	22,000	15	21,985	0.1%
02-5055-***.**	Diesel Truck Fuel - 37B	2,996	-	2,996	-
02-5056-***.**	Maintenance Equip. & Facilities (Solids)	155,000	27,482	127,518	17.7%
02-5057-***.**	Maintenance Equip. & Facilities (Liquids)	260,000	6,839	253,161	2.6%
02-5058-***.**	Maintenance Equip. & Facilities (Common)	29,000	9,662	19,338	33.3%
02-5059-***.**	Maintenance Equip. & Facilities (Co-Gen)	277,120	21,037	256,083	7.6%
02-5061-***.**	Mileage	2,104	57	2,047	2.7%
02-5076-***.**	SCADA Infrastructure	28,960	5,000	23,960	17.3%
02-5077-***.**	IT Direct	2,620	-	2,620	-
02-5303-***.**	Group Insurance Waiver	3,596	305	3,291	8.5%
02-5309-***.**	Operating Leases	26,000	2,091	23,909	8.0%
02-5705-***.**	Monthly Car Allowance	22,804	1,929	20,875	8.5%
02-5799-***.**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	0	100.0%
02-6500-***.**	IT Allocations in to PC's & Depts.	199,812	10,331	189,481	5.2%
	Total Other Expenses	<u>3,585,128</u>	<u>281,991</u>	<u>3,303,137</u>	<u>7.9%</u>
	Total Expenses	<u>6,099,572</u>	<u>499,782</u>	<u>5,599,790</u>	<u>8.2%</u>

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended July 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
05 - San Juan Creek Ocean Outfall					
Salary and Fringe					
05-5000-***.**	Regular Salaries-O&M	146,556	10,664	135,892	7.3%
05-5001-***.**	Overtime Salaries-O&M	72	-	72	-
05-5306-***.**	Scheduled Holiday Work	416	44	372	10.5%
05-5401-***.**	Fringe Benefits IN to PC's & Depts.	75,928	5,526	70,402	7.3%
	Total Payroll Costs	<u>222,972</u>	<u>16,234</u>	<u>206,738</u>	<u>7.3%</u>
Other Expenses					
05-5015-***.**	Management Support Services	212,500	459	212,041	0.2%
05-5017-***.**	Legal Fees	2,008	-	2,008	-
05-5026-***.**	Small Vehicle Fuel	500	-	500	-
05-5027-***.**	Insurance - Property/Liability	9,668	433	9,235	4.5%
05-5031-***.**	Safety Supplies	1,052	-	1,052	-
05-5033-***.**	Recruitment	556	-	556	-
05-5034-***.**	Travel Expense/Tech. Conferences	1,512	-	1,512	-
05-5035-***.**	Training Expense	1,952	-	1,952	-
05-5036-***.**	Laboratory Supplies	35,000	3,302	31,698	9.4%
05-5038-***.**	Permits	228,968	-	228,968	-
05-5039-***.**	Membership Dues/Fees	216	-	216	-
05-5044-***.**	Offshore Monitoring	75,496	-	75,496	-
05-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
05-5046-***.**	Effluent Chemistry	35,000	26	34,974	0.1%
05-5058-***.**	Maintenance Equip. & Facilities (Common)	1,004	-	1,004	-
05-6500-***.**	IT Allocations in to PC's & Depts.	18,464	954	17,510	5.2%
	Total Other Expenses	<u>635,408</u>	<u>5,174</u>	<u>630,234</u>	<u>0.8%</u>
	Total Expenses	<u>858,380</u>	<u>21,407</u>	<u>836,973</u>	<u>2.5%</u>
08 - Pre Treatment					
Salary and Fringe					
08-5000-***.**	Regular Salaries-O&M	117,772	10,427	107,345	8.9%
08-5306-***.**	Scheduled Holiday Work	-	-	-	-
08-5315-***.**	Comp Time - Environment	-	-	-	-
08-5401-***.**	Fringe Benefits IN to PC's & Depts.	61,016	5,402	55,614	8.9%
	Total Payroll Costs	<u>178,788</u>	<u>15,829</u>	<u>162,959</u>	<u>8.9%</u>
Other Expenses					
08-5011-***.**	Laboratory Services	3,200	295	2,905	9.2%
08-5016-***.**	Audit - Environmental	1,304	-	1,304	-
08-5017-***.**	Legal Fees	2,596	-	2,596	-
08-5018-***.**	Public Notices/ Public Relations	6,000	-	6,000	-
08-5021-***.**	Small Vehicle Expense - 31A	1,076	-	1,076	-
08-5022-***.**	Miscellaneous Expense	2,008	-	2,008	-
08-5026-***.**	Small Vehicle Fuel - 37A	1,148	-	1,148	-
08-5027-***.**	Insurance - Property/Liability	3,024	135	2,889	4.5%
08-5028-***.**	Small Tools & Supplies	3,000	41	2,959	1.4%
08-5034-***.**	Travel Expense/Tech. Conferences	2,732	-	2,732	-
08-5035-***.**	Training Expense	-	150	(150)	-
08-5038-***.**	Permits and Fines	3,132	-	3,132	-
08-6500-***.**	IT Allocations in to PC's & Depts.	14,832	767	14,065	5.2%
	Total Other Expenses	<u>44,052</u>	<u>1,388</u>	<u>42,664</u>	<u>3.2%</u>
	Total Expenses	<u>222,840</u>	<u>17,217</u>	<u>205,623</u>	<u>7.7%</u>
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-***.**	Regular Salaries-O&M	44,808	10,879	33,929	24.3%
12-5401-***.**	Fringe Benefits IN to PC's & Depts.	23,208	5,637	17,571	24.3%
	Total Payroll Costs	<u>68,016</u>	<u>16,516</u>	<u>51,500</u>	<u>24.3%</u>
Other Expenses					
12-5015-***.**	Management Support Services	-	-	-	-
12-5017-***.**	Legal Fees	2,000	-	2,000	-
12-5027-***.**	Insurance - Property/Liability	5,164	231	4,933	4.5%
12-5034-***.**	Travel Expense/Tech. Conferences	920	-	920	-
12-5038-***.**	Permits	12,044	-	12,044	-
12-5039-***.**	Membership Dues/Fees	68	-	68	-
12-6500-***.**	IT Allocations in to PC's & Depts.	5,640	292	5,348	5.2%
	Total Other Expenses	<u>25,836</u>	<u>523</u>	<u>25,313</u>	<u>2.0%</u>
	Total Expenses	<u>93,852</u>	<u>17,039</u>	<u>76,813</u>	<u>18.2%</u>

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended July 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-***.**	Regular Salaries-O&M	1,083,504	62,063	1,021,441	5.7%
15-5001-***.**	Overtime Salaries-O&M	19,208	-	19,208	-
15-5306-***.**	Scheduled Holiday Work	15,584	2,533	13,051	16.3%
15-5315-***.**	Comp Time - O&M	2,000	-	2,000	-
15-5401-***.**	Fringe Benefits IN to PC's & Depts.	561,396	33,060	528,336	5.9%
15-5700-***.**	Standby Pay	16,504	130	16,374	0.8%
	Total Payroll Costs	1,698,196	97,786	1,600,410	5.8%
Other Expenses					
15-5002-***.**	Electricity	202,348	17,429	184,919	8.6%
15-5003-***.**	Natural Gas	2,872	35	2,837	1.2%
15-5004-***.**	Potable & Reclaimed Water	25,000	1,965	23,035	7.9%
15-5006-***.**	Chlorine/Sodium Hypochlorite	94,004	5,123	88,881	5.4%
15-5007-***.**	Polymer Products	1,004	-	1,004	-
15-5008-***.**	Ferric Chloride	58,000	5,548	52,452	9.6%
15-5009-***.**	Odor Control Chemicals	51,004	4,021	46,983	7.9%
15-5011-***.**	Laboratory Services	20,000	80	19,920	0.4%
15-5012-***.**	Grit Hauling	23,000	1,662	21,338	7.2%
15-5013-***.**	Landscaping	57,000	-	57,000	-
15-5015-***.**	Management Support Services	10,000	-	10,000	-
15-5017-***.**	Legal Fees	30,000	-	30,000	-
15-5019-***.**	Contract Services Misc.	91,732	-	91,732	-
15-5021-***.**	Small Vehicle Expense	4,004	813	3,191	20.3%
15-5022-***.**	Miscellaneous Expense	1,000	-	1,000	-
15-5023-***.**	Office Supplies - All	4,004	58	3,946	1.5%
15-5024-***.**	Petroleum Products	3,000	-	3,000	-
15-5025-***.**	Uniforms	9,000	705	8,295	7.8%
15-5026-***.**	Small Vehicle Fuel	2,000	-	2,000	-
15-5027-***.**	Insurance - Property/Liability	47,112	2,108	45,004	4.5%
15-5028-***.**	Small Tools & Supplies	9,000	-	9,000	-
15-5030-***.**	Trash Disposal	2,996	145	2,851	4.8%
15-5031-***.**	Safety Supplies	35,000	3,111	31,889	8.9%
15-5032-***.**	Equipment Rental	1,000	-	1,000	-
15-5033-***.**	Recruitment	312	-	312	-
15-5034-***.**	Travel Expense/Tech. Conferences	5,244	-	5,244	-
15-5035-***.**	Training Expense	11,632	1,260	10,372	10.8%
15-5036-***.**	Laboratory Supplies	14,000	223	13,777	1.6%
15-5037-***.**	Office Equipment	2,996	61	2,935	2.0%
15-5038-***.**	Permits	4,820	481	4,339	10.0%
15-5039-***.**	Membership Dues/Fees	4,960	298	4,662	6.0%
15-5047-***.**	Access Road Expenses	45,000	-	45,000	-
15-5048-***.**	Storm Damage	21,000	-	21,000	-
15-5050-***.**	Contract Services Generators - 29A	5,000	-	5,000	-
15-5052-***.**	Janitorial Services	12,004	1,033	10,971	8.6%
15-5054-***.**	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-***.**	Diesel Truck Fuel - 37B	504	-	504	-
15-5057-***.**	Maintenance Equip. & Facilities (Liquids)	149,996	12,740	137,256	8.5%
15-5058-***.**	Maintenance Equip. & Facilities (Common)	23,000	545	22,455	0.02
15-5060-***.**	Maintenance Equip. & Facilities (AWT)	38,000	-	38,000	-
15-5061-***.**	Mileage	500	-	500	-
15-5076-***.**	SCADA Infrastructure	28,952	5,000	23,952	17.3%
15-5077-***.**	IT Direct	264	-	264	-
15-5303-***.**	Group Insurance Waiver	3,600	305	3,295	8.5%
15-5305-***.**	Medicare Tax Payments for Employees	2,160	170	1,990	7.9%
15-5705-***.**	Monthly Car Allowance	4,196	355	3,841	8.5%
15-6500-***.**	IT Allocations in to PC's & Depts.	136,476	7,057	129,419	5.2%
	Total Other Expenses	1,299,696	72,332	1,227,364	5.6%
	Total Expenses	2,997,892	170,118	2,827,774	5.7%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended July 31, 2021
 (in dollars)

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
17 - Joint Regional Wastewater Reclamation and Sludge Handling					
Salary and Fringe					
17-5000-***.**	Regular Salaries-O&M	1,718,916	130,087	1,588,829	7.6%
17-5001-***.**	Overtime Salaries-O&M	49,452	4,302	45,150	8.7%
17-5306-***.**	Scheduled Holiday Work	38,136	5,000	33,136	13.1%
17-5315-***.**	Comp Time - O&M	5,716	1,640	4,076	28.7%
17-5401-***.**	Fringe Benefits IN to PC's & Depts.	890,632	67,402	823,230	7.6%
17-5700-***.**	Standby Pay	26,000	3,705	22,295	14.3%
	Total Payroll Costs	2,728,852	212,136	2,516,716	7.8%
Other Expenses					
17-5002-***.**	Electricity	461,868	53,783	408,085	11.6%
17-5003-***.**	Natural Gas	90,976	14,229	76,747	15.6%
17-5004-***.**	Potable & Reclaimed Water	35,000	290	34,710	0.8%
17-5005-***.**	Co-generation Power Credit	(686,000)	(93,122)	(592,878)	13.6%
17-5006-***.**	Chlorine/Sodium Hypochlorite	400,004	48,507	351,497	12.1%
17-5007-***.**	Polymer Products	441,000	53,293	387,707	12.1%
17-5008-***.**	Ferric Chloride	330,004	28,998	301,006	8.8%
17-5009-***.**	Odor Control Chemicals	35,008	7,164	27,844	20.5%
17-5010-***.**	Other Chemicals - Misc.	1,004	-	1,004	-
17-5011-***.**	Laboratory Services	22,996	345	22,651	1.5%
17-5012-***.**	Grit Hauling - 21A	42,000	1,764	40,236	4.2%
17-5013-***.**	Landscaping	85,004	6,587	78,417	7.7%
17-5015-***.**	Management Support Services	9,996	-	9,996	-
17-5017-***.**	Legal Fees	5,004	-	5,004	-
17-5019-***.**	Contract Services Misc.	96,312	-	96,312	-
17-5021-***.**	Small Vehicle Expense	7,000	620	6,380	8.9%
17-5022-***.**	Miscellaneous Expense	5,004	-	5,004	-
17-5023-***.**	Office Supplies - All	13,004	300	12,704	2.3%
17-5024-***.**	Petroleum Products	20,004	-	20,004	-
17-5025-***.**	Uniforms	28,000	3,054	24,946	10.9%
17-5026-***.**	Small Vehicle Fuel	9,004	-	9,004	-
17-5027-***.**	Insurance - Property/Liability	135,628	6,070	129,558	4.5%
17-5028-***.**	Small Tools & Supplies	30,000	2,980	27,020	9.9%
17-5030-***.**	Trash Disposal	2,504	67	2,437	2.7%
17-5031-***.**	Safety Supplies	41,248	2,837	38,411	6.9%
17-5032-***.**	Equipment Rental	3,004	1,509	1,495	50.2%
17-5033-***.**	Recruitment	728	-	728	-
17-5034-***.**	Travel Expense/Tech. Conferences	8,996	-	8,996	-
17-5035-***.**	Training Expense	15,480	1,260	14,220	8.1%
17-5036-***.**	Laboratory Supplies	24,392	339	24,053	1.4%
17-5037-***.**	Office Equipment	9,996	577	9,419	5.8%
17-5038-***.**	Permits	10,612	488	10,124	4.6%
17-5039-***.**	Membership Dues/Fees	7,892	293	7,599	3.7%
17-5049-***.**	Biosolids Disposal	850,000	62,123	787,877	7.3%
17-5050-***.**	Contract Services Generators - 29A	13,004	-	13,004	-
17-5052-***.**	Janitorial Services	42,000	2,981	39,019	7.1%
17-5054-***.**	Diesel Truck Maint	19,000	339	18,661	1.8%
17-5055-***.**	Diesel Truck Fuel	8,000	-	8,000	-
17-5056-***.**	Maintenance Equip. & Facilities (Solids)	211,000	60,299	150,701	28.6%
17-5057-***.**	Maintenance Equip. & Facilities (Liquids)	242,000	19,136	222,864	7.9%
17-5058-***.**	Maintenance Equip. & Facilities (Common)	36,000	2,001	33,999	5.6%
17-5059-***.**	Maintenance Equip. & Facilities (Co-Gen)	461,876	11,166	450,710	2.4%
17-5060-***.**	Maintenance Equip. & Facilities (AWT) 41-E	50,000	-	50,000	-
17-5061-***.**	Mileage	1,004	92	913	9.1%
17-5068-***.**	MNWD Potable Water Supplies & Svcs.	28,000	7,304	20,696	26.1%
17-5074-***.**	Education Reimbursement	1,996	-	1,996	-
17-5076-***.**	SCADA Infrastructure	28,684	5,000	23,684	17.4%
17-5077-***.**	IT Direct	2,624	-	2,624	-
17-5105-***.**	Co-Generation Power Credit - Offset	685,992	93,122	592,870	13.6%
17-5303-***.**	Group Insurance Waiver	7,196	609	6,587	8.5%
17-5309-***.**	Operating Leases	-	805	(805)	-
17-5705-***.**	Monthly Car Allowance	8,396	1,195	7,201	14.2%
17-6500-***.**	IT Allocations in to PC's & Depts.	216,520	11,195	205,325	5.2%
	Total Other Expenses	4,655,964	419,600	4,236,364	9.0%
	Total Expenses	7,384,816	631,736	6,753,080	8.6%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended July 31, 2021
(in dollars)

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
21 - Effluent Transmission Main					
Salary and Fringe					
21-5000-***.**	Regular Salaries-O&M	1,088	-	1,088	-
21-5401-***.**	Fringe Benefits IN to PC's & Depts.	564	-	564	-
	Total Payroll Costs	1,652	-	1,652	-
Other Expenses					
21-5019-***.**	Contract Services Misc.	18,336	-	18,336	-
21-5027-***.**	Insurance - Property/Liability	-	-	-	-
	Total Other Expenses	18,336	-	18,336	-
	Total Expenses	19,988	-	19,988	-
24 - Aliso Creek Ocean Outfall					
Salary and Fringe					
24-5000-***.**	Regular Salaries-O&M	149,296	9,481	139,815	6.4%
24-5001-***.**	Overtime Salaries-O&M	620	-	620	-
24-5306-***.**	Scheduled Holiday Work	264	44	220	16.6%
24-5401-***.**	Fringe Benefits IN to PC's & Depts.	77,364	4,951	72,413	6.4%
	Total Payroll Costs	227,544	14,476	213,068	6.4%
Other Expenses					
24-5015-***.**	Management Support Services	212,496	888	211,608	0.4%
24-5017-***.**	Legal Fees	2,008	-	2,008	-
24-5027-***.**	Insurance - Property/Liability	8,704	390	8,314	4.5%
24-5031-***.**	Safety Supplies	1,044	-	1,044	-
24-5033-***.**	Recruitment	556	-	556	-
24-5034-***.**	Travel Expense/Tech. Conferences	1,512	-	1,512	-
24-5035-***.**	Training Expense	1,956	-	1,956	-
24-5036-***.**	Laboratory Supplies	30,004	3,302	26,702	11.0%
24-5038-***.**	Permits	216,924	-	216,924	-
24-5039-***.**	Membership Dues/Fees	220	-	220	-
24-5044-***.**	Offshore Monitoring	75,504	3,339	72,166	4.4%
24-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
24-5046-***.**	Effluent Chemistry	35,000	26	34,974	0.1%
24-5058-***.**	Maintenance Equip. & Facilities (Common) 41-C	1,004	-	1,004	-
24-6500-***.**	IT Allocations in to PC's & Depts.	18,796	972	17,824	5.2%
	Total Other Expenses	617,240	8,916	608,324	1.4%
	Total Expenses	844,784	23,392	821,392	2.8%
	Total O&M Expenses	18,522,124	1,380,691	17,141,433	7.5%

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

For the Period Ended July 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	175,927	11,706	164,221	6.7%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	91,154	6,065	85,089	6.7%
	Total Payroll Costs	267,081	17,772	249,310	6.7%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	-	3,184	-
01-5023-03-00-00	Office Supplies - All	208	-	208	-
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	-	6,439	-
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	-	1,377	-
01-5061-03-00-00	Mileage	510	-	510	-
01-5309-03-00-00	Operating Leases	9,300	-	9,300	-
01-5705-03-00-00	Monthly Car Allowance	4,200	355	3,845	8.5%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,293	2,834	51,459	5.2%
	Total Other Expenses	82,781	3,190	79,591	3.9%
	Total Engineering Expenses	349,863	20,962	328,901	6.0%

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

For the Period Ended July 31, 2021

(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	998,424	57,399	941,025	5.7%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	-	10,000	-
01-6315-04-00-00	Comp Time - Admin	5,000	129	4,871	2.6%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	517,316	29,740	487,576	5.7%
	Total Payroll Costs	1,530,740	87,268	1,443,472	5.7%
Other Expenses					
01-6018-04-00-00	Public Notices/Public Relations	3,270	-	3,270	-
01-6101-04-00-00	HR Recruitment & Employee Relations	24,350	1,379	22,971	5.7%
01-6102-04-00-00	Subscriptions	2,081	1,261	820	60.6%
01-6103-04-00-00	Contract Labor	50,000	315	49,685	0.6%
01-6200-04-00-00	Management Support Services	90,000	-	90,000	-
01-6201-04-00-00	Audit	46,000	12,500	33,500	27.2%
01-6202-04-00-00	Legal	220,000	9,110	210,890	4.1%
01-6204-04-00-00	Postage	1,500	18	1,482	1.2%
01-6223-04-00-00	Office Supplies - Admin	4,500	787	3,713	17.5%
01-6224-04-00-00	Office Equipment Admin or IT	1,200	221	979	18.4%
01-6234-04-00-00	Memberships & Trainings	88,000	3,488	84,512	4.0%
01-6239-04-00-00	Travel & Conference	11,000	-	11,000	-
01-6241-04-00-00	Education Reimbursement	1,500	-	1,500	-
01-6310-04-00-00	Miscellaneous	18,000	1,296	16,704	7.2%
01-6311-04-00-00	Mileage	1,236	-	1,236	-
01-6317-04-00-00	Contract Services Misc	5,722	-	5,722	-
01-6500-04-00-00	IT Allocations in to PC's & Depts.	125,761	6,502	119,258	5.2%
01-6601-04-00-00	Shipping/Freight	3,815	1,237	2,578	32.4%
01-6705-04-00-00	Monthly Car Allowance	12,000	1,015	10,985	8.5%
	Total Other Expenses	709,934	39,130	670,804	5.5%
	Total Admin Expenses	2,240,674	126,398	2,114,276	5.6%

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
 For the Period Ended July 31, 2021
 (in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	100,076	5,689	94,387	5.7%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	51,852	2,948	48,904	5.7%
	Total Salary & Fringe	151,928	8,637	143,291	5.7%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	200	800	20.0%
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	-
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	41,026	860	40,166	2.1%
01-6301-05-00-00	Hardware Maintenance Agreements	14,726	-	14,726	-
01-6302-05-00-00	Cloud Subscriptions (Internet)	177,328	8,190	169,138	4.6%
01-6303-05-00-00	Telecommunications	165,582	8,560	157,022	5.2%
01-6305-05-00-00	IT Professional Services	92,400	2,331	90,069	2.5%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	40,985	498	40,487	1.2%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	28,968	3,928	25,040	13.6%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	7,702	56,471	12.0%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
	Total Other Expenses	639,198	32,268	606,930	5.0%
	Total Expenses before Allocation	791,126	40,905	750,221	5.2%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(791,126)	(40,905)	(750,221)	5.2%
	Total IT Allocations (Out) to PC's & Depts	(791,126)	(40,905)	(750,221)	5.2%

Agenda Item

6.M.4.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Financial Reports for the Month of August 2021

Summary/Discussion

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

The reports included are as follows:

1. Summary of Disbursements for August 2021 (Exhibit A)
 - ***The August Disbursements did include payment amounts to West Yost.***
2. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
3. Schedule of Cash and Investments (Exhibit C)
4. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
5. Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

Fiscal impact

August 2021 cash disbursements were: \$ 3,118,837.

- 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 to the Board of Directors to ratify the August 2021 disbursements for the period from August 1, 2021, through August 31, 2021, totaling \$3,118,837, and to receive and file the August 2021 Financial Reports as submitted.

Exhibit A

**South Orange County Wastewater Authority
Summary of Disbursements for August 2021
Staff Recommendation of Fiscal Matters**

	<u>Actual</u>
General Fund	\$ (277,017)
PC 2 - Jay B. Latham Plant	(1,211,159)
PC 5 - San Juan Creek Ocean Outfall	(15,565)
PC 8 - Pretreatment Program	(16,340)
PC 12 SO - Water Reclamation Permits	(60,535)
PC 15 - Coastal Treatment Plant/AWT	(785,794)
PC 17 - Joint Regional Wastewater Reclamation	(722,984)
PC 21 - Effluent Transmission Main	(10,821)
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(18,623)
Total	<u><u>\$ (3,118,837)</u></u>

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of August 31, 2021**

CASH IN BANK: (BEGINNING BAL.)	\$	1,860,499
L.A.I.F. FUNDS: (BEGINNING BAL.)		8,599,365
DEPOSITS, TRANSFERS & ADJUSTMENTS:		8,401,985
FUND REQUIREMENTS:		
BILLS FOR CONSIDERATION ¹		(3,118,837)
TOTAL CASH IN BANK	\$	15,743,012

¹ GL postings.

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

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

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

Betty Burnett
General Manager

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 10/06/21



PMIA Average Monthly Effective Yields⁽¹⁾

Sep	0.206
Aug	0.221
Jul	0.221

Quarterly Performance Quarter Ended 06/30/21

LAIF Apportionment Rate ⁽²⁾ :	0.33
LAIF Earnings Ratio ⁽²⁾ :	0.0000897371743018
LAIF Fair Value Factor ⁽¹⁾ :	1.00008297
PMIA Daily ⁽¹⁾ :	0.22%
PMIA Quarter to Date ⁽¹⁾ :	0.30%
PMIA Average Life ⁽¹⁾ :	291

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾

08/31/21

\$176.7 billion

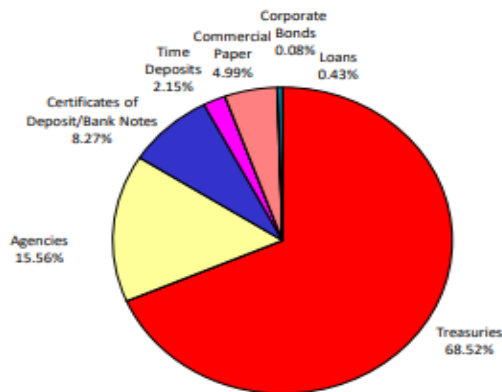


Chart does not include \$8,585,000.00 in mortgages, which equates to 0.004859%. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

Exhibit C

**South Orange County Wastewater Authority
Schedule of Cash and Investments
as of August 31, 2021**

MVA	\$ 2,765	(A)
A/P Checking	1,312,028	(B)
Payroll Checking	370,855	(C)
State LAIF	14,057,365	(D)
Total Cash in Bank	\$ 15,743,012	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 15,744,612	
OPEB Trust	6,774,894	(F)
Total Cash and Investments	\$ 22,519,507	

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.

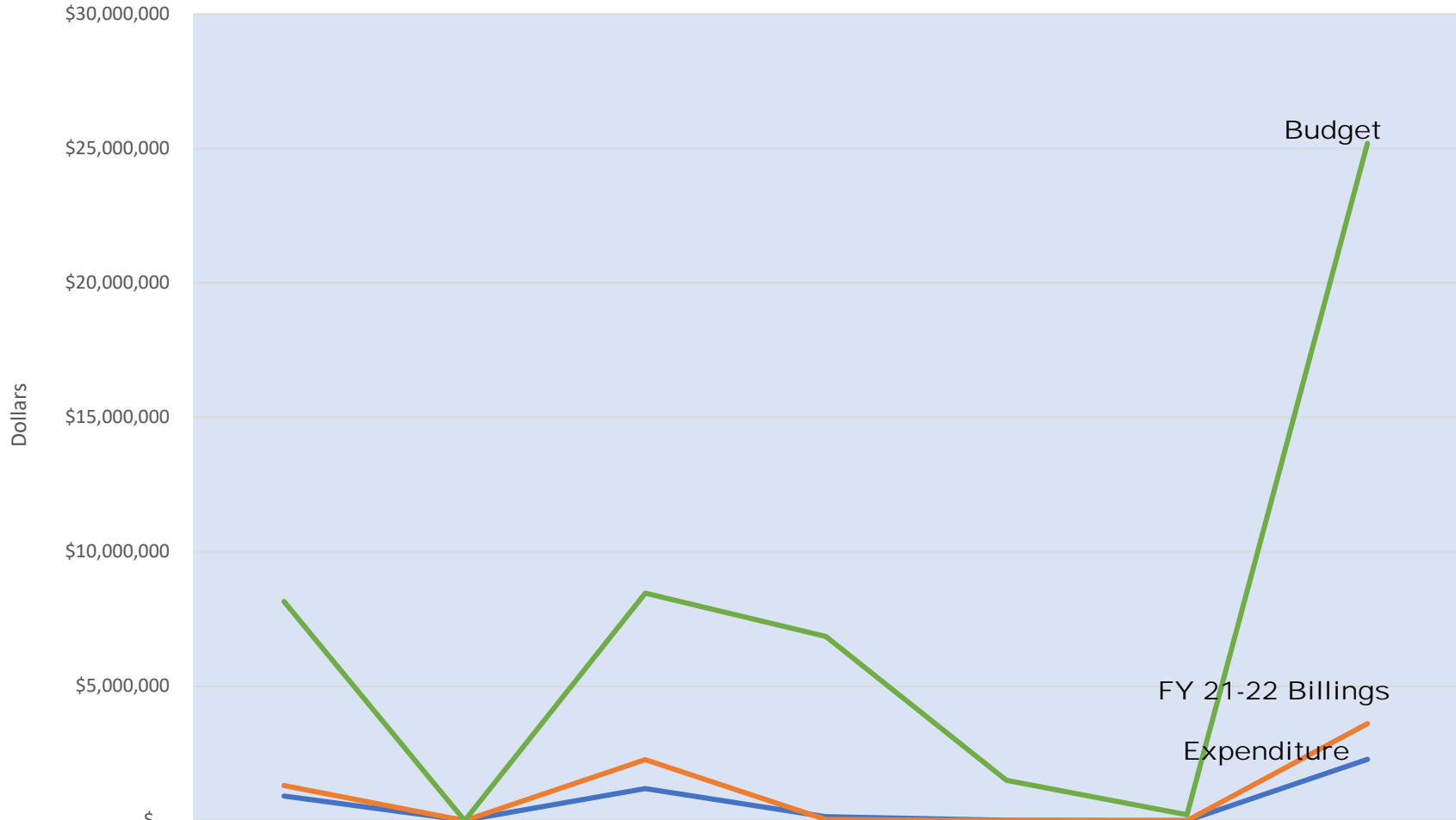
**South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended August 31, 2021
(in dollars)**

FY 2021-22 Budget vs. Actual Spending								
<u>Description</u>	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 8,153,937	\$ 917,024	\$ 7,236,913	11.2%	\$ 1,303,750	\$ 1,303,750	\$ -	70.3%
PC 5-San Juan Creek Outfall ¹	-	12,688	(12,688)		-	-	-	-
PC 15-Coastal	8,464,653	1,193,833	7,270,820	14.1%	2,264,999	2,264,999	-	52.7%
PC 17-Regional	6,851,959	140,426	6,711,533	2.0%	38,249	38,249	-	367.1%
PC 21 Effluent Transmission	1,502,000	15,462	1,486,538	1.0%	-	-	-	-
PC 24 Aliso Creek Outfall	220,000	-	220,000	0.0%	-	-	-	-
Total Large Capital	\$ 25,192,549	\$ 2,279,434	\$ 22,913,115	9.0%	\$ 3,606,998	\$ 3,606,998	\$ -	63.2%
Non-Capital Engineering	405,871	8,307	397,565	2.0%	25,000	25,000	-	33.2%
Non-Capital Misc Engineering	254,500	11,530	242,970	4.5%	6,000	6,000	-	192.2%
Small Internal Capital	2,061,000	207,222	1,853,778	10.1%	515,250	515,250	-	40.2%
Total Capital	\$ 27,913,920	\$ 2,506,493	\$ 25,407,427	9.0%	\$ 4,153,248	\$ 4,153,248	\$ -	60.4%

¹ PC 24 is paid out of Cash on Hand collected in an earlier year.

Large Capital Projects Fiscal Year '21-22 Budget vs. Year-to-Date Expenditures & Billings as of 8/31/2021

Exhibit D-1



	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 8/31/21	\$917,024	12,688.00	\$1,193,833	\$140,426	\$15,461.76	-	\$2,279,434
FY 21-22 Billings	\$1,303,750	-	\$2,264,999	\$38,249	-	-	\$3,606,998
Capital Budget 21-22	\$8,153,937	-	\$8,464,653	\$6,851,959	\$1,502,000	\$220,000	\$25,192,549

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary

For the Period Ended August 31, 2021
(in dollars)

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
Salary and Fringe					
-5000--**_**	Regular Salaries-O&M	4,847,168	750,093	4,097,075	15.5%
-5001--**_**	Overtime Salaries-O&M	107,256	14,887	92,369	13.9%
-5306--**_**	Scheduled Holiday Work	91,000	13,209	77,791	14.5%
-5315--**_**	Comp Time - O&M	15,980	5,037	10,943	31.5%
-5401--**_**	Fringe Benefits IN to PC's & Depts.	2,511,460	388,648	2,122,812	15.5%
-5700--**_**	Standby Pay	67,600	11,440	56,160	16.9%
	Total Payroll Costs	7,640,464	1,183,315	6,457,149	15.5%
Other Expenses					
-5002--**_**	Electricity	1,170,780	202,515	968,265	17.3%
-5003--**_**	Natural Gas	226,008	53,643	172,365	23.7%
-5004--**_**	Potable & Reclaimed Water	85,000	6,726	78,274	7.9%
-5005--**_**	Co-generation Power Credit	(686,000)	(191,395)	(494,605)	27.9%
-5006--**_**	Chlorine/Sodium Hypochlorite	502,008	106,185	395,823	21.2%
-5007--**_**	Polymer Products	747,004	135,472	611,532	18.1%
-5008--**_**	Ferric Chloride	588,004	105,902	482,102	18.0%
-5009--**_**	Odor Control Chemicals	107,016	22,504	84,512	21.0%
-5010--**_**	Other Chemicals - Misc.	2,004	-	2,004	-
-5011--**_**	Laboratory Services	65,196	1,781	63,415	2.7%
-5012--**_**	Grit Hauling	120,000	17,211	102,789	14.3%
-5013--**_**	Landscaping	219,008	26,323	192,685	12.0%
-5015--**_**	Management Support Services	475,000	8,636	466,364	1.8%
-5016--**_**	Audit - Environmental	1,304	-	1,304	-
-5017--**_**	Legal Fees	48,612	5,513	43,099	11.3%
-5018--**_**	Public Notices/ Public Relations	6,000	-	6,000	-
-5019--**_**	Contract Services Misc.	277,016	-	277,016	-
-5021--**_**	Small Vehicle Expense	23,080	3,649	19,431	15.8%
-5022--**_**	Miscellaneous Expense	16,012	159	15,853	1.0%
-5023--**_**	Office Supplies - All	46,008	3,869	42,139	8.4%
-5024--**_**	Petroleum Products	34,008	454	33,554	1.3%
-5025--**_**	Uniforms	70,996	10,948	60,048	15.4%
-5026--**_**	Small Vehicle Fuel	22,656	1,507	21,149	6.7%
-5027--**_**	Insurance - Property/Liability	317,684	26,047	291,637	8.2%
-5028--**_**	Small Tools & Supplies	80,000	13,157	66,843	16.4%
-5030--**_**	Trash Disposal	8,500	899	7,601	10.6%
-5031--**_**	Safety Program & Supplies	119,344	16,946	102,398	14.2%
-5032--**_**	Equipment Rental	7,004	1,509	5,495	21.6%
-5033--**_**	Recruitment	2,500	164	2,336	6.6%
-5034--**_**	Travel Expense/Tech. Conferences	29,928	10	29,918	0.0%
-5035--**_**	Training Expense	47,996	7,860	40,136	16.4%
-5036--**_**	Laboratory Supplies	124,400	19,040	105,360	15.3%
-5037--**_**	Office Equipment	25,992	4,358	21,634	16.8%
-5038--**_**	Permits	489,996	18,855	471,141	3.8%
-5039--**_**	Membership Dues/Fees	17,872	1,621	16,251	9.1%
-5044--**_**	Offshore Monitoring	151,000	5,274	145,726	3.5%
-5045--**_**	Offshore Biochemistry - 20B	23,024	-	23,024	-
-5046--**_**	Effluent Chemistry	70,000	2,859	67,141	4.1%
-5047--**_**	Access Road Expenses	45,000	-	45,000	-
-5048--**_**	Storm Damage	21,000	-	21,000	-
-5049--**_**	Biosolids Disposal	1,470,000	241,074	1,228,926	16.4%
-5050--**_**	Contract Services Generators - 29A	28,008	4,145	23,863	14.8%
-5052--**_**	Janitorial Services	101,004	15,003	86,001	14.9%
-5053--**_**	Contract Serv - Digester Cleaning - 29E	60,000	30,676	29,324	51.1%
-5054--**_**	Diesel Truck Maint	42,000	1,284	40,716	3.1%

**South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary**

For the Period Ended August 31, 2021

(in dollars)

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
-5055--**_**	Diesel Truck Fuel	11,500	416	11,084	3.6%
-5056--**_**	Maintenance Equip. & Facilities (Solids)	366,000	118,905	247,095	32.5%
-5057--**_**	Maintenance Equip. & Facilities (Liquids)	651,996	63,547	588,449	9.7%
-5058--**_**	Maintenance Equip. & Facilities (Common)	90,008	29,502	60,506	32.8%
-5059--**_**	Maintenance Equip. & Facilities (Co-Gen)	738,996	83,583	655,413	11.3%
-5060--**_**	Maintenance Equip. & Facilities (AWT)	88,000	3,689	84,311	4.2%
-5061--**_**	Mileage	3,608	192	3,416	5.3%
-5068--**_**	MNWD Potable Water Supplies & Svcs.	28,000	10,722	17,278	38.3%
-5074--**_**	Education Reimbursement	1,996	101	1,895	5.1%
-5076--**_**	SCADA Infrastructure	86,596	30,000	56,596	34.6%
-5077--**_**	IT Direct	5,508	-	5,508	-
-5105--**_**	Co-Generation Power Credit - Offset	685,992	191,395	494,597	27.9%
-5303--**_**	Group Insurance Waiver	14,392	2,437	11,955	16.9%
-5305--**_**	Medicare Tax Payments for Employees	2,160	317	1,843	14.7%
-5309--**_**	Operating Leases	26,000	5,263	20,737	20.2%
-5705--**_**	Monthly Car Allowance	35,396	6,799	28,597	19.2%
-5799--**_**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	0	100.0%
-6500--**_**	IT Allocations in to PC's & Depts.	610,540	62,933	547,607	10.3%
	Total Other Expenses	10,881,660	1,528,185	9,353,475	14.0%
	Total O&M Expenses	18,522,124	2,711,500	15,810,624	14.6%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended August 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000-***.**	Regular Salaries-O&M	1,585,228	267,666	1,317,562	16.9%
02-5001-***.**	Overtime Salaries-O&M	37,904	8,696	29,208	22.9%
02-5306-***.**	Scheduled Holiday Work	36,600	4,903	31,697	13.4%
02-5315-***.**	Comp Time - O&M	8,264	2,527	5,737	30.6%
02-5401-***.**	Fringe Benefits IN to PC's & Depts.	821,352	138,687	682,665	16.9%
02-5700-***.**	Standby Pay	25,096	4,680	20,416	18.6%
	Total Payroll Costs	2,514,444	427,159	2,087,285	17.0%
Other Expenses					
02-5002-***.**	Electricity	506,564	72,764	433,800	14.4%
02-5003-***.**	Natural Gas	132,160	23,962	108,198	18.1%
02-5004-***.**	Potable & Reclaimed Water	25,000	2,476	22,525	9.9%
02-5006-***.**	Chlorine/Sodium Hypochlorite	8,000	1,255	6,745	15.7%
02-5007-***.**	Polymer Products	305,000	64,540	240,460	21.2%
02-5008-***.**	Ferric Chloride	200,000	38,415	161,585	19.2%
02-5009-***.**	Odor Control Chemicals	21,004	5,096	15,908	24.3%
02-5010-***.**	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011-***.**	Laboratory Services	19,000	264	18,736	1.4%
02-5012-***.**	Grit Hauling	55,000	8,342	46,658	15.2%
02-5013-***.**	Landscaping	77,004	8,078	68,926	10.5%
02-5015-***.**	Management Support Services	30,008	3,550	26,458	11.8%
02-5017-***.**	Legal Fees	4,996	928	4,068	18.6%
02-5019-***.**	Contract Services Misc.	70,636	-	70,636	-
02-5021-***.**	Small Vehicle Expense	11,000	1,091	9,909	9.9%
02-5022-***.**	Miscellaneous Expense	8,000	83	7,917	1.0%
02-5023-***.**	Office Supplies - All	29,000	1,546	27,454	5.3%
02-5024-***.**	Petroleum Products	11,004	-	11,004	-
02-5025-***.**	Uniforms	33,996	4,857	29,139	14.3%
02-5026-***.**	Small Vehicle Fuel	10,004	856	9,148	8.6%
02-5027-***.**	Insurance - Property/Liability	108,384	9,422	98,962	8.7%
02-5028-***.**	Small Tools & Supplies	38,000	1,021	36,979	2.7%
02-5030-***.**	Trash Disposal	3,000	282	2,718	9.4%
02-5031-***.**	Safety Program & Supplies	41,000	7,996	33,004	19.5%
02-5032-***.**	Equipment Rental	3,000	-	3,000	-
02-5033-***.**	Recruitment	348	164	184	47.1%
02-5034-***.**	Travel Expense/Tech. Conferences	9,012	-	9,012	-
02-5035-***.**	Training Expense	16,976	2,559	14,417	15.1%
02-5036-***.**	Laboratory Supplies	21,004	1,344	19,660	6.4%
02-5037-***.**	Office Equipment	13,000	2,573	10,427	19.8%
02-5038-***.**	Permits	13,496	17,818	(4,322)	132.0%
02-5039-***.**	Membership Dues/Fees	4,516	344	4,172	7.6%
02-5049-***.**	Biosolids Disposal	620,000	99,001	520,999	16.0%
02-5050-***.**	Contract Services Generators - 29A	10,004	-	10,004	-
02-5052-***.**	Janitorial Services	47,000	7,531	39,469	16.0%
02-5053-***.**	Contract Serv - Digester Cleaning - 29E	60,000	30,676	29,324	51.1%
02-5054-***.**	Diesel Truck Maint	22,000	18	21,982	0.1%
02-5055-***.**	Diesel Truck Fuel - 37B	2,996	-	2,996	-
02-5056-***.**	Maintenance Equip. & Facilities (Solids)	155,000	36,129	118,871	23.3%
02-5057-***.**	Maintenance Equip. & Facilities (Liquids)	260,000	17,562	242,438	6.8%
02-5058-***.**	Maintenance Equip. & Facilities (Common)	29,000	22,324	6,676	77.0%
02-5059-***.**	Maintenance Equip. & Facilities (Co-Gen)	277,120	44,020	233,100	15.9%
02-5061-***.**	Mileage	2,104	57	2,047	2.7%
02-5076-***.**	SCADA Infrastructure	28,960	10,000	18,960	34.5%
02-5077-***.**	IT Direct	2,620	-	2,620	-
02-5303-***.**	Group Insurance Waiver	3,596	609	2,987	16.9%
02-5309-***.**	Operating Leases	26,000	3,348	22,652	12.9%
02-5705-***.**	Monthly Car Allowance	22,804	3,859	18,946	16.9%
02-5799-***.**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	-	100.0%
02-6500-***.**	IT Allocations in to PC's & Depts.	199,812	20,596	179,216	10.3%
	Total Other Expenses	3,585,128	563,357	3,021,771	15.7%
	Total Expenses	6,099,572	990,517	5,109,055	16.2%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended August 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
05 - San Juan Creek Ocean Outfall					
Salary and Fringe					
05-5000-***.**	Regular Salaries-O&M	146,556	16,175	130,381	11.0%
05-5001-***.**	Overtime Salaries-O&M	72	-	72	-
05-5306-***.**	Scheduled Holiday Work	416	44	372	10.5%
05-5401-***.**	Fringe Benefits IN to PC's & Depts.	75,928	8,381	67,547	11.0%
	Total Payroll Costs	<u>222,972</u>	<u>24,599</u>	<u>198,373</u>	<u>11.0%</u>
Other Expenses					
05-5015-***.**	Management Support Services	212,500	4,138	208,362	1.9%
05-5017-***.**	Legal Fees	2,008	-	2,008	-
05-5026-***.**	Small Vehicle Fuel	500	-	500	-
05-5027-***.**	Insurance - Property/Liability	9,668	768	8,900	7.9%
05-5031-***.**	Safety Supplies	1,052	-	1,052	-
05-5033-***.**	Recruitment	556	-	556	-
05-5034-***.**	Travel Expense/Tech. Conferences	1,512	10	1,502	0.6%
05-5035-***.**	Training Expense	1,952	-	1,952	-
05-5036-***.**	Laboratory Supplies	35,000	6,150	28,850	17.6%
05-5038-***.**	Permits	228,968	-	228,968	-
05-5039-***.**	Membership Dues/Fees	216	-	216	-
05-5044-***.**	Offshore Monitoring	75,496	617	74,879	0.8%
05-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
05-5046-***.**	Effluent Chemistry	35,000	1,047	33,953	3.0%
05-5058-***.**	Maintenance Equip. & Facilities (Common)	1,004	189	815	18.8%
05-6500-***.**	IT Allocations in to PC's & Depts.	18,464	1,903	16,561	10.3%
	Total Other Expenses	<u>635,408</u>	<u>14,822</u>	<u>620,586</u>	<u>2.3%</u>
	Total Expenses	<u>858,380</u>	<u>39,421</u>	<u>818,959</u>	<u>4.6%</u>
08 - Pre Treatment					
Salary and Fringe					
08-5000-***.**	Regular Salaries-O&M	117,772	20,122	97,650	17.1%
08-5401-***.**	Fringe Benefits IN to PC's & Depts.	61,016	10,426	50,590	17.1%
	Total Payroll Costs	<u>178,788</u>	<u>30,548</u>	<u>148,240</u>	<u>17.1%</u>
Other Expenses					
08-5011-***.**	Laboratory Services	3,200	295	2,905	9.2%
08-5016-***.**	Audit - Environmental	1,304	-	1,304	-
08-5017-***.**	Legal Fees	2,596	-	2,596	-
08-5018-***.**	Public Notices/ Public Relations	6,000	-	6,000	-
08-5021-***.**	Small Vehicle Expense - 31A	1,076	-	1,076	-
08-5022-***.**	Miscellaneous Expense	2,008	-	2,008	-
08-5026-***.**	Small Vehicle Fuel - 37A	1,148	-	1,148	-
08-5027-***.**	Insurance - Property/Liability	3,024	240	2,784	7.9%
08-5028-***.**	Small Tools & Supplies	3,000	706	2,294	23.5%
08-5034-***.**	Travel Expense/Tech. Conferences	2,732	-	2,732	-
08-5035-***.**	Training Expense	-	150	(150)	-
08-5038-***.**	Permits and Fines	3,132	-	3,132	-
08-6500-***.**	IT Allocations in to PC's & Depts.	14,832	1,529	13,303	10.3%
	Total Other Expenses	<u>44,052</u>	<u>2,920</u>	<u>41,132</u>	<u>6.6%</u>
	Total Expenses	<u>222,840</u>	<u>33,468</u>	<u>189,372</u>	<u>15.0%</u>
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-***.**	Regular Salaries-O&M	44,808	18,620	26,188	41.6%
12-5401-***.**	Fringe Benefits IN to PC's & Depts.	23,208	9,648	13,560	41.6%
	Total Payroll Costs	<u>68,016</u>	<u>28,268</u>	<u>39,748</u>	<u>41.6%</u>
Other Expenses					
12-5015-***.**	Management Support Services	-	-	-	-
12-5017-***.**	Legal Fees	2,000	-	2,000	-
12-5027-***.**	Insurance - Property/Liability	5,164	410	4,754	7.9%
12-5034-***.**	Travel Expense/Tech. Conferences	920	-	920	-
12-5038-***.**	Permits	12,044	-	12,044	-
12-5039-***.**	Membership Dues/Fees	68	-	68	-
12-6500-***.**	IT Allocations in to PC's & Depts.	5,640	582	5,058	10.3%
	Total Other Expenses	<u>25,836</u>	<u>992</u>	<u>24,844</u>	<u>3.8%</u>
	Total Expenses	<u>93,852</u>	<u>29,260</u>	<u>64,592</u>	<u>31.2%</u>

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended August 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-***.**	Regular Salaries-O&M	1,083,504	140,218	943,286	12.9%
15-5001-***.**	Overtime Salaries-O&M	19,208	-	19,208	-
15-5306-***.**	Scheduled Holiday Work	15,584	2,689	12,895	17.3%
15-5315-***.**	Comp Time - O&M	2,000	283	1,717	14.1%
15-5401-***.**	Fringe Benefits IN to PC's & Depts.	561,396	73,136	488,260	13.0%
15-5700-***.**	Standby Pay	16,504	650	15,854	3.9%
	Total Payroll Costs	1,698,196	216,975	1,481,221	12.8%
Other Expenses					
15-5002-***.**	Electricity	202,348	45,776	156,572	22.6%
15-5003-***.**	Natural Gas	2,872	71	2,801	2.5%
15-5004-***.**	Potable & Reclaimed Water	25,000	1,965	23,035	7.9%
15-5006-***.**	Chlorine/Sodium Hypochlorite	94,004	15,570	78,434	16.6%
15-5007-***.**	Polymer Products	1,004	-	1,004	-
15-5008-***.**	Ferric Chloride	58,000	15,294	42,706	26.4%
15-5009-***.**	Odor Control Chemicals	51,004	9,700	41,304	19.0%
15-5011-***.**	Laboratory Services	20,000	479	19,521	2.4%
15-5012-***.**	Grit Hauling	23,000	2,923	20,078	12.7%
15-5013-***.**	Landscaping	57,000	5,070	51,930	8.9%
15-5015-***.**	Management Support Services	10,000	-	10,000	-
15-5017-***.**	Legal Fees	30,000	666	29,334	2.2%
15-5019-***.**	Contract Services Misc.	91,732	-	91,732	-
15-5021-***.**	Small Vehicle Expense	4,004	1,378	2,626	34.4%
15-5022-***.**	Miscellaneous Expense	1,000	-	1,000	-
15-5023-***.**	Office Supplies - All	4,004	1,257	2,747	31.4%
15-5024-***.**	Petroleum Products	3,000	-	3,000	-
15-5025-***.**	Uniforms	9,000	1,287	7,713	14.3%
15-5026-***.**	Small Vehicle Fuel	2,000	98	1,902	4.9%
15-5027-***.**	Insurance - Property/Liability	47,112	3,742	43,370	7.9%
15-5028-***.**	Small Tools & Supplies	9,000	-	9,000	-
15-5030-***.**	Trash Disposal	2,996	290	2,706	9.7%
15-5031-***.**	Safety Supplies	35,000	4,238	30,762	12.1%
15-5032-***.**	Equipment Rental	1,000	-	1,000	-
15-5033-***.**	Recruitment	312	-	312	-
15-5034-***.**	Travel Expense/Tech. Conferences	5,244	-	5,244	-
15-5035-***.**	Training Expense	11,632	2,434	9,198	20.9%
15-5036-***.**	Laboratory Supplies	14,000	2,984	11,016	21.3%
15-5037-***.**	Office Equipment	2,996	394	2,602	13.1%
15-5038-***.**	Permits	4,820	511	4,309	10.6%
15-5039-***.**	Membership Dues/Fees	4,960	396	4,564	8.0%
15-5047-***.**	Access Road Expenses	45,000	-	45,000	-
15-5048-***.**	Storm Damage	21,000	-	21,000	-
15-5049-***.**	Biosolids Disposal	-	10,308	(10,308)	-
15-5050-***.**	Contract Services Generators - 29A	5,000	-	5,000	-
15-5052-***.**	Janitorial Services	12,004	1,966	10,038	16.4%
15-5054-***.**	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-***.**	Diesel Truck Fuel - 37B	504	-	504	-
15-5057-***.**	Maintenance Equip. & Facilities (Liquids)	149,996	21,827	128,169	14.6%
15-5058-***.**	Maintenance Equip. & Facilities (Common)	23,000	575	22,425	2.5%
15-5060-***.**	Maintenance Equip. & Facilities (AWT)	38,000	3,266	34,734	8.6%
15-5061-***.**	Mileage	500	43	457	8.6%
15-5076-***.**	SCADA Infrastructure	28,952	10,000	18,952	34.5%
15-5077-***.**	IT Direct	264	-	264	-
15-5303-***.**	Group Insurance Waiver	3,600	609	2,991	16.9%
15-5305-***.**	Medicare Tax Payments for Employees	2,160	317	1,843	14.7%
15-5705-***.**	Monthly Car Allowance	4,196	711	3,485	16.9%
15-6500-***.**	IT Allocations in to PC's & Depts.	136,476	14,068	122,408	10.3%
	Total Other Expenses	1,299,696	180,211	1,119,485	13.9%
	Total Expenses	2,997,892	397,186	2,600,706	13.2%

**South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC**

For the Period Ended August 31, 2021
(in dollars)

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
17 - Joint Regional Wastewater Reclamation and Sludge Handling					
Salary and Fringe					
17-5000-***.**	Regular Salaries-O&M	1,718,916	270,960	1,447,956	15.8%
17-5001-***.**	Overtime Salaries-O&M	49,452	7,127	42,325	14.4%
17-5306-***.**	Scheduled Holiday Work	38,136	5,529	32,607	14.5%
17-5315-***.**	Comp Time - O&M	5,716	2,228	3,488	39.0%
17-5401-***.**	Fringe Benefits IN to PC's & Depts.	890,632	140,393	750,239	15.8%
17-5700-***.**	Standby Pay	26,000	6,110	19,890	23.5%
	Total Payroll Costs	2,728,852	432,347	2,296,505	15.8%
Other Expenses					
17-5002-***.**	Electricity	461,868	83,975	377,893	18.2%
17-5003-***.**	Natural Gas	90,976	29,610	61,366	32.5%
17-5004-***.**	Potable & Reclaimed Water	35,000	2,286	32,714	6.5%
17-5005-***.**	Co-generation Power Credit	(686,000)	(191,395)	(494,605)	27.9%
17-5006-***.**	Chlorine/Sodium Hypochlorite	400,004	89,360	310,644	22.3%
17-5007-***.**	Polymer Products	441,000	70,932	370,068	16.1%
17-5008-***.**	Ferric Chloride	330,004	52,193	277,811	15.8%
17-5009-***.**	Odor Control Chemicals	35,008	7,709	27,299	22.0%
17-5010-***.**	Other Chemicals - Misc.	1,004	-	1,004	-
17-5011-***.**	Laboratory Services	22,996	744	22,252	3.2%
17-5012-***.**	Grit Hauling - 21A	42,000	5,946	36,054	14.2%
17-5013-***.**	Landscaping	85,004	13,175	71,829	15.5%
17-5015-***.**	Management Support Services	9,996	-	9,996	-
17-5017-***.**	Legal Fees	5,004	552	4,452	11.0%
17-5019-***.**	Contract Services Misc.	96,312	-	96,312	-
17-5021-***.**	Small Vehicle Expense	7,000	1,180	5,820	16.9%
17-5022-***.**	Miscellaneous Expense	5,004	77	4,927	1.5%
17-5023-***.**	Office Supplies - All	13,004	1,066	11,938	8.2%
17-5024-***.**	Petroleum Products	20,004	454	19,550	2.3%
17-5025-***.**	Uniforms	28,000	4,804	23,196	17.2%
17-5026-***.**	Small Vehicle Fuel	9,004	553	8,451	6.1%
17-5027-***.**	Insurance - Property/Liability	135,628	10,773	124,855	7.9%
17-5028-***.**	Small Tools & Supplies	30,000	11,430	18,570	38.1%
17-5030-***.**	Trash Disposal	2,504	327	2,177	13.1%
17-5031-***.**	Safety Supplies	41,248	4,712	36,536	11.4%
17-5032-***.**	Equipment Rental	3,004	1,509	1,495	50.2%
17-5033-***.**	Recruitment	728	-	728	-
17-5034-***.**	Travel Expense/Tech. Conferences	8,996	-	8,996	-
17-5035-***.**	Training Expense	15,480	2,717	12,763	17.6%
17-5036-***.**	Laboratory Supplies	24,392	2,633	21,759	10.8%
17-5037-***.**	Office Equipment	9,996	1,391	8,605	13.9%
17-5038-***.**	Permits	10,612	526	10,086	5.0%
17-5039-***.**	Membership Dues/Fees	7,892	881	7,011	11.2%
17-5049-***.**	Biosolids Disposal	850,000	131,765	718,235	15.5%
17-5050-***.**	Contract Services Generators - 29A	13,004	4,145	8,859	31.9%
17-5052-***.**	Janitorial Services	42,000	5,506	36,494	13.1%
17-5054-***.**	Diesel Truck Maint	19,000	1,266	17,734	6.7%
17-5055-***.**	Diesel Truck Fuel	8,000	416	7,584	5.2%
17-5056-***.**	Maintenance Equip. & Facilities (Solids)	211,000	82,776	128,224	39.2%
17-5057-***.**	Maintenance Equip. & Facilities (Liquids)	242,000	24,157	217,843	10.0%
17-5058-***.**	Maintenance Equip. & Facilities (Common)	36,000	6,414	29,586	17.8%
17-5059-***.**	Maintenance Equip. & Facilities (Co-Gen)	461,876	39,562	422,314	8.6%
17-5060-***.**	Maintenance Equip. & Facilities (AWT) 41-E	50,000	422	49,578	0.8%
17-5061-***.**	Mileage	1,004	92	913	9.1%
17-5068-***.**	MNWD Potable Water Supplies & Svcs.	28,000	10,722	17,278	38.3%
17-5074-***.**	Education Reimbursement	1,996	101	1,895	5.1%
17-5076-***.**	SCADA Infrastructure	28,684	10,000	18,684	34.9%
17-5077-***.**	IT Direct	2,624	-	2,624	-
17-5105-***.**	Co-Generation Power Credit - Offset	685,992	191,395	494,597	27.9%
17-5303-***.**	Group Insurance Waiver	7,196	1,218	5,978	16.9%
17-5309-***.**	Operating Leases	-	1,915	(1,915)	-
17-5705-***.**	Monthly Car Allowance	8,396	2,229	6,167	26.6%
17-6500-***.**	IT Allocations in to PC's & Depts.	216,520	22,318	194,202	10.3%
	Total Other Expenses	4,655,964	746,540	3,909,424	16.0%
	Total Expenses	7,384,816	1,178,888	6,205,928	16.0%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended August 31, 2021
(in dollars)

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
21 - Effluent Transmission Main					
Salary and Fringe					
21-5000-***.**	Regular Salaries-O&M	1,088	-	1,088	-
21-5401-***.**	Fringe Benefits IN to PC's & Depts.	564	-	564	-
	Total Payroll Costs	1,652	-	1,652	-
Other Expenses					
21-5019-***.**	Contract Services Misc.	18,336	-	18,336	-
21-5027-***.**	Insurance - Property/Liability	-	-	-	-
	Total Other Expenses	18,336	-	18,336	-
	Total Expenses	19,988	-	19,988	-
23 - North Coast Interceptor					
Other Expenses					
23-5017-***.**	Legal Fees	-	3,367	(3,367)	-
	Total Expenses	-	3,367	(3,367)	-
24 - Aliso Creek Ocean Outfall					
Salary and Fringe					
24-5000-***.**	Regular Salaries-O&M	149,296	15,397	133,899	10.3%
24-5001-***.**	Overtime Salaries-O&M	620	-	620	-
24-5306-***.**	Scheduled Holiday Work	264	44	220	16.6%
24-5401-***.**	Fringe Benefits IN to PC's & Depts.	77,364	7,978	69,386	10.3%
	Total Payroll Costs	227,544	23,418	204,126	10.3%
Other Expenses					
24-5015-***.**	Management Support Services	212,496	948	211,548	0.4%
24-5017-***.**	Legal Fees	2,008	-	2,008	-
24-5027-***.**	Insurance - Property/Liability	8,704	691	8,013	7.9%
24-5031-***.**	Safety Supplies	1,044	-	1,044	-
24-5033-***.**	Recruitment	556	-	556	-
24-5034-***.**	Travel Expense/Tech. Conferences	1,512	-	1,512	-
24-5035-***.**	Training Expense	1,956	-	1,956	-
24-5036-***.**	Laboratory Supplies	30,004	5,928	24,076	19.8%
24-5038-***.**	Permits	216,924	-	216,924	-
24-5039-***.**	Membership Dues/Fees	220	-	220	-
24-5044-***.**	Offshore Monitoring	75,504	4,657	70,847	6.2%
24-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
24-5046-***.**	Effluent Chemistry	35,000	1,812	33,188	5.2%
24-5058-***.**	Maintenance Equip. & Facilities (Common) 41-C	1,004	-	1,004	-
24-6500-***.**	IT Allocations in to PC's & Depts.	18,796	1,938	16,858	10.3%
	Total Other Expenses	617,240	15,975	601,265	2.6%
	Total Expenses	844,784	39,393	805,391	4.7%
Total O&M Expenses		18,522,124	2,711,500	15,810,624	14.6%

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

For the Period Ended August 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	175,927	22,777	153,150	12.9%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	91,154	11,802	79,353	12.9%
	Total Payroll Costs	267,081	34,579	232,503	12.9%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	84	3,100	2.6%
01-5023-03-00-00	Office Supplies - All	208	-	208	-
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	-	6,439	-
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	-	1,377	-
01-5061-03-00-00	Mileage	510	21	490	4.0%
01-5309-03-00-00	Operating Leases	9,300	-	9,300	-
01-5705-03-00-00	Monthly Car Allowance	4,200	711	3,489	16.9%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,293	5,651	48,643	10.4%
	Total Other Expenses	82,781	6,466	76,315	7.8%
	Total Engineering Expenses	349,863	41,045	308,818	11.7%

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

For the Period Ended August 31, 2021

(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	998,424	140,401	858,023	14.1%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	300	9,700	3.0%
01-6315-04-00-00	Comp Time - Admin	5,000	473	4,527	9.5%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	517,316	72,746	444,570	14.1%
	Total Payroll Costs	1,530,740	213,920	1,316,820	14.0%
Other Expenses					
01-6018-04-00-00	Public Notices/Public Relations	3,270	-	3,270	-
01-6101-04-00-00	HR Recruitment & Employee Relations	24,350	3,118	21,232	12.8%
01-6102-04-00-00	Subscriptions	2,081	1,363	718	65.5%
01-6103-04-00-00	Contract Labor	50,000	4,036	45,964	8.1%
01-6200-04-00-00	Management Support Services	90,000	7,416	82,584	8.2%
01-6201-04-00-00	Audit	46,000	15,000	31,000	32.6%
01-6202-04-00-00	Legal	220,000	88,251	131,749	40.1%
01-6204-04-00-00	Postage	1,500	286	1,214	19.1%
01-6223-04-00-00	Office Supplies - Admin	4,500	787	3,713	17.5%
01-6224-04-00-00	Office Equipment Admin or IT	1,200	2,907	(1,707)	242.2%
01-6234-04-00-00	Memberships & Trainings	88,000	7,062	80,938	8.0%
01-6239-04-00-00	Travel & Conference	11,000	2,656	8,344	24.1%
01-6241-04-00-00	Education Reimbursement	1,500	904	596	60.3%
01-6310-04-00-00	Miscellaneous	18,000	5,328	12,672	29.6%
01-6311-04-00-00	Mileage	1,236	38	1,198	3.1%
01-6317-04-00-00	Contract Services Misc	5,722	900	4,822	15.7%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	125,761	12,963	112,798	10.3%
01-6601-04-00-00	Shipping/Freight	3,815	1,721	2,094	45.1%
01-6705-04-00-00	Monthly Car Allowance	12,000	2,031	9,969	16.9%
	Total Other Expenses	709,934	156,766	553,168	22.1%
	Total Admin Expenses	2,240,674	370,686	1,869,989	16.5%

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
 For the Period Ended August 31, 2021
 (in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	100,076	14,985	85,091	15.0%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	51,852	7,764	44,088	15.0%
	Total Salary & Fringe	151,928	22,749	129,179	15.0%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	200	800	20.0%
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	-
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	41,026	3,441	37,585	8.4%
01-6301-05-00-00	Hardware Maintenance Agreements	14,726	-	14,726	-
01-6302-05-00-00	Cloud Subscriptions (Internet)	177,328	11,809	165,519	6.7%
01-6303-05-00-00	Telecommunications	165,582	21,075	144,507	12.7%
01-6305-05-00-00	IT Professional Services	92,400	3,749	88,651	4.1%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	40,985	1,672	39,313	4.1%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	28,968	3,928	25,040	13.6%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	12,515	51,658	19.5%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	-	409	(409)	-
	Total Other Expenses	639,198	58,798	580,400	9.2%
	Total Expenses before Allocation	791,126	81,547	709,579	10.3%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(791,126)	(81,547)	(709,579)	10.3%
	Total IT Allocations (Out) to PC's & Depts	(791,126)	(81,547)	(709,579)	10.3%

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

6.M.5.

**Finance Committee
October 19, 2021**

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on October 19, 2021 at 10:30 a.m. 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 Teams Meeting:

DAN FERONS	Santa Margarita Water District	Director
DAVID SHISSLER	City of Laguna Beach	Alternate Director [arrived @ 10:33 a.m.]
DENNIS CAFFERTY	El Toro Water District	Alternate Director
PAMELA ARENDS-KING	South Coast Water District	Alternate Director

Absent:

SERGIO FARIAS	City of San Juan Capistrano	Director
MATT COLLINGS	Moulton Niguel Water District	Director

Staff Participation:

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

Also Participating:

TRACIE STENDER	Procopio Law
KATHRYN FRESHLEY	El Toro Water District
TREVOR AGRELIUS	Moulton Niguel Water District
JASON HAYDEN	El Toro Water District

1. Call Meeting to Order

Chairman Ferons called the meeting to order at 10:31 a.m.

2. Public Comments

None

3. Approval of Minutes

- Finance Committee Meeting of September 21, 2021

ACTION TAKEN

Motion was made by Director Arends-King and seconded by Director Cafferty to approve Finance Committee Meeting Minutes for August 17, 2021 as submitted.

Motion carried: Aye 3, Nay 0, Abstained 1, Absent 2
Director Ferons Aye
Director Shissler Abstain
Director Farias Absent
Director Cafferty Aye
Director Collings Absent
Director Arends-King Aye

4. Financial Reports for the Month of August 2021

ACTION TAKEN

Motion was made by Director Shissler and seconded by Director Arends-King to recommend to the Board of Directors to ratify the August 31, 2021 disbursements for the period of August 1 through August 31, 2021, totaling \$3,118,837, and to receive and file the August 2021 Financial Reports as submitted.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 2
Director Ferons Aye
Director Shissler Aye
Director Farias Absent
Director Cafferty Aye
Director Collings Absent
Director Arends-King Aye

5. Financial Reports for the Month of September 2021

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Arends-King to recommend to the Board of Directors to ratify the September 30, 2021 disbursements for the period of September 1 through September 30, 2021, totaling \$2,474,901, and to receive and file the September 2021 Financial Reports as submitted.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 2
Director Ferons Aye
Director Shissler Aye
Director Farias Absent
Director Cafferty Aye
Director Collings Absent
Director Arends-King Aye

6. Draft Use Audit FY 2020-21 Budget vs. Actual including UAL and OPEB Expense Distribution Percentages, and UAL and OPEB Liabilities distribution by Project Committees and Member Agencies

Ms. Mary Carey, Finance Controller gave a presentation on the Preliminary Use Audit Fiscal Year 2020-21 and provided update on the status of the Pun Group work on the audit. Ms. Carey stated the Audit Report, Annual Comprehensive Financial Report and Supplemental Financial Statements and the Use Audit Book will be presented to the Member Agency Finance Officers before presenting to the Finance Committee in November.

This was an information item; no action was taken.

7. Uniform Purchasing Policy and Procedure – Consideration of Policy Revisions

Ms. Burnett, General Manager presented several items for Committee consideration on Agenda Item 7 including a cumulative list of vendors utilized by SOCWA, the current Uniform Purchasing Policy and Procedure and a redraft of Exhibit 2 as was suggested at the prior Committee meeting that the General Manager would prepare. The General Manager summarized the questions for the Committee as two questions: how much spending authority does the Board desire for the General Manager to have, and does the Board want to limit specific vendors for either the Committee or Board to have the opportunity to select? Ms. Burnett explained the manner in which the staff views serial purchasing whereby there is not a serial purchase question if the purchase is in a different timeframe, a different fiscal year for example, or for a different thing being acquired, or for a different facility. Staff does not consider those types of purchases serial even though the purchase may be from the same entity. Ms. Burnett offered to the Committee members to be provided with the same presentation as before the Board at the October 7, 2021 Board meeting.

Director Ferons, Committee Chairman opened the item for Director comments. Director Cafferty commented that there is a need to give clear direction and there are a lot of variables. He noted that he is of the opinion that the Board expects especially contracts that exceed \$50,000 to come back to the board versus those that are contemplated in the budget approval if those are made clear at the time of the budget approval. It comes down to making sure everything is as clear as possible. Director Arends-King commented as to her thought that mentioning a particular area of \$50,000 in spending during the budget process is a good idea. She noted that the area of discretionary versus non-discretionary and then the \$50,000 limit is the area of focus. Director Ferons concurred that the Committee is not looking at necessarily sweeping changes. Discussion ensued as to the redraft of Exhibit 2 provided with some specifics clarified. Ms. Burnett noted it is easiest for staff to understand which kinds of services or types of vendors the Board wants to see, and as to those that, so long as they are in the budget, it is reasonable for the staff to expend \$50,000 or over. Director Ferons commented that he considers some items discretionary such as conferences & training, fleet/truck maintenance, HVAC repairs, if spending is greater than \$50,000 it should be approved by the Board. In contrast, Dr. Ferons views PERS, insurance, taxes, permit fees and board approved long-term contract commitments as non-discretionary. As an example, if a long-term uniform contract is approved by the Board it would not come back for approval, it is a bill, we have to pay it, we don't have a choice in it. Director Arends-King mentioned that SCE would be a non-discretionary example, but she noted some expenditures are confusing such as maintenance contracts where for software commitments that may not be a choice but for other maintenance contracts there could be a choice in the selection. Director Ferons noted that an approval for a three-year contract at \$20,000 per year totals over \$50,000 so it should be brought to the

Board. Ms. Burnett noted that there would be an opportunity to understand that anything we are buying that is a choice to the extent it could be folded into the budget discussion itself so that there is clarity. Director Cafferty commented as to the list of vendors provided by staff that he would be more efficient to review if the list was cut down to those vendors that historically or are likely to exceed the General Manager's authority. He noted that whether its discretionary or nondiscretionary is irrelevant if its not going to exceed the General Manager's authority. As to purchasing from the same vendor over a period of years, Director Cafferty commented that if you're entering into a contract that's over five years but the contract is going to commit you to more than \$50,000 I think that goes to the Board. Ms. Burnett pointed out that on the list provided some vendors are offering best price options as the service they provide; an example is purchasing of laboratory supplies. Staff has the option of selecting among accumulated best price options within one vendor. Director Ferons asked of staff whether the supplied list could be broken out into multiple years in order that the Directors could consider expenditures by fiscal year. Staff indicated that could be done. He noted that for engineering services and consulting services he assumes most of those are brought to the Board. It's the area of professional services that gets more scrutiny than purchasing at Staples. Ms. Burnett noted that based on the comments staff would break the list down further and committed to do that work soon so that the Committee would have the time to review prior to the next meeting. Director Ferons noted there is more work to be done and asked for the item to be on the agenda for the next meeting.

This was an information item; no action was taken.

Adjournment

There being no further business, Director Ferons adjourned the meeting at 11:57 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 October 19, 2021 and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Betty Burnett, General Manager/Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

6.0.

Board of Directors Meeting

Meeting Date: December 9, 2021

TO: Board of Directors
FROM: Betty Burnett, General Manager
SUBJECT: General Manager's Status Report

Administration

Upcoming Meeting Schedule Revisions

Board Members and Agency Staff please note for your calendars that the SOCWA Finance Committee meeting set December 21, 2021 has been cancelled. The next SOCWA Finance Committee meeting will be held on January 18, 2021.

The SOCWA Engineering Committee meeting set for December 15, 2021 has also been cancelled. The next SOCWA Engineering Committee will be held on January 13, 2021.

The Staff is working with the community center known as The Ranch in Aliso Viejo as the location for the upcoming all hands meeting to discuss the JPA Revision Process with a focus on the withdrawal language and IRWD/CSJC withdrawal requests. The meeting date selected is January 28, 2021, 9:00 a.m. to 1:00 p.m. Invitees for each agency may include an elected representative, executive and counsel. The Ranch property is located at 100 Park Avenue and will offer a large and open meeting room opportunity for what is anticipated to be a well-attended meeting. The location has audiovisual capabilities and wi-fi for the ease of communications and meeting recordings. The approximate cost of the site is \$2200 for a four hour meeting window.

The January Board meeting is on calendar for January 6, 2021 and staff is asking for input from the Board as to expected attendance and option to cancel that date.

SB 1383 Update from County of Orange Waste and Recycling

The Director of Operations and SOCWA GM spoke with Tom Koutroulis, Director of OC Waste and Recycling regarding an upcoming meeting of the wastewater agencies with the County to discuss organics reuse and recycling opportunities. The County is focused on opportunities to meet the short lived organics reduction requirements set by the Cal Recycle objectives with a report due from OC by August 1, 2022 to address organics recycling goals and capacity planning. The County is looking for agency input as to the willingness to participate in co-digestion for commercial/other food waste and/or other opportunities to create beneficially reusable biosolids at locations off-site of the plant facilities. As an example, the County would consider moving to covered, static aeration composting for biosolids, green waste, food waste and manure. Mr. Koutroulis described already available small systems in OC as applicable to "greenery" composting at Bee Cave, Brea and Capistrano facilities. He described the challenges as the collection, source separation, transport and marketing of co-digested materials. He noted that Orange County is number three in the State for the amount of waste produced, and he noted that an OC solution is important to meeting State goals. This may mean that funding sources toward program objectives will be available into the future. The meeting objective is to include all OC wastewater plant representatives in the discussion of options, opportunities, and requirements.

South Orange County Wastewater Authority
Proposed
2022 Board Meeting Calendar

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

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

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

2022 Conference Dates:

CASA Winter Conference	January 19-21, 2022	Palm Springs, CA
AWWA/WEF Utility Mgmt. Conf	February 21-24, 2022	San Antonio, TX
Water Reuse Conference	March 5-9, 2022	Sacramento, CA
CWEA Annual Conference	April 11-14, 2022	Sacramento, CA
ACWA Spring Conference	May 3-6, 2022	Sacramento, CA
CAJPA Conference	September 13-16, 2022	Lake Tahoe Resort
WEFTEC Annual Conference	October 8-12, 2022	New Orleans, LA
CRWUA Annual Conference	December 14-16, 2022	TBD

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

SOCWA Meetings are held virtually via Zoom until further notice
34156 Del Obispo Street, Dana Point, California

Red numbered dates indicate SOCWA holidays and weekends