

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



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

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

April 7, 2022
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 SEVENTY-TWO (72) 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 SEVENTY-TWO (72) 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 SEVENTY-TWO (72) 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: 884 8970 8638

Passcode: 678340

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South Orange County Wastewater Authority
Board of Directors Meeting
April 7, 2022, 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.

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4. AB 361 – Allowing for Virtual Meetings – Findings and Approval to continue virtual meetings..... 1

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

- A. The Board hereby FINDS AND DECLARES that it has considered the circumstances of the proclaimed state of emergency declared by the Governor on March 4, 2020, relating to the Covid-19 pandemic;
- B. Based on the information provided in this staff report and pursuant to the information and discussion presented in the April 7, 2022, Board meeting, the Board hereby FINDS AND DECLARES that as a result of the Covid-19 pandemic, meeting in person presents imminent risks to the health or safety of attendees, and directly impacts the ability of the members to meet safely in person; and that state and/or local officials continue to impose or recommend measures to promote social distancing;
- C. The Board hereby makes these findings and approves for the upcoming 30-day period, April 7, 2022, to May 6, 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.
- D. Staff is hereby directed to notice the upcoming board and committee meetings as a virtual meeting if the proclaimed state of emergency remains, and to place AB 361 findings on the agenda for consideration at May 12, 2022, Special Board 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.

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5. CONSENT CALENDAR

- A. Minutes of Board of Directors 21
- Board of Directors Regular Meeting of March 3, 2022
- ACTION The Board will be requested to approve subject Minutes.
- B. Minutes of PC 2 Committee 27
- PC 2 Committee Meeting of March 10, 2022
- ACTION The PC 2 Board 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 15 Committee 29
- PC 15 Committee Meeting of March 17, 2022
- ACTION The PC 15 Board 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 Finance Committee 32
- Finance Committee Meeting of February 15, 2022
- ACTION The Board of Directors will be requested to receive and file subject Minutes.
- E. Financial Reports for the Month of January 2022 36
- The reports included are as follows:
1. Summary of Disbursements for January 2022 (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)
- ACTION The Finance Committee recommends that the Board of Directors ratify the January 2022 disbursements for the period from January 1, 2022 through January 31, 2022, totaling \$3,838,632, and to receive and file the January 2022 Financial Reports as submitted.

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F. Financial Reports for the Month of February 2022 54

The reports included are as follows:

1. Summary of Disbursements for February 2022 (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)

ACTION The Finance Committee recommends to the Board of Directors to ratify the February 2022 disbursements for the period from February 1, 2022, through February 28, 2022, totaling \$3,585,087, and to receive and file the February 2022 Financial Reports as submitted.

G. Actuary Firms Open Task Orders, Authorization for Two-Years Services Totaling \$15,000 for Work of Bartel Associates and Nyhart 72

ACTION The Finance Committee recommends that the Board of Directors authorize the General Manager to acquire the services of Bartel Associates and Nyhart over a two-year period in the amount of \$15,000.

H. Operations Reports February 2022 73

1. Monthly Operations Report
2. SOCWA Ocean Outfall Discharges by Agency
3. Beach Ocean Monitoring Report
4. Recycled Water Report
5. Pretreatment Report

ACTION The Board will be requested to receive and file the January 2022 Operations Reports.

I. Capital Improvement Program Status Report 114

ACTION Information Item

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Board of Directors Meeting
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J. Capital Improvement Program Construction Projects Report [Project Committees 2, and 15]	120
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- ACTION The Engineering Committee recommends:
- that the PC 2 Board of Directors approve S&S Mechanical Change Order 1 for \$5,503.44 for the J.B. Latham Digester 1 and 2 Manway Access Improvements Project: and
 - that the PC 15 Board of Directors approve JR Filanc Change Orders 12 through 23 totaling a credit of \$256,640.41 for the CTP Export Sludge Force Main Replacement Project.

6. GENERAL MANAGER'S REPORTS

A. Actuary Third Amendment to San Diego Funding Area Memorandum of Understanding for Integrated Regional Water Management (IRWM) Planning and Funding	126
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- ACTION Staff recommends that the Board of Directors to authorize the Chair to sign the 3rd Amendment to the Tri-County Funding Area Agreement in form and substance consistent with the attached version with allowance for any minor non-substantive comments that may be submitted by other parties.

B. AWT#2 Equipment Purchases [Project Committee 17]	135
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- ACTION Staff recommends that the Board of Directors authorize the purchase of a 12" Cla valve and an 8" Cla valve at the cost of \$51,822.36, plus shipping that will be determined at the time of shipping.

C. Extension of Amendment to the Waste Disposal Agreement with OC Waste and Recycling [Project Committee 17]	136
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- ACTION Staff recommends that the Board of Directors authorize the Board Chair to provide a written intent to renew the Waste Disposal Agreement between the South Orange County Wastewater Authority and the County of Orange (OC Waste and Recycling).

D. General Counsel's Updates	139
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E. General Manager's Report 141

ACTION Information Items, Board Discussion and Direction

F. Upcoming Meetings Schedule:

- April 12, 2022 Special Meeting Board Closed Session
- April 14, 2022 Engineering Committee Meeting
- April 19, 2022 Finance Committee Special Meeting

ACTION Information Item

7. CLOSED SESSION

A. A Closed Session pursuant to government code section § 54957.6

- Conference with Labor Negotiators

Agency designated negotiators: Betty Burnett, General Manager and Brad
Neufeld of Varner & Brandt

Employee organization: SOCWA Employees Association

B. Report out of Closed Session.

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 are present a unanimous vote.]

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING
MAY 12, 2022

Agenda Item

4

Board of Directors Meeting

Meeting Date: April 7, 2022

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 March 3, 2022 Board Meeting, the SOCWA Board held its March Board, Committee and PC meetings virtually under AB 361. The Board's 30-day findings expired on April 2, 2022.

California continues to be in a proclaimed state of emergency. The Omicron variant is highly transmissible and has been identified in Orange County. The current County of Orange Health Officer's Orders and Strong Recommendations revised March 24, 2022 (attached to this staff report) contain "strong recommendations" promoting social distancing for 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 use 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 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 March 24, 2022 (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 3/29/2022:

- Cumulative Cases: 546,751
- Daily Positive Cases: 307
- Cumulative Deaths: 6,875
- Daily (new) Deaths Reported Today: 11
- Cumulative PCR Tests: 8,136,337
- Weekly PCR Tests: 74,434
- Cases Currently Hospitalized: 98
- Cases Currently in ICU: 17

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, IN LIGHT OF THE ABOVE, STAFF RECOMMENDS THE BOARD OF DIRECTORS APPROVE THE FOLLOWING FINDINGS AND ACTIONS:

- A. The Board hereby FINDS AND DECLARES that it has considered the circumstances of the proclaimed state of emergency declared by the Governor on March 4, 2020 relating to the Covid-19 pandemic;
- B. Based on the information provided in this staff report and pursuant to the information and discussion presented in the April 7, 2022 Board meeting, the Board hereby FINDS AND DECLARES that as a result of the Covid-19 pandemic, meeting in person presents imminent risks to the health or safety of attendees, and directly impacts the ability of the members to meet safely in person; and that state and/or local officials continue to impose or recommend measures to promote social distancing;
- C. The Board hereby makes these findings and approves for the upcoming 30-day period, April 7, 2022 to May 7, 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.

- D. Staff is hereby directed to notice the upcoming board and committee meetings as a virtual meeting if the proclaimed state of emergency remains, and to place AB 361 findings on the agenda for consideration at May 12, 2022 Regular Board 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.



REGINA CHINSIO-KWONG, DO
COUNTY HEALTH OFFICER

MATTHEW ZAHN, MD
DEPUTY COUNTY HEALTH OFFICER/MEDICAL DIRECTOR CDCD

405 W. 5TH STREET, 7TH FLOOR
SANTA ANA, CA 92701
www.ocalthinfo.com

**COUNTY OF ORANGE HEALTH OFFICER'S
ORDERS AND STRONG RECOMMENDATIONS
(Revised March 24, 2022)**

In light of recent Face Mask Guidance issued by the California Department of Public Health (CDPH) and certain recent orders issued by the State Public Health Officer regarding COVID-19 vaccine requirements, 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 March 11, 2022. The Orders and Strong Recommendations issued on March 11, 2022, are no longer in effect as of March 24, 2022.

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 of Persons with COVID-19 Order

NOTE: This Self-Isolation Order DOES NOT in any way restrict access by first responders to an isolation site during an emergency.

1. Persons who are symptom-free but test positive for COVID-19.

If you do not have any COVID-19 symptoms (as defined below in this Order) but test

positive for COVID-19, you shall immediately isolate yourself in your home or another suitable place for at least 5 days from the date you test positive and may end your self-isolation after day 5:

- If you continue not having any COVID-19 symptoms and a diagnostic specimen collected on day 5 or later tests negative.
 - While an antigen test, nucleic acid amplification test (NAAT), or LAMP test are acceptable, use of an antigen test is recommended. Use of Over-the-Counter tests are also acceptable to end isolation.

Exceptions.

- 1) If you are unable or choose not to test on day 5 or after, or if you test positive after day 5, you shall continue your self-isolation through day 10 from the date of your initial positive test and may end your self-isolation after 10 days from the date of your initial positive test.
- 2) If you develop COVID-19 symptoms during the time of your self-isolation, you shall isolate yourself for at least 10 days from the date of symptom(s) onset. You may end your self-isolation sooner if a diagnostic specimen collected on day 5 (or later) from the date of symptom(s) onset tests negative.

All persons who test positive for COVID-19 should continue to wear a well-fitting mask at all times around other people through day 10.

2. Persons who have COVID-19 symptoms.

If you have COVID-19 symptoms, you shall immediately isolate yourself in your home or another suitable place for 10 days from the date of your symptom(s) onset and may end your self-isolation sooner under any of the following conditions:

- If your symptoms resolve within the first 24 hours of onset without any fever reducing agents.

- If a diagnostic specimen collected as early as the date of your symptom(s) onset tests negative.
 - While an antigen test, nucleic acid amplification test (NAAT), or LAMP test are acceptable, use of an antigen test is recommended. Use of Over-the-Counter tests are also acceptable to end isolation.
- If you obtain an alternative diagnosis from a healthcare provider.

Exception:

If you have COVID-19 symptoms and test positive for COVID-19, you shall isolate yourself for at least 10 days from the date of symptom(s) onset. You may end your self-isolation sooner if a diagnostic specimen collected on day 5 (or later) from the date of symptom(s) onset tests negative.

You are not required to self-isolate for more than 10 days from the date of your COVID-19 symptom(s) onset regardless of whether your symptoms are present on Day 11.

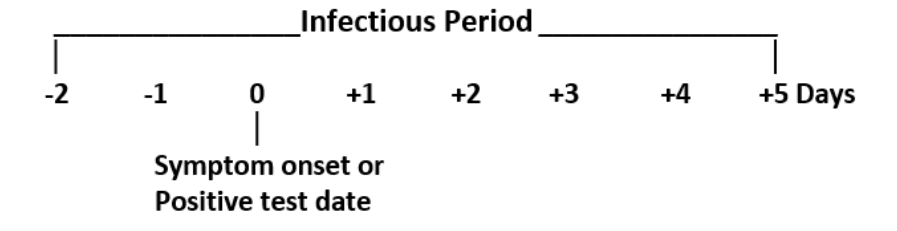
All persons who have COVID-19 symptoms should continue to wear a well-fitting mask at all times around other people through at least Day 10.

Additional Considerations for Self-Isolation.

- 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 5 days and up to 20 days after symptoms first appeared. People with weakened immune systems should talk to their healthcare provider for more information.

Timing for “Day 0”- As noted in CDPH Isolation and Quarantine Q&A, the 5-day clock for isolation period starts on the date of symptom onset or (day 0) for people who test

positive after symptoms develop, or initial test positive date (day 0) for those who remain asymptomatic. If an asymptomatic person develops symptoms, and test positive, date of symptom onset is day 0.



Note: In workplaces, employers and employees are subject to the Isolation and quarantine requirements as stated in the CalOSHA COVID-19 Emergency Temporary Standards (ETS) as modified by the Governor’s Executive Order N-5-22 or in some workplaces the Cal/OSHA Aerosol transmissible Diseases (ATD) Standard. Information about CalOSHA COVID-19 Emergency Temporary Standards (ETS) can be found at <https://www.dir.ca.gov/dosh/coronavirus>.

Definition.

Whenever the term “symptom” or “*COVID-19 symptom*” is used, it shall mean COVID-19 symptom. 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.

II. Face-Coverings/Masks:

To help prevent the spread of droplets containing COVID-19, all County residents and visitors are strongly recommended to wear face coverings in accordance with and as required by the Guidance for the Use of Face Coverings issued by CDPH, effective March 1, 2022. The Guidance is attached herein as Attachment "A" and can be found at:

A: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/guidance-for-face-coverings.aspx>.

Masks are required for all individuals in the following indoor settings, regardless of vaccination status:

- Public Transit and in transportation hubs- Masks guidance/requirement is subject to Federal Requirements and guidance found at <https://www.cdc.gov/coronavirus/2019-ncov/travelers/face-masks-public-transportation.html> Examples: airplanes, ships, ferries, trains, subways, buses, taxis, and ride-shares) and in transportation hubs (examples: airports, bus terminals, marina, train station, seaport or other port, subway station, or any other area that provides transportation).
- Emergency shelters and cooling and heating centers.
- Healthcare settings (applies to all healthcare settings, including those that are not covered by State Health Officer Order issued on July 26, 2021).
- Local correctional facilities and detention centers.
- Long Term Care Settings & Adult and Senior Care Facilities.

NOTE: In workplaces, employers are subject to the Cal/OSHA COVID-19 Emergency Temporary Standards (ETS) as modified by the [Governor's Executive Order N-5-22](#) or in

some workplaces the Cal/OSHA Aerosol Transmissible Diseases (ATD) Standard and should consult those regulations for additional applicable requirements.

NOTE: In accordance with State Health Officer Order, issued on July 26, 2021, and found at <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>, in certain healthcare situations or settings, surgical masks are required.

No person shall 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 this mask order:
 - Persons younger than two years old.
 - 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.

III. Health Care Workers COVID-19 Vaccine Requirement Order:

To help prevent transmission of COVID-19, all workers who provide services or work in facilities described below shall comply with the COVID-19 vaccination and booster dose requirements as set forth in the February 22, 2022, 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:

B: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Health-Care-Worker-Vaccine-Requirement.aspx>

Facilities covered by this order include:

- 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
- o. The word, "worker," as used in this Order shall have the same meaning as defined in the State Health Officer's Order, dated December 22, 2021.

IV. Requirements and Guidance for Specific Facilities

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, issued on July 26, 2021 and 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:

C: <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>

Facilities covered by this order include:

- 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

1. 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:

D: <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.

2. 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 December 22, 2021, shall comply with the State Health Officer's Order with regards to obtaining COVID-19 vaccination and booster doses. A copy of the State Health Officer Order is attached herein as Attachment "E" and can be found at the following link:

E: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Health-Care-Worker-Vaccine-Requirement.aspx>

3. Adult Care Facilities and Direct Care Worker Vaccination Requirements.

To help prevent transmission of COVID-19, all individuals specified below shall comply with the COVID-19 vaccination and booster dose requirements as set forth in the February 22, 2022, State Health Officer Order. A copy of the State Health Officer Order is attached herein as Attachment "F" and can be found at the following link:

F: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Order-of-the-State-Public-Health-Officer-Adult-Care-Facilities-and-Direct-Care-Worker-Vaccine-Requirement.aspx>

Individuals covered by this order include:

- All workers who provide services or work in Adult and Senior Care Facilities licensed by the California Department of Social Services;

- All in-home direct care services workers, including registered home care aides and certified home health aides, except for those workers who only provide services to a recipient with whom they live or who are a family member of the recipient for whom they provide services;
- All waiver personal care services (WPCS) providers, as defined by the California Department of Health Care Services, and in-home supportive services (IHSS) providers, as defined by the California Department of Social Services, except for those workers who only provide services to a recipient with whom they live or who are a family member of the recipient for whom they provide services;
- All hospice workers who are providing services in the home or in a licensed facility; and
- All regional center employees, as well as service provider workers, who provide services to a consumer through the network of Regional Centers serving individuals with developmental and intellectual disabilities, except for those workers who only provide services to a recipient with whom they live or who are a family member of the recipient for whom they provide services.

4. 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 issued February 7, 2022. A copy of the State Health Officer Order is attached herein as Attachment "G" and can be found at the following link:

G. <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>

V. Seasonal Flu Vaccination Order:

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 of 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. Self-quarantine of Persons Exposed to COVID-19

- If you are known to be exposed to COVID-19 (regardless of vaccination status, prior disease, or occupation), it is strongly recommended to follow CDPH Quarantine guidance found at <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Guidance-on-Isolation-and-Quarantine-for-COVID-19-Contact-Tracing.aspx>.
- **K-12 Schools and Child Care**
 - Schools/school districts are advised to follow CDPH COVID-19 Public Health Guidance for K-12 Schools in California, 2021-2022 School Year found at: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/K-12-Guidance-2021-22-School-Year.aspx>
 - Child care providers and programs are advised to follow CDPH Guidance for Child Care Providers and Programs found at: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Child-Care-Guidance.aspx>.
- **Workplaces**
 - In workplaces, employers and employees are subject to the Quarantine requirement as stated in the Cal/OSHA COVID-19 Emergency Temporary Standards (ETS) as modified by the Governor's Executive Order N-5-22 or in some workplaces the Cal/OSHA Aerosol Transmissible Diseases (ATD) Standard.

Exposed to COVID-19 or exposure to COVID-19 mean to be within 6 feet of someone who has COVID-19 for a cumulative total of 15 minutes or more over a 24-hour period.

2. **For Vulnerable Populations.** 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, including boosters, 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>.
3. **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. 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.

CDC Guidance can be found at: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/specific-groups.html>
4. **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.
5. **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) remain up-to-date as defined by CDC with COVID-19 vaccination. CDC Guidance can be found at: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/specific-groups.html>
6. 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 March 23, 2022, the County has reported a total of 546,125 recorded confirmed COVID-19 cases and 6,857 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. The CDPH issued a revised Guidance for the Use of Face Coverings, effective March 1, 2022, available at: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/guidance-for-face-coverings.aspx>

8. 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>

9. 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 or boosted; (ii) there is limited supply of therapeutic options for high-risk individuals who have a high risk of exposure to COVID-19 or have mild-moderate COVID-19 infection; (iii) the current consensus among public health officials for slowing down the transmission of and avoiding contracting COVID-19 is for at-risk persons to complete a COVID-19 vaccination series and receive a booster if eligible, wear well-fitted mask in indoor settings when around others outside of their household, practice distancing, frequently wash hands with soap (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 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.

10. 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.
11. 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.
12. 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.
13. 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.
14. 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: March 24, 2022

A handwritten signature in black ink, appearing to read "Regina Chinsio-Kwong DO".

Regina Chinsio-Kwong, DO
County Health Officer
County of Orange

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

DRAFT

March 3, 2022

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors was held on March 3, 2022, at 8:30 a.m. from their Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Board of Directors were present 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
DOUG REINHART	Irvine Ranch Water District	Director
TONI ISEMAN	City of Laguna Beach	Director
DAN FERONS	Santa Margarita Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director
STEVE MAY	City of San Juan Capistrano	Alternate Director
DAVE REBENS DORF	City of San Clemente	Director [arrived @ 8:43 a.m.]

Staff Present:

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

Also Present:

TRACIE STENDER	Procopio Law
BRAD NEUFELD	Varner & Brandt LLC
SHERRY WANNINGER	Moulton Niguel Water District
RICK SHINTAKU	South Coast Water District
DON FROELICH	Moulton Niguel Water District
TREVOR AGRELIUS	Moulton Niguel Water District
DENNIS CAFFERTY	El Toro Water District
MIKE GASKINS	El Toro Water District
JASON HAYDEN	El Toro Water District
FERNANDO PALUDI	Trabuco Canyon Water District
ROD WOODS	Moulton Niguel Water District
Drew Atwater	Moulton Niguel Water District
Hannah Johnson	City of Laguna Beach

1. CALL TO ORDER

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

2. PLEDGE OF ALLEGIANCE – Director Dan Ferons

3. ORAL COMMUNICATIONS

None.

4. CONSENT CALENDAR

Director Ferons pulled agenda item 4N for clarification.

N. AB 361 – Allowing for Virtual Meetings – Findings and Approval to continue virtual meetings

ACTION TAKEN

Motion was made by Director Ferons and seconded by Director Dunbar to approve the findings and actions:

1. The Board hereby FINDS AND DECLARES that it has considered 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 March 3, 2022, Board meeting, the Board hereby FINDS AND DECLARES that as a result of the Covid-19 pandemic, meeting in person presents imminent risks to the health or safety of attendees, and directly impacts the ability of the members to meet safely in person; and 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, March 3, 2022, to April 2, 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 upcoming board and committee meetings as a virtual meeting if the proclaimed state of emergency remains, and to place AB 361 findings on the agenda for consideration at April 7, 2022, Regular Board 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.

Motion carried: Aye 9, Nay 0, Abstained 0, Absent 1
Director Dunbar Aye
Director Freshley Aye
Director Dopudja Aye
Director Collings Aye
Director Reinhart Aye
Director Iseman Aye
Director Ferons Aye
Director Goldman Aye
Director May Aye
Director Rebensdorf Absent

At the discretion of Chairman Collings, the Board convened to Closed Session to address agenda item 7.1. only at 8:37 a.m.

7. CLOSED SESSION

1. A Closed Session was held pursuant to government code section § 54957 to discuss Public employee discipline/dismissal/release.

The Board reconvened to Open Session at 8:48 a.m. There were no reportable actions.

4. CONSENT CALENDAR

ACTION TAKEN

Motion was made by Director Freshley and seconded by Director Dunbar to approve the Consent Calendar Agenda items including corrections to 4A (Minutes of the Regular Board of Directors Meeting February 3, 2022, as follows:

(4A thru 4M)

- A Minutes of Regular Board of Directors - February 3, 2022
- B Minutes of Executive Committee - February 14, 2022
- C Minutes of PC 23 Committee - February 14, 2022
- D Minutes of PC 12 Committee - January 19, 2022
- E Minutes of Engineering Committee - January 13, 2022
- F Minutes of Finance Committee - November 16, 2021
- G Financial Reports for the Month of November 2021
- H Financial Reports for the Month of December 2021
- I Q2 FY 2021-22 Cash Roll Forward as of December 31, 2021
- J Uniform Purchasing Policy and Procedure – Proposed Revisions
- K Operations Report January 2022
- L Capital Improvement Program Status Report
- M Capital Improvement Program Project Financial Status and Change Orders

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(Continuation of agenda item 4A thru 4M)

Motion carried: Aye 9, Nay 0, Abstained 0, Absent 1

Director Dunbar	Aye
Director Freshley	Aye
Director Dopudja	Aye
Director Collings	Aye
Director Reinhart	Aye
Director Iseman	Aye
Director Feron	Aye
Director Goldman	Aye
Director May	Aye
Director Rebensdorf	Absent

5. ENGINEERING MATTERS

- A. JBL Package B Temporary Flow Monitoring – Authorization to continue ADS Contract [Project Committee 2]

ACTION TAKEN

Motion was made by Director Feron and seconded by Director Collings to authorize the General Manager to continue flow metering services provided by ADS Environmental in an amount not to exceed \$112,200 for the remaining time period of the Package B Project.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent

Director Collings	Aye
Director Feron	Aye
Director Goldman	Aye
Director May	Aye

6. GENERAL MANAGER'S REPORTS

- A. Commodity Purchase with Industrial Solution Services for 40% Urea [Project Committees 2 and 17]

ACTION TAKEN

Motion was made by Director Feron and seconded by Director Dunbar to authorize the General Manager to purchase 40% Urea in a not to exceed \$125,000 over the coming two years from a qualifying vendor.

Motion carried: Aye 7, Nay 0, Abstained 0, Absent 0

Director Dunbar	Aye
Director Freshley	Aye
Director Collings	Aye
Director Iseman	Aye
Director Feron	Aye
Director Goldman	Aye
Director May	Aye

- B. Biosolids Management Update (Verbal Report)

Mr. Jim Burror, Director of Operations reported on Biosolids Bidding Summary comparison. An open discussion ensued.

This was an information item; no action was taken.

C. General Counsels Update

Ms. Tracie Stender of Procopio Law gave an update on the provisions to the Brown Act, lobbying efforts based on the member agencies support of the CASA Climate Change Program Manager Funding, and the upcoming All-Hands Board of Directors meeting.

This was an information item; no action was taken.

D. General Manager's Report

Ms. Burnett, General Manager, and Ms. Baylor updated the Board on the CSRMA Worker's Compensation Excellence Award. Ms. Baylor also reported on the Solids and Flows Report in relation to the NPDES permits. An open discussion ensued.

This was an information item; no action was taken.

The Board convened to Closed Session to address the remainder of the Closed Session agenda items at 9:38 a.m.

The Board reconvened to Open Session at 10:12 a.m.

7. CLOSED SESSION

1. Item 1 Closed Session was conducted at the beginning of the meeting as noted above.
2. A Closed Session was held pursuant to Government Code Section § 54957(a) to discuss Cyber Security/Security of Essential Public Services.

There was no reportable action for Item 2.

ADJOURNMENT

There being no further business, Director Collings adjourned the at 10:12 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 March 3, 2022, and approved by the Board of Directors of the South Orange County Wastewater Authority.

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

Biosolids Bidding Summary - 2021 to current

3/3/2022

City El Centro			Class B	SOCWA Est Eq Costs (per ton)
Skousen Farms Partnership	\$69.80	per ton	Dateland, AZ - 127 miles from El Centro (320 from SOCWA Nov-21 additional 193 miles or \$38.60 per ton or \$95.20 per ton)	\$108.40
Ag Tech	Non-responsive			
City of Corona			Class B	
Synagro	\$63.00	per ton	Aug-21 Arizona plus fuel change surcharge if above \$4.316 /gallon	
Synagro (with fuel surcharge)	\$65.30	per ton	Est per ton with surcharge (extra 55 miles on 230 miles to AZ from Corona extra about \$11 per ton resulting in \$76.00 per ton)	\$76.00
IEUA			Class B	
Denali	\$68.50	per ton	Est per ton with surcharge (extra 50 miles on 230 miles to AZ May-21 from Corona extra about \$10 per ton resulting in \$78.50 per ton)	\$78.50
Tule Ranch				
No bids in the last 18 months - Requested proposal from vendor.				
SOCWA Contracts			Sub-class B	
Nusery Products - Synagro	\$59.89	per ton	21-Nov Hawes, San Bernardino (outside Hinkley)	\$59.89
South Kern - Synagro	\$72.07	per ton	21-Nov Taft, Kern County (outside Bakersfield)	\$72.07

Note: For adding hauling distance costs to compare management options SOCWA past bids show that the hauling costs are \$0.20 per mile.

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

DRAFT

PC 2 Committee Meeting

March 10, 2022

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Project Committee 2 was held on March 10, 2022 at 8:00 a.m. via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of Project Committee 2 were present via Zoom Meeting:

MATT COLLINGS	Moulton Niguel Water District	Director / Engr. Comm.
SCOTT GOLDMAN	South Coast Water District	Director
DON BUNTS	Santa Margarita Water District	Alternate Director/ Engr. Comm. [arrived @ 8:09 a.m.]
STEVE MAY	City of San Juan Capistrano	Alternate Director/Engr. Comm.

Other Members of the PC 2 Engineering Committee present were:

MARC SERNA	South Coast Water District
ROD WOODS	Moulton Niguel Water District

Staff Participation:

BETTY BURNETT	General Manager
JIM BURROR	Director of Operations
DAVID BARANOWSKI	Senior Engineer
RONI YOUNG	Associate Engineer
JEANETTE COTINOLA	Procurement/Contracts Manager
ERNIE LEAL	Chief Operator
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Participating:

TARYN KJOLSING	South Coast Water District
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1. Call Meeting to Order

Chairman Collings called the meeting to order at 8:07 a.m.

2. Public Comments

None.

3. J. B. Latham Package B Approvals [Project Committee 2]

- A. Solids Contingency Increase
- B. Package B Change Orders

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Bunts to combine approve agenda item 3A and 3B as follows:

3A. Approve the addition of \$200,000 of contingency to the J.B. Latham Package B Solids Project (3287-000) for a total Solids contingency of \$1,857,400; and

3B. Approve Olsson Construction Change Orders numbered 35 for \$7,256.05, Change Order 36 for \$45,374.13, Change Order 37 for \$34,505.41, Change Order 38 for \$9,274.98, Change Order 39 for \$7,149.86, Change Order 40 for (\$2,309.09), and Change Order 41 for \$59,403.53, for a total of \$160,654.87 and a revised contract value of \$18,698,172.38 for the J.B. Latham Package B project.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent
Director Collings	Aye
Director Goldman	Aye
Director Bunts	Aye
Director May	Aye

C. Authorization to Issue Change Order Payments for Package B on Engineering Committee Approval

Director Bunts suggested the date and time be specified on all of Change Orders, and if field is blank, staff should write in information accordingly.

ACTION TAKEN

Motion was made by Director Bunts and seconded by Director Goldman to authorize the General Manager to issue payments within contingency amounts for Change Orders for Package B work after consideration and approval by the Engineering Committee in order to shorten time for flow of funding to the Contractor, and to report the approvals to the Board as an information item.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent
Director Collings	Aye
Director Goldman	Aye
Director Bunts	Aye
Director May	Aye

Adjournment

There being no further business, Chairman Collings adjourned the meeting at 8:45 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Joint Meeting of the South Orange County Wastewater Authority Engineering Committee, and Project Committee 2 Board held on March 10, 2022, and approved by the Project Committee No. 2, 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

PC 15 Committee Meeting

March 17, 2022

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Project Committee 15 was held on March 17, 2022 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 15 were present via Zoom Meeting:

TONI ISEMAN	City of Laguna Beach	Director
MIKE DUNBAR	Emerald Bay Service District	Director /Engr. Comm.
MATT COLLINGS	Moulton Niguel Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director [arrived @ 9:05 a.m.]

Other Members of the PC 15 Engineering Committee present were:

DAVID SHISSLER	City of Laguna Beach
MARC SERNA	South Coast Water District
ROD WOODS	Moulton Niguel Water District

Staff Participation:

BETTY BURNETT	General Manager
JIM BURROR	Director of Operations
DAVID BARANOWSKI	Senior Engineer
RONI YOUNG	Associate Engineer
JAMES JONES	Chief Operator
JEANETTE COTINOLA	Procurement/Contracts Manager
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Participating:

MIKE METTS	DUDEK Engineers
RICK SHINTAKU	South Coast Water District
TARYN KJOLSING	South Coast Water District
SHERRY WANNINGER	Moulton Niguel Water District

1. Call Meeting to Order

Chairman Dunbar called the meeting to order at 8:01 a.m.

2. Public Comments

None.

3. Aliso Creek Environmental Restoration and Mitigation Update
[Project Committee 15]

Mr. Mike Metts of Dudek Engineers gave a presentation of the project status update on the Aliso Creek bank stabilization and mitigation site. An open discussion ensued.

This was an information item; no action was taken.

4. Aliso Creek Environmental Restoration Site Preparation Contract Award
[Project Committee 15]

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Iseman to approve the award of \$49,250.00 to Habitat Restoration Sciences, Inc. for soil preparation for the Coastal Treatment Plant Sludge Force Main Project.

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

5. Aliso Creek Environmental Restoration Hydroseed Contract Award
[Project Committee 15]

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Dunbar to approve the award of \$63,445.14 to Pacific Rim Hydroseed for restoration hydroseeding for the Coastal Treatment Plant Sludge Force Main Project.

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

6. Aliso Creek Environmental Restoration Biological Monitoring and Maintenance Contract Award
[Project Committee 15]

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Dunbar to approve the award of \$90,530.00 to Dudek for restoration biological monitoring and maintenance for the Coastal Treatment Plant Sludge Force Main Project.

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

7. Aliso Creek Environmental Restoration Watering Contract Authorization
[Project Committee 15]

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Iseman to authorize the General Manager to acquire watering services for a not to exceed \$75,000.00 in value to provide for watering of the mitigation area of the Coastal Treatment Plant Sludge Force Main Project site, and to use recycled water where recycling water requirements are met.

(continuation of agenda item 7)

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

8. Aliso Creek Environmental Restoration Environmental and Engineering Support Contract Amendment

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Iseman to approve the addition of \$25,000.00 for the services of Dudek Engineering in support of the project mitigation for the CTP Export Sludge Force Main Project.

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

9. Aliso Creek Environmental Mitigation Community Outreach Contract Authorization

Director Collings requested more discussion about the scope of work before plans are implemented.

ACTION TAKEN

Motion was made by Director Iseman and seconded by Director Goldman to authorize the General Manager to acquire up to \$20,000.00 in community outreach services related to the Coastal Treatment Plant Sludge Force Main Project.

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

There being no further business, Chairman Dunbar adjourned the meeting at 9:54 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. 15 of March 17, 2022 and approved by the Project Committee No. 15 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
Finance Committee**

February 15, 2022

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on February 15, 2022 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
DENNIS CAFFERTY	El Toro Water District	Alternate Director
PAMELA ARENDS-KING	South Coast Water District	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Director
STEVE MAY	City of San Juan Capistrano	Alternate Director

Staff Participation:

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

Also Participating:

ADRIANA OCHOA	Procopio Law
KATHRYN FRESHLEY	El Toro Water District
SHERRY WANNINGER	Moulton Niguel Water District
JASON HAYDEN	El Toro Water District
TREVOR AGRELIUS	Moulton Niguel 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 November 16, 2021

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Cafferty to approve Finance Committee Meeting Minutes for November 16, 2021 as submitted.

Motion carried:	Aye 5, Nay 0, Abstained 1, Absent 0
Director Ferons	Aye
Director Shissler	Aye
Director May	Abstain
Director Cafferty	Aye
Director Collings	Aye
Director Arends-King	Aye

4. Financial Reports for the Month of November 2021

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Arends-King to recommend to the Board of Directors to ratify the November 2021 disbursements for the period of November 1 through November 30, 2021, totaling \$1,907,236, and to receive and file the November 2021 Financial Reports as submitted.

Motion carried:	Aye 6, Nay 0, Abstained 0, Absent 0
Director Ferons	Aye
Director Shissler	Aye
Director May	Aye
Director Cafferty	Aye
Director Collings	Aye
Director Arends-King	Aye

5. Financial Reports for the Month of December 2021

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Arends-King to recommend to the Board of Directors to ratify the December 2021 disbursements for the period of December 1 through December 31, 2021, totaling \$6,929,879, and to receive and file the December 2021 Financial Reports as submitted.

Motion carried:	Aye 6, Nay 0, Abstained 0, Absent 0
Director Ferons	Aye
Director Shissler	Aye
Director May	Aye
Director Cafferty	Aye
Director Collings	Aye
Director Arends-King	Aye

6. Q2 FY 2021-22 Cash Roll Forward as of December 31, 2021

ACTION TAKEN

Motion was made by Director Arends-King and seconded by Director Ferons to recommend to the Board of Directors to receive and file the Q2 Fiscal Year 2021-22 Cash Roll Forward as submitted.

Motion carried: Aye 6, Nay 0, Abstained 0, Absent 0
Director Ferons Aye
Director Shissler Aye
Director May Aye
Director Cafferty Aye
Director Collings Aye
Director Arends-King Aye

7. Uniform Purchasing Policy and Procedure – Proposed Revisions

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Collings to recommend to the Board of Directors to receive and file the Uniform Purchasing Policy and Procedures as revised.

Motion carried: Aye 6, Nay 0, Abstained 0, Absent 0
Director Ferons Aye
Director Shissler Aye
Director May Aye
Director Cafferty Aye
Director Collings Aye
Director Arends-King Aye

8. Budget Baseline Assumptions and Schedule 2022-23 Fiscal Year - PowerPoint

Staff gave an introductory presentation to the budget review on the Baseline Budget Assumptions, Contractual Obligations and Capital Program Approach. Ms. Carey also discussed the upcoming Finance Committee Budget meeting schedule. An open discussion ensued.

This was an information item; no action was taken.

9. Items for Discussion

The Finance Committee members and SOCWA staff held discussions on the PC 17 Co-Gen Credit Historical Approach and Options, and General Fund Share of UAL and OPEB Annual Payment.

There was consensus of the Finance Committee to defer further discussions on the General Fund Share of UAL and OPEB Annual Payments until FY 2023-24 as more direction may resolve after the All Hands Meeting in March 2022. Staff was also directed to allow Emerald Bay Service District and Irvine Ranch Water District to submit proposals showing how advanced payoffs might impact the Unfunded Liabilities costs and payment options.

This was an information item; no action was taken

Adjournment

There being no further business, Chairman Ferons adjourned the meeting at 11:25 p.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Finance Committee of February 15, 2022 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

5.E.

Board of Directors

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Financial Reports for the Month of January 2022

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 January 2022 (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)
6. Mid-year Fringe Pool and Fringe Rate Forecast (Exhibit E-5) (No recommended change)

Fiscal impact

January 2022 cash disbursements were: \$ 3,838,632.

- 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 recommend to the Board of Directors to ratify the January 2022 disbursements for the period from January 1, 2022, through January 31, 2022, totaling \$3,838,632, and to receive and file the January 2022 Financial Reports as submitted.

Exhibit A

South Orange County Wastewater Authority Summary of Disbursements for January 2022 Staff Recommendation of Fiscal Matters

	<u>Actual</u>
General Fund	\$ (601,776)
PC 2 - Jay B. Latham Plant	(845,765)
PC 5 - San Juan Creek Ocean Outfall	(370,958)
PC 8 - Pretreatment Program	(14,090)
PC 12 SO - Water Reclamation Permits	(37,823)
PC 15 - Coastal Treatment Plant/AWT	(878,119)
PC 17 - Joint Regional Wastewater Reclamation	(835,411)
PC 21 - Effluent Transmission Main	574
PC 23 - North Coast Interceptor	(105)
PC 24 - Aliso Creek Ocean Outfall	(255,160)
Total¹	<u><u>\$ (3,838,632)</u></u>

¹Large disbursements in January 2022:
\$453 thousand for Permits
\$176 thousand CSRMA Insurance

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of January 31, 2022**

CASH IN BANK: (BEGINNING BAL.)	\$ 2,334,744
L.A.I.F. FUNDS: (BEGINNING BAL.)	8,807,304
DEPOSITS, TRANSFERS & ADJUSTMENTS:	1,740,394
FUND REQUIREMENTS:	
BILLS FOR CONSIDERATION ¹	<u>(3,838,632)</u>
TOTAL CASH IN BANK	<u>\$ 9,043,810</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 02/10/22



PMIA Average Monthly Effective Yields⁽¹⁾

Jan	0.234
Dec	0.212
Nov	0.203

Quarterly Performance Quarter Ended 12/31/21

LAIF Apportionment Rate ⁽²⁾ :	0.23
LAIF Earnings Ratio ⁽²⁾ :	0.00000625812849570
LAIF Fair Value Factor ⁽¹⁾ :	0.997439120
PMIA Daily ⁽¹⁾ :	0.22%
PMIA Quarter to Date ⁽¹⁾ :	0.21%
PMIA Average Life ⁽¹⁾ :	340

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾

01/31/22

\$202.8 billion

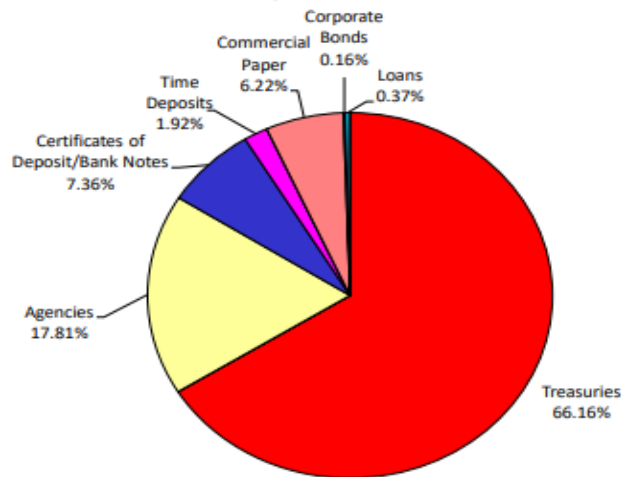


Chart does not include \$6,159,000.00 in mortgages, which equates to 0.003%. Percentages may not total 100% due to rounding.

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 January 31, 2022**

MVA	\$ 3,692	(A)
A/P Checking	1,705,164	(B)
Payroll Checking	409,281	(C)
State LAIF	6,925,673	(D)
Total Cash in Bank¹	\$ 9,043,810	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 9,045,410	
OPEB Trust	6,560,356	(F)
Total Cash and Investments	\$ 15,605,766	

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

Notes:

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

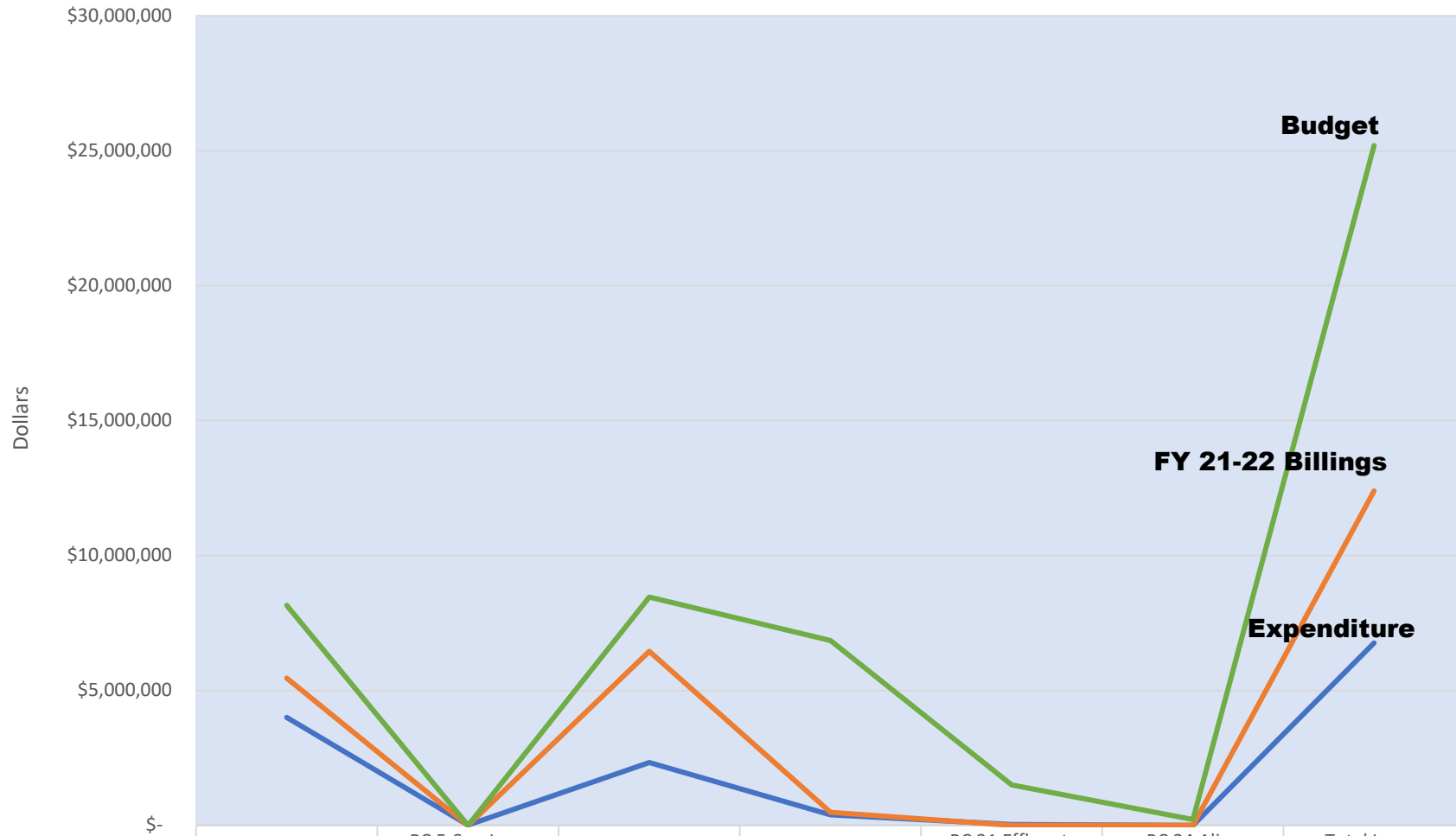
South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended January 31, 2022
(in dollars)

FY 2021-22 Budget vs. Actual Spending								
Description	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 8,153,937	\$ 4,003,047	\$ 4,150,890	49.1%	\$ 5,452,000	\$ 2,908,750	\$ 2,543,250	73.4%
PC 5-San Juan Creek Outfall ¹	-	7,904	(7,904)	-	-	-	-	-
PC 15-Coastal	8,464,653	2,325,550	6,139,103	27.5%	6,454,999	5,042,402	1,412,597	36.0%
PC 17-Regional	6,851,959	391,242	6,460,717	5.7%	488,249	188,249	300,000	80.1%
PC 21 Effluent Transmission	1,502,000	32,812	1,469,188	2.2%	-	-	-	-
PC 24 Aliso Creek Outfall	220,000	-	220,000	0.0%	-	-	-	-
Total Large Capital	\$ 25,192,549	\$ 6,760,555	\$ 18,431,994	26.8%	\$ 12,395,248	\$ 8,139,401	\$ 4,255,847	54.5%
Non-Capital Engineering	405,871	20,094	385,777	5.0%	50,000	50,000	-	40.2%
Non-Capital Misc Engineering	254,500	4,778	249,723	1.9%	59,000	19,605	39,395	8.1%
Small Internal Capital	2,061,000	819,529	1,241,471	39.8%	1,545,750	1,117,596	428,154	53.0%
Total Capital	\$ 27,913,920	\$ 7,604,955	\$ 20,308,965	27.2%	\$ 14,049,998	\$ 9,326,602	\$ 4,723,396	54.1%

¹ PC 5 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 1/31/2022

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 1/31/22	\$4,003,047	7,904.31	\$2,325,550	\$391,242	\$32,812.18	-	\$6,760,555
FY 21-22 Billings	\$5,452,000	-	\$6,454,999	\$488,249	-	-	\$12,395,248
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 January 31, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
Salary and Fringe								
5000--**_**	Regular Salaries-O&M	4,847,168		4,847,168	2,540,523	2,306,645	52.4%	
5001--**_**	Overtime Salaries-O&M	107,256		107,256	78,584	28,672	73.3%	
5306--**_**	Scheduled Holiday Work	91,000		91,000	68,588	22,412	75.4%	
5315--**_**	Comp Time - O&M	15,980		15,980	16,576	(596)	103.7%	
5401--**_**	Fringe Benefits IN to PC's & Depts.	2,511,460		2,511,460	1,316,329	1,195,131	52.4%	
5700--**_**	Standby Pay	67,600		67,600	39,781	27,819	58.8%	
	Total Payroll Costs	7,640,464	-	7,640,464	4,060,381	3,580,083	53.1%	
Other Expenses								
5002--**_**	Electricity	1,170,780		1,170,780	576,046	594,734	49.2%	
5003--**_**	Natural Gas	226,008		226,008	230,401	(4,393)	101.9%	(1)
5004--**_**	Potable & Reclaimed Water	85,000		85,000	36,614	48,386	43.1%	
5005--**_**	Co-generation Power Credit	(686,000)		(686,000)	(675,775)	(10,225)	98.5%	
5006--**_**	Chlorine/Sodium Hypochlorite	502,008		502,008	304,565	197,443	60.7%	
5007--**_**	Polymer Products	747,004		747,004	502,855	244,149	67.3%	
5008--**_**	Ferric Chloride	588,004		588,004	401,479	186,525	68.3%	
5009--**_**	Odor Control Chemicals	107,016		107,016	71,215	35,801	66.5%	
5010--**_**	Other Chemicals - Misc.	2,004		2,004	-	2,004	-	
5011--**_**	Laboratory Services	65,196		65,196	16,504	48,692	25.3%	
5012--**_**	Grit Hauling	120,000		120,000	104,996	15,004	87.5%	(9)
5013--**_**	Landscaping	219,008		219,008	115,317	103,691	52.7%	
5015--**_**	Management Support Services	475,000	60,000	535,000	86,175	448,825	16.1%	
5016--**_**	Audit - Environmental	1,304		1,304	-	1,304	-	
5017--**_**	Legal Fees	48,612		48,612	41,262	7,350	84.9%	
5018--**_**	Public Notices/ Public Relations	6,000		6,000	-	6,000	-	
5019--**_**	Contract Services Misc.	277,016		277,016	204,564	72,452	73.8%	
5021--**_**	Small Vehicle Expense	23,080		23,080	20,589	2,491	89.2%	
5022--**_**	Miscellaneous Expense	16,012		16,012	2,138	13,874	13.4%	
5023--**_**	Office Supplies - All	46,008		46,008	16,555	29,453	36.0%	
5024--**_**	Petroleum Products	34,008		34,008	8,851	25,157	26.0%	
5025--**_**	Uniforms	70,996		70,996	41,781	29,215	58.9%	
5026--**_**	Small Vehicle Fuel	22,656		22,656	8,945	13,711	39.5%	
5027--**_**	Insurance - Property/Liability	317,684		317,684	409,740	(92,056)	129.0%	(2)
5028--**_**	Small Tools & Supplies	80,000		80,000	35,663	44,337	44.6%	
5030--**_**	Trash Disposal	8,500		8,500	3,564	4,936	41.9%	
5031--**_**	Safety Program & Supplies	119,344		119,344	42,863	76,481	35.9%	
5032--**_**	Equipment Rental	7,004		7,004	9,119	(2,115)	130.2%	
5033--**_**	Recruitment	2,500		2,500	2,870	(370)	114.8%	
5034--**_**	Travel Expense/Tech. Conferences	29,928		29,928	1,190	28,738	4.0%	
5035--**_**	Training Expense	47,996		47,996	16,810	31,186	35.0%	
5036--**_**	Laboratory Supplies	124,400		124,400	76,997	47,403	61.9%	
5037--**_**	Office Equipment	25,992		25,992	14,732	11,260	56.7%	
5038--**_**	Permits	489,996		489,996	591,042	(101,046)	120.6%	(8)
5039--**_**	Membership Dues/Fees	17,872		17,872	7,436	10,436	41.6%	
5044--**_**	Offshore Monitoring	151,000		151,000	58,824	92,176	39.0%	
5045--**_**	Offshore Biochemistry - 20B	23,024		23,024	-	23,024	-	
5046--**_**	Effluent Chemistry	70,000		70,000	11,532	58,468	16.5%	
5047--**_**	Access Road Expenses	45,000		45,000	150	44,850	0.3%	
5048--**_**	Storm Damage	21,000		21,000	-	21,000	-	
5049--**_**	Biosolids Disposal	1,470,000		1,470,000	906,920	563,080	61.7%	
5050--**_**	Contract Services Generators - 29A	28,008		28,008	16,884	11,124	60.3%	(3)
5052--**_**	Janitorial Services	101,004		101,004	43,090	57,914	42.7%	
5053--**_**	Contract Serv - Digester Cleaning - 29E	60,000		60,000	31,306	28,694	52.2%	(4)
5054--**_**	Diesel Truck Maint	42,000		42,000	8,752	33,248	20.8%	
5055--**_**	Diesel Truck Fuel	11,500		11,500	5,082	6,418	44.2%	
5056--**_**	Maintenance Equip. & Facilities (Solids)	366,000		366,000	291,145	74,855	79.5%	(5)
5057--**_**	Maintenance Equip. & Facilities (Liquids)	651,996		651,996	341,799	310,197	52.4%	
5058--**_**	Maintenance Equip. & Facilities (Common)	90,008		90,008	104,112	(14,104)	115.7%	(6)
5059--**_**	Maintenance Equip. & Facilities (Co-Gen)	738,996		738,996	518,531	220,465	70.2%	
5060--**_**	Maintenance Equip. & Facilities (AWT)	88,000		88,000	45,156	42,844	51.3%	
5061--**_**	Mileage	3,608		3,608	845	2,763	23.4%	
5068--**_**	MNWD Potable Water Supplies & Svcs.	28,000		28,000	22,737	5,263	81.2%	(7)
5074--**_**	Education Reimbursement	1,996		1,996	101	1,895	5.1%	

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary
For the Period Ended January 31, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
5076--**-**	SCADA Infrastructure	86,596		86,596	81,411	5,185	94.0%
5077--**-**	IT Direct	5,508		5,508	-	5,508	-
5105--**-**	Co-Generation Power Credit - Offset	685,992		685,992	675,775	10,217	98.5%
5303--**-**	Group Insurance Waiver	14,392		14,392	9,180	5,212	63.8%
5305--**-**	Medicare Tax Payments for Employees	2,160		2,160	1,279	881	59.2%
5309--**-**	Operating Leases	26,000		26,000	17,745	8,255	68.2%
5705--**-**	Monthly Car Allowance	35,396		35,396	21,640	13,756	61.1%
5799--**-**	Zephyr Wall Costs Share-O&M	(14,000)		(14,000)	(14,000)	-	100.0%
6241--**-**	Education Reimbursement	-		-	449	(449)	-
6500--**-**	IT Allocations in to PC's & Depts.	610,540		610,540	322,583	287,957	52.8%
	Total Other Expenses	10,881,660	60,000	10,941,660	6,850,132	4,091,528	62.6%
Total O&M Expenses		18,522,124	60,000	18,582,124	10,910,513	7,671,611	58.7%

* 02/03/2022 Board approved budget amendment for PC 12-Water Reclamation Management Support Services, \$45,000, for Support Services Salt & Nutrient Management Plan.

* 02/03/2022 Board approved budget amendment for PC 2- \$5,000, PC 15- \$5,000, PC 17- \$5,000 Management Support Services, total \$15,000 for CASA Climate Change Program.

- (1) Additional natural gas was used to run the cogeneration system at RTP during warranty repairs on the digester gas cleaning System.
- (2) Property Liability insurance rate increased due to insurers' increases in California.
- (3) Generator services are completed before the rainy season each year and are nearly complete for the Fiscal Year.
- (4) Digester cleaning at JBL is well underway for the Fiscal Year.
- (5) JBL staff are performing work in solids areas that are usually unavailable during the ongoing Package B Construction Project shutdowns.
- (6) The Administrative buildings at JBL and RTP had sewer and water pipes repaired.
- (7) Annual laboratory proficiency testing costs for potable water certification. Costs expected to level out.
- (8) Permit fees were received late December, paid in January. Permit fees will be fully expended.
- (9) Increased solids from digester cleaning process and upstream treatment plant to JBL.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended January 31, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
02 - Jay B. Latham Plant								
Salary and Fringe								
02-5000-**-**	Regular Salaries-O&M	1,585,228		1,585,228	882,534	702,694	55.7%	
02-5001-**-**	Overtime Salaries-O&M	37,904		37,904	44,096	(6,192)	116.3%	
02-5306-**-**	Scheduled Holiday Work	36,600		36,600	25,298	11,302	69.1%	
02-5315-**-**	Comp Time - O&M	8,264		8,264	9,924	(1,660)	120.1%	
02-5401-**-**	Fringe Benefits IN to PC's & Depts.	821,352		821,352	457,270	364,082	55.7%	
02-5700-**-**	Standby Pay	25,096		25,096	16,250	8,846	64.8%	
	Total Payroll Costs	2,514,444	-	2,514,444	1,435,372	1,079,072	57.1%	
Other Expenses								
02-5002-**-**	Electricity	506,564		506,564	247,635	258,929	48.9%	
02-5003-**-**	Natural Gas	132,160		132,160	115,595	16,565	87.5%	
02-5004-**-**	Potable & Reclaimed Water	25,000		25,000	12,793	12,207	51.2%	
02-5006-**-**	Chlorine/Sodium Hypochlorite	8,000		8,000	13,435	(5,435)	167.9%	(13)
02-5007-**-**	Polymer Products	305,000		305,000	199,396	105,604	65.4%	
02-5008-**-**	Ferric Chloride	200,000		200,000	156,951	43,049	78.5%	
02-5009-**-**	Odor Control Chemicals	21,004		21,004	16,801	4,203	80.0%	
02-5010-**-**	Other Chemicals - Misc.	1,000		1,000	-	1,000	-	
02-5011-**-**	Laboratory Services	19,000		19,000	1,439	17,561	7.6%	
02-5012-**-**	Grit Hauling	55,000		55,000	65,308	(10,308)	118.7%	(14)
02-5013-**-**	Landscaping	77,004		77,004	32,487	44,517	42.2%	
02-5015-**-**	Management Support Services	30,008	5,000	35,008	23,135	11,873	66.1%	
02-5017-**-**	Legal Fees	4,996		4,996	1,454	3,542	29.1%	(16)
02-5019-**-**	Contract Services Misc.	70,636		70,636	62,887	7,749	89.0%	
02-5021-**-**	Small Vehicle Expense	11,000		11,000	4,705	6,295	42.8%	
02-5022-**-**	Miscellaneous Expense	8,000		8,000	1,605	6,395	20.1%	
02-5023-**-**	Office Supplies - All	29,000		29,000	8,967	20,033	30.9%	
02-5024-**-**	Petroleum Products	11,004		11,004	-	11,004	-	
02-5025-**-**	Uniforms	33,996		33,996	18,864	15,132	55.5%	
02-5026-**-**	Small Vehicle Fuel	10,004		10,004	3,950	6,054	39.5%	
02-5027-**-**	Insurance - Property/Liability	108,384		108,384	139,791	(31,407)	129.0%	(1)
02-5028-**-**	Small Tools & Supplies	38,000		38,000	9,998	28,002	26.3%	
02-5030-**-**	Trash Disposal	3,000		3,000	1,436	1,564	47.9%	
02-5031-**-**	Safety Program & Supplies	41,000		41,000	20,036	20,964	48.9%	
02-5032-**-**	Equipment Rental	3,000		3,000	-	3,000	-	
02-5033-**-**	Recruitment	348		348	970	(622)	278.7%	
02-5034-**-**	Travel Expense/Tech. Conferences	9,012		9,012	470	8,542	5.2%	
02-5035-**-**	Training Expense	16,976		16,976	5,862	11,114	34.5%	
02-5036-**-**	Laboratory Supplies	21,004		21,004	10,825	10,179	51.5%	
02-5037-**-**	Office Equipment	13,000		13,000	5,273	7,727	40.6%	
02-5038-**-**	Permits	13,496		13,496	19,414	(5,918)	143.9%	
02-5039-**-**	Membership Dues/Fees	4,516		4,516	1,732	2,784	38.3%	
02-5049-**-**	Biosolids Disposal	620,000		620,000	325,270	294,730	52.5%	
02-5050-**-**	Contract Services Generators - 29A	10,004		10,004	12,739	(2,735)	127.3%	(2)
02-5052-**-**	Janitorial Services	47,000		47,000	22,849	24,151	48.6%	
02-5053-**-**	Contract Serv - Digester Cleaning - 29E	60,000		60,000	31,306	28,694	52.2%	(3)
02-5054-**-**	Diesel Truck Maint	22,000		22,000	2,294	19,706	10.4%	
02-5055-**-**	Diesel Truck Fuel - 37B	2,996		2,996	1,343	1,653	44.8%	
02-5056-**-**	Maintenance Equip. & Facilities (Solids)	155,000		155,000	122,360	32,640	78.9%	(4)
02-5057-**-**	Maintenance Equip. & Facilities (Liquids)	260,000		260,000	101,690	158,310	39.1%	
02-5058-**-**	Maintenance Equip. & Facilities (Common)	29,000		29,000	59,983	(30,983)	206.8%	(5)
02-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	277,120		277,120	177,016	100,104	63.9%	
02-5061-**-**	Mileage	2,104		2,104	209	1,895	10.0%	
02-5076-**-**	SCADA Infrastructure	28,960		28,960	27,137	1,823	93.7%	
02-5077-**-**	IT Direct	2,620		2,620	-	2,620	-	
02-5303-**-**	Group Insurance Waiver	3,596		3,596	2,825	771	78.5%	
02-5309-**-**	Operating Leases	26,000		26,000	15,830	10,170	60.9%	
02-5705-**-**	Monthly Car Allowance	22,804		22,804	13,417	9,387	58.8%	
02-5799-**-**	Zephyr Wall Costs Share-O&M	(14,000)		(14,000)	(14,000)	-	100.0%	
02-6500-**-**	IT Allocations in to PC's & Depts.	199,812		199,812	105,570	94,242	52.8%	
	Total Other Expenses	3,585,128	5,000	3,590,128	2,211,052	1,379,076	61.6%	
	Total Expenses	6,099,572	5,000	6,104,572	3,646,425	2,458,147	59.7%	

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended January 31, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
05 - San Juan Creek Ocean Outfall								
Salary and Fringe								
05-5000-**-**	Regular Salaries-O&M	146,556		146,556	74,722	71,834	51.0%	
05-5001-**-**	Overtime Salaries-O&M	72		72	234	(162)	324.7%	
05-5306-**-**	Scheduled Holiday Work	416		416	350	66	84.0%	
05-5401-**-**	Fringe Benefits IN to PC's & Depts.	75,928		75,928	38,716	37,212	51.0%	
	Total Payroll Costs	222,972	-	222,972	114,021	108,951	51.1%	
Other Expenses								
05-5015-**-**	Management Support Services	212,500		212,500	35,332	177,168	16.6%	
05-5017-**-**	Legal Fees	2,008		2,008	-	2,008	-	
05-5026-**-**	Small Vehicle Fuel	500		500	-	500	-	
05-5027-**-**	Insurance - Property/Liability	9,668		9,668	12,470	(2,802)	129.0%	(1)
05-5031-**-**	Safety Supplies	1,052		1,052	-	1,052	-	
05-5033-**-**	Recruitment	556		556	-	556	-	
05-5034-**-**	Travel Expense/Tech. Conferences	1,512		1,512	180	1,332	11.9%	
05-5035-**-**	Training Expense	1,952		1,952	18	1,935	0.9%	
05-5036-**-**	Laboratory Supplies	35,000		35,000	20,218	14,782	57.8%	
05-5038-**-**	Permits	228,968		228,968	325,004	(96,036)	1.42	(11)
05-5039-**-**	Membership Dues/Fees	216		216	-	216	-	
05-5044-**-**	Offshore Monitoring	75,496		75,496	31,325	44,171	41.5%	
05-5045-**-**	Offshore Biochemistry - 20B	11,512		11,512	-	11,512	-	
05-5046-**-**	Effluent Chemistry	35,000		35,000	5,351	29,649	15.3%	
05-5058-**-**	Maintenance Equip. & Facilities (Common)	1,004		1,004	375	629	37.4%	
05-6500-**-**	IT Allocations in to PC's & Depts.	18,464		18,464	9,753	8,711	52.8%	
	Total Other Expenses	635,408	-	635,408	440,025	195,383	69.3%	
	Total Expenses	858,380	-	858,380	554,047	304,333	64.5%	
08 - Pre Treatment								
Salary and Fringe								
08-5000-**-**	Regular Salaries-O&M	117,772		117,772	60,099	57,673	51.0%	
08-5401-**-**	Fringe Benefits IN to PC's & Depts.	61,016		61,016	31,139	29,877	51.0%	
	Total Payroll Costs	178,788	-	178,788	91,239	87,549	51.0%	
Other Expenses								
08-5011-**-**	Laboratory Services	3,200		3,200	405	2,795	12.7%	
08-5016-**-**	Audit - Environmental	1,304		1,304	-	1,304	-	
08-5017-**-**	Legal Fees	2,596		2,596	-	2,596	-	
08-5018-**-**	Public Notices/ Public Relations	6,000		6,000	-	6,000	-	
08-5021-**-**	Small Vehicle Expense - 31A	1,076		1,076	-	1,076	-	
08-5022-**-**	Miscellaneous Expense	2,008		2,008	41	1,967	2.0%	
08-5026-**-**	Small Vehicle Fuel - 37A	1,148		1,148	245	903	21.4%	
08-5027-**-**	Insurance - Property/Liability	3,024		3,024	3,900	(876)	129.0%	(1)
08-5028-**-**	Small Tools & Supplies	3,000		3,000	2,033	967	67.8%	
08-5034-**-**	Travel Expense/Tech. Conferences	2,732		2,732	-	2,732	-	
08-5035-**-**	Training Expense	-		-	450	(450)	-	
08-5038-**-**	Permits and Fines	3,132		3,132	-	3,132	-	
08-5039-**-**	Membership Dues/Fees	-		-	438	(438)	-	
08-6500-**-**	IT Allocations in to PC's & Depts.	14,832		14,832	7,838	6,994	52.8%	
	Total Other Expenses	44,052	-	44,052	15,351	28,701	34.8%	
	Total Expenses	222,840	-	222,840	106,589	116,251	47.8%	
12 - Water Reclamation Permits								
Salary and Fringe								
12-5000-**-**	Regular Salaries-O&M	44,808		44,808	14,335	30,473	32.0%	
12-5401-**-**	Fringe Benefits IN to PC's & Depts.	23,208		23,208	7,427	15,781	32.0%	
	Total Payroll Costs	68,016	-	68,016	21,762	46,254	32.0%	
Other Expenses								
12-5015-**-**	Management Support Services	-	45,000	45,000	-	45,000	-	
12-5017-**-**	Legal Fees	2,000		2,000	663	1,337	33.2%	
12-5027-**-**	Insurance - Property/Liability	5,164		5,164	6,660	(1,496)	129.0%	(1)
12-5034-**-**	Travel Expense/Tech. Conferences	920		920	-	920	-	
12-5038-**-**	Permits	12,044		12,044	23,783	(11,739)	197.5%	(12)
12-5039-**-**	Membership Dues/Fees	68		68	-	68	-	
12-6500-**-**	IT Allocations in to PC's & Depts.	5,640		5,640	2,982	2,658	52.9%	
	Total Other Expenses	25,836	45,000	70,836	34,088	36,748	48.1%	
	Total Expenses	93,852	45,000	138,852	55,850	83,002	40.2%	

South Orange County Wastewater Authority
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For the Period Ended January 31, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
15 - Coastal Treatment Plant								
Salary and Fringe								
15-5000-**-**	Regular Salaries-O&M	1,083,504		1,083,504	513,130	570,374	47.4%	
15-5001-**-**	Overtime Salaries-O&M	19,208		19,208	11,204	8,004	58.3%	
15-5306-**-**	Scheduled Holiday Work	15,584		15,584	14,682	902	94.2%	
15-5315-**-**	Comp Time - O&M	2,000		2,000	2,166	(166)	108.3%	
15-5401-**-**	Fringe Benefits IN to PC's & Depts.	561,396		561,396	265,870	295,526	47.4%	
15-5700-**-**	Standby Pay	16,504		16,504	4,615	11,889	28.0%	
	Total Payroll Costs	1,698,196	-	1,698,196	811,667	886,529	47.8%	
Other Expenses								
15-5002-**-**	Electricity	202,348		202,348	166,885	35,463	82.5%	
15-5003-**-**	Natural Gas	2,872		2,872	1,528	1,344	53.2%	
15-5004-**-**	Potable & Reclaimed Water	25,000		25,000	12,419	12,581	49.7%	
15-5006-**-**	Chlorine/Sodium Hypochlorite	94,004		94,004	43,862	50,142	46.7%	
15-5007-**-**	Polymer Products	1,004		1,004	-	1,004	-	
15-5008-**-**	Ferric Chloride	58,000		58,000	42,040	15,960	72.5%	
15-5009-**-**	Odor Control Chemicals	51,004		51,004	29,192	21,812	57.2%	
15-5011-**-**	Laboratory Services	20,000		20,000	6,047	13,953	30.2%	
15-5012-**-**	Grit Hauling	23,000		23,000	12,880	10,120	56.0%	
15-5013-**-**	Landscaping	57,000		57,000	29,478	27,522	51.7%	
15-5015-**-**	Management Support Services	10,000	5,000	15,000	1,125	13,875	0.07	
15-5017-**-**	Legal Fees	30,000		30,000	2,799	27,201	9.3%	
15-5019-**-**	Contract Services Misc.	91,732		91,732	62,506	29,226	68.1%	
15-5021-**-**	Small Vehicle Expense	4,004		4,004	5,375	(1,371)	134.2%	
15-5022-**-**	Miscellaneous Expense	1,000		1,000	115	885	11.5%	
15-5023-**-**	Office Supplies - All	4,004		4,004	2,890	1,114	72.2%	
15-5024-**-**	Petroleum Products	3,000		3,000	3,927	(927)	130.9%	
15-5025-**-**	Uniforms	9,000		9,000	4,854	4,146	53.9%	
15-5026-**-**	Small Vehicle Fuel	2,000		2,000	1,219	781	60.9%	
15-5027-**-**	Insurance - Property/Liability	47,112		47,112	60,764	(13,652)	129.0%	(1)
15-5028-**-**	Small Tools & Supplies	9,000		9,000	3,301	5,699	36.7%	
15-5030-**-**	Trash Disposal	2,996		2,996	1,016	1,980	33.9%	
15-5031-**-**	Safety Supplies	35,000		35,000	6,781	28,219	19.4%	
15-5032-**-**	Equipment Rental	1,000		1,000	-	1,000	-	
15-5033-**-**	Recruitment	312		312	100	212	32.1%	
15-5034-**-**	Travel Expense/Tech. Conferences	5,244		5,244	180	5,064	3.4%	
15-5035-**-**	Training Expense	11,632		11,632	4,256	7,376	36.6%	
15-5036-**-**	Laboratory Supplies	14,000		14,000	14,046	(46)	100.3%	
15-5037-**-**	Office Equipment	2,996		2,996	2,132	864	71.2%	
15-5038-**-**	Permits	4,820		4,820	1,296	3,524	26.9%	
15-5039-**-**	Membership Dues/Fees	4,960		4,960	1,854	3,106	37.4%	
15-5047-**-**	Access Road Expenses	45,000		45,000	150	44,850	0.3%	
15-5048-**-**	Storm Damage	21,000		21,000	-	21,000	-	
15-5049-**-**	Biosolids Disposal	-		-	34,729	(34,729)	-	(6)
15-5050-**-**	Contract Services Generators - 29A	5,000		5,000	-	5,000	-	
15-5052-**-**	Janitorial Services	12,004		12,004	6,717	5,287	56.0%	
15-5054-**-**	Diesel Truck Maint - 31B	1,000		1,000	-	1,000	-	
15-5055-**-**	Diesel Truck Fuel - 37B	504		504	-	504	-	
15-5057-**-**	Maintenance Equip. & Facilities (Liquids)	149,996		149,996	131,250	18,746	87.5%	
15-5058-**-**	Maintenance Equip. & Facilities (Common)	23,000		23,000	2,767	20,233	12.0%	
15-5060-**-**	Maintenance Equip. & Facilities (AWT)	38,000		38,000	25,200	12,800	66.3%	
15-5061-**-**	Mileage	500		500	71	429	14.2%	
15-5076-**-**	SCADA Infrastructure	28,952		28,952	27,137	1,815	93.7%	
15-5077-**-**	IT Direct	264		264	-	264	-	
15-5303-**-**	Group Insurance Waiver	3,600		3,600	2,257	1,343	62.7%	
15-5305-**-**	Medicare Tax Payments for Employees	2,160		2,160	1,279	881	59.2%	
15-5705-**-**	Monthly Car Allowance	4,196		4,196	2,472	1,724	58.9%	
15-6500-**-**	IT Allocations in to PC's & Depts.	136,476		136,476	72,109	64,367	52.8%	
	Total Other Expenses	1,299,696	5,000	1,304,696	831,006	473,690	63.7%	
	Total Expenses	2,997,892	5,000	3,002,892	1,642,673	1,360,219	54.7%	

South Orange County Wastewater Authority
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(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted 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		1,718,916	925,661	793,255	53.9%	
17-5001-**-**	Overtime Salaries-O&M	49,452		49,452	22,131	27,322	44.8%	
17-5306-**-**	Scheduled Holiday Work	38,136		38,136	27,909	10,227	73.2%	
17-5315-**-**	Comp Time - O&M	5,716		5,716	4,486	1,230	78.5%	
17-5401-**-**	Fringe Benefits IN to PC's & Depts.	890,632		890,632	479,616	411,016	53.9%	
17-5700-**-**	Standby Pay	26,000		26,000	18,915	7,085	72.8%	
	Total Payroll Costs	2,728,852	-	2,728,852	1,478,717	1,250,135	54.2%	
Other Expenses								
17-5002-**-**	Electricity	461,868		461,868	161,525	300,343	35.0%	
17-5003-**-**	Natural Gas	90,976		90,976	113,278	(22,302)	124.5%	(7)
17-5004-**-**	Potable & Reclaimed Water	35,000		35,000	11,402	23,598	32.6%	
17-5005-**-**	Co-generation Power Credit	(686,000)		(686,000)	(675,775)	(10,225)	98.5%	
17-5006-**-**	Chlorine/Sodium Hypochlorite	400,004		400,004	247,269	152,735	61.8%	
17-5007-**-**	Polymer Products	441,000		441,000	303,459	137,541	68.8%	
17-5008-**-**	Ferric Chloride	330,004		330,004	202,488	127,516	61.4%	
17-5009-**-**	Odor Control Chemicals	35,008		35,008	25,222	9,786	72.0%	
17-5010-**-**	Other Chemicals - Misc.	1,004		1,004	-	1,004	-	
17-5011-**-**	Laboratory Services	22,996		22,996	8,612	14,384	37.5%	
17-5012-**-**	Grit Hauling - 21A	42,000		42,000	26,808	15,192	63.8%	
17-5013-**-**	Landscaping	85,004		85,004	53,352	31,652	62.8%	
17-5015-**-**	Management Support Services	9,996	5,000	14,996	10,625	4,371	70.9%	
17-5017-**-**	Legal Fees	5,004		5,004	29,282	(24,278)	585.2%	
17-5019-**-**	Contract Services Misc.	96,312		96,312	79,172	17,141	82.2%	
17-5021-**-**	Small Vehicle Expense	7,000		7,000	10,509	(3,509)	150.1%	
17-5022-**-**	Miscellaneous Expense	5,004		5,004	377	4,627	7.5%	
17-5023-**-**	Office Supplies - All	13,004		13,004	4,698	8,306	36.1%	
17-5024-**-**	Petroleum Products	20,004		20,004	4,924	15,080	24.6%	
17-5025-**-**	Uniforms	28,000		28,000	18,063	9,937	64.5%	
17-5026-**-**	Small Vehicle Fuel	9,004		9,004	3,531	5,473	39.2%	
17-5027-**-**	Insurance - Property/Liability	135,628		135,628	174,929	(39,301)	129.0%	(1)
17-5028-**-**	Small Tools & Supplies	30,000		30,000	20,330	9,670	67.8%	
17-5030-**-**	Trash Disposal	2,504		2,504	1,111	1,393	44.4%	
17-5031-**-**	Safety Supplies	41,248		41,248	16,046	25,202	38.9%	
17-5032-**-**	Equipment Rental	3,004		3,004	9,119	(6,115)	303.6%	
17-5033-**-**	Recruitment	728		728	1,800	(1,072)	247.3%	
17-5034-**-**	Travel Expense/Tech. Conferences	8,996		8,996	180	8,816	2.0%	
17-5035-**-**	Training Expense	15,480		15,480	6,207	9,273	40.1%	
17-5036-**-**	Laboratory Supplies	24,392		24,392	11,937	12,455	48.9%	
17-5037-**-**	Office Equipment	9,996		9,996	7,327	2,669	73.3%	
17-5038-**-**	Permits	10,612		10,612	2,199	8,413	20.7%	
17-5039-**-**	Membership Dues/Fees	7,892		7,892	3,413	4,479	43.2%	
17-5049-**-**	Biosolids Disposal	850,000		850,000	546,920	303,080	64.3%	
17-5050-**-**	Contract Services Generators - 29A	13,004		13,004	4,145	8,859	31.9%	
17-5052-**-**	Janitorial Services	42,000		42,000	13,524	28,476	32.2%	
17-5054-**-**	Diesel Truck Maint	19,000		19,000	6,459	12,541	34.0%	
17-5055-**-**	Diesel Truck Fuel	8,000		8,000	3,739	4,261	46.7%	
17-5056-**-**	Maintenance Equip. & Facilities (Solids)	211,000		211,000	168,785	42,215	80.0%	(8)
17-5057-**-**	Maintenance Equip. & Facilities (Liquids)	242,000		242,000	108,859	133,141	45.0%	
17-5058-**-**	Maintenance Equip. & Facilities (Common)	36,000		36,000	40,987	(4,987)	113.9%	(15)
17-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	461,876		461,876	341,516	120,360	73.9%	
17-5060-**-**	Maintenance Equip. & Facilities (AWT) 41-E	50,000		50,000	19,956	30,044	39.9%	
17-5061-**-**	Mileage	1,004		1,004	565	439	56.2%	
17-5068-**-**	MNWD Potable Water Supplies & Svcs.	28,000		28,000	22,737	5,263	81.2%	(9)
17-5074-**-**	Education Reimbursement	1,996		1,996	101	1,895	5.1%	
17-5076-**-**	SCADA Infrastructure	28,684		28,684	27,137	1,547	94.6%	
17-5077-**-**	IT Direct	2,624		2,624	-	2,624	-	
17-5105-**-**	Co-Generation Power Credit - Offset	685,992		685,992	675,775	10,217	98.5%	
17-5303-**-**	Group Insurance Waiver	7,196		7,196	4,098	3,098	57.0%	
17-5309-**-**	Operating Leases	-		-	1,915	(1,915)	-	
17-5705-**-**	Monthly Car Allowance	8,396		8,396	5,751	2,645	68.5%	
17-6241-**-**	Education Reimbursement	-		-	449	(449)	-	
17-6500-**-**	IT Allocations in to PC's & Depts.	216,520		216,520	114,396	102,124	52.8%	
	Total Other Expenses	4,655,964	5,000	4,660,964	3,001,232	1,659,732	64.4%	
	Total Expenses	7,384,816	5,000	7,389,816	4,479,948	2,909,868	60.6%	

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended January 31, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended		
21 - Effluent Transmission Main									
Salary and Fringe									
21-5000-**-**	Regular Salaries-O&M	1,088		1,088	-	1,088	-		
21-5001-**-**	Overtime Salaries-O&M	-		-	-	-	-		
21-5401-**-**	Fringe Benefits IN to PC's & Depts.	564		564	-	564	-		
	Total Payroll Costs	1,652	-	1,652	-	1,652	0.0%		
Other Expenses									
21-5019-**-**	Contract Services Misc.	18,336		18,336	-	18,336	-		
21-5027-**-**	Insurance - Property/Liability	-		-	-	-	-		
	Total Other Expenses	18,336	-	18,336	-	18,336	0.0%		
	Total Expenses	19,988	-	19,988	-	19,988	0.0%		
23 - North Coast Interceptor									
Other Expenses									
23-5017-**-**	Legal Fees	-		-	7,063	(7,063)	-	(10)	
	Total Expenses	-	-	-	7,063	(7,063)	-		
24 - Aliso Creek Ocean Outfall									
Salary and Fringe									
24-5000-**-**	Regular Salaries-O&M	149,296		149,296	70,042	79,254	46.9%		
24-5001-**-**	Overtime Salaries-O&M	620		620	920	(300)	148.4%		
24-5306-**-**	Scheduled Holiday Work	264		264	350	(86)	132.4%		
24-5401-**-**	Fringe Benefits IN to PC's & Depts.	77,364		77,364	36,291	41,073	46.9%		
	Total Payroll Costs	227,544	-	227,544	107,602	119,942	47.3%		
Other Expenses									
24-5015-**-**	Management Support Services	212,496		212,496	15,958	196,538	7.5%		
24-5017-**-**	Legal Fees	2,008		2,008	-	2,008	-		
24-5027-**-**	Insurance - Property/Liability	8,704		8,704	11,226	(2,522)	129.0%	(1)	
24-5031-**-**	Safety Supplies	1,044		1,044	-	1,044	-		
24-5033-**-**	Recruitment	556		556	-	556	-		
24-5034-**-**	Travel Expense/Tech. Conferences	1,512		1,512	180	1,332	11.9%		
24-5035-**-**	Training Expense	1,956		1,956	18	1,939	0.9%		
24-5036-**-**	Laboratory Supplies	30,004		30,004	19,971	10,033	66.6%		
24-5038-**-**	Permits	216,924		216,924	219,346	(2,422)	101.1%	(11)	
24-5039-**-**	Membership Dues/Fees	220		220	-	220	-		
24-5044-**-**	Offshore Monitoring	75,504		75,504	27,500	48,004	36.4%		
24-5045-**-**	Offshore Biochemistry - 20B	11,512		11,512	-	11,512	-		
24-5046-**-**	Effluent Chemistry	35,000		35,000	6,181	28,819	17.7%		
24-5058-**-**	Maintenance Equip. & Facilities (Common) 41-C	1,004		1,004	-	1,004	-		
24-6500-**-**	IT Allocations in to PC's & Depts.	18,796		18,796	9,936	8,860	52.9%		
	Total Other Expenses	617,240	-	617,240	310,315	306,925	50.3%		
	Total Expenses	844,784	-	844,784	417,918	426,866	49.5%		
Total O&M Expenses		18,522,124	60,000	18,582,124	10,910,513	7,671,611	58.7%		

* 02/03/2022 Board approved budget amendment for PC 12-Water Reclamation Management Support Services, \$45,000, for Support Services Salt & Nutrient Management Plan.

* 02/03/2022 Board approved budget amendment for PC 2- \$5,000, PC 15- \$5,000, PC 17- \$5,000 Management Support Services, total \$15,000 for CASA Climate Change Program.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended January 31, 2022

- (1) Property Liability insurance rate increased due to insurers' increases in California.
- (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) The Administrative buildings at JBL and RTP had sewer and water pipes repaired.
- (6) Contaminated soils from the May and June sludge lines leaks were dried and disposed of as Biosolids.
- (7) Additional natural gas was used to run the cogeneration system at RTP during warranty repairs on the digester gas cleaning System.
- (8) Several failed RTP digester gas valves were isolated and replaced by specialty contractor.
- (9) Annual laboratory proficiency testing costs for potable water certification. Costs expected to level out.
- (10) Legal Fees, PC 23 approved a budget for these costs on 2/14/2022.
- (11) Permit fees were received late December, paid in January. Permit fees will be fully expended.
- (12) Increased permit fees reported to the Board November 2021. No further increases this fiscal year.
- (13) Increased solids from upstream treatment plant to JBL impacted process control uses of bleach.
- (14) Increased solids from digester cleaning process and upstream treatment plant to JBL.
- (15) Emergency repair for failed water line at RTP.
- (16) Cost associated with BKK Landfill matter

Exhibit E-2

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

For the Period Ended January 31, 2022
(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	87,463	88,464	49.7%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	91,154	45,318	45,837	49.7%
	Total Payroll Costs	267,081	132,781	134,301	49.7%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	393	2,791	12.4%
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	57	453	11.1%
01-5309-03-00-00	Operating Leases	9,300	-	9,300	-
01-5705-03-00-00	Monthly Car Allowance	4,200	2,294	1,906	54.6%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,293	28,964	25,329	53.3%
	Total Other Expenses	82,781	32,017	50,764	38.7%
	Total Engineering Expenses	349,863	164,798	185,065	47.1%

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

For the Period Ended January 31, 2022
(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	544,803	453,621	54.6%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	17,685	(7,685)	176.8% (1)
01-6315-04-00-00	Comp Time - Admin	5,000	2,209	2,791	44.2%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	517,316	282,280	235,036	54.6%
	Total Payroll Costs	1,530,740	846,977	683,763	55.3%
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	15,125	9,225	62.1%
01-6102-04-00-00	Subscriptions	2,081	2,032	49	97.7%
01-6103-04-00-00	Contract Labor	50,000	14,933	35,067	29.9%
01-6200-04-00-00	Management Support Services	90,000	23,487	66,513	26.1%
01-6201-04-00-00	Audit	46,000	32,500	13,500	70.7%
01-6202-04-00-00	Legal	220,000	190,798	29,202	86.7%
01-6204-04-00-00	Postage	1,500	676	824	45.1%
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	3,994	(2,794)	332.8% (2)
01-6234-04-00-00	Memberships & Trainings	88,000	77,176	10,824	87.7%
01-6239-04-00-00	Travel & Conference	11,000	3,542	7,458	32.2%
01-6241-04-00-00	Education Reimbursement	1,500	904	596	60.3%
01-6310-04-00-00	Miscellaneous	18,000	13,994	4,006	77.7%
01-6311-04-00-00	Mileage	1,236	38	1,198	3.1%
01-6317-04-00-00	Contract Services Misc	5,722	3,396	2,326	59.3%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	125,761	66,446	59,315	52.8%
01-6601-04-00-00	Shipping/Freight	3,815	2,775	1,040	72.7%
01-6705-04-00-00	Monthly Car Allowance	12,000	7,062	4,938	58.8%
	Total Other Expenses	709,934	460,164	249,770	64.8%
Total Admin Expenses		2,240,674	1,307,141	933,533	58.3%

(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 January 31, 2022
(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	60,515	39,561	60.5%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	51,852	31,355	20,497	60.5%
	Total Salary & Fringe	151,928	91,870	60,058	60.5%
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	1,725	1,275	57.5%
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	36,274	4,752	88.4%
01-6301-05-00-00	Hardware Maintenance Agreements	14,726	4,937	9,789	33.5%
01-6302-05-00-00	Cloud Subscriptions (Internet)	177,328	110,212	67,116	62.2%
01-6303-05-00-00	Telecommunications	165,582	98,577	67,005	59.5%
01-6305-05-00-00	IT Professional Services	92,400	17,242	75,158	18.7%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	40,985	4,509	36,476	11.0%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	28,968	12,446	16,522	43.0%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	38,719	25,454	60.3%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	-	1,282	(1,282)	-
	Total Other Expenses	639,198	326,124	313,074	51.0%
	Total Expenses before Allocation	791,126	417,994	373,132	52.8%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(791,126)	(417,994)	(373,132)	52.8%
	Total IT Allocations (Out) to PC's & Depts	(791,126)	(417,994)	(373,132)	52.8%

Agenda Item

5.F.

Board of Directors Meeting

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Financial Reports for the Month of February 2022

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 February 2022 (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

January 2022 cash disbursements were: \$ 3,585,087.

- 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 February 2022 disbursements for the period from February 1, 2022, through February 28, 2022, totaling \$3,585,087, and to receive and file the February 2022 Financial Reports as submitted.

Exhibit A

**South Orange County Wastewater Authority
Summary of Disbursements for February 2022
Staff Recommendation of Fiscal Matters**

	Actual
General Fund	\$ (473,263)
PC 2 - Jay B. Latham Plant	(1,986,536)
PC 5 - San Juan Creek Ocean Outfall	(38,082)
PC 8 - Pretreatment Program	(8,307)
PC 12 SO - Water Reclamation Permits	(663)
PC 15 - Coastal Treatment Plant/AWT	(340,014)
PC 17 - Joint Regional Wastewater Reclamation	(716,389)
PC 21 - Effluent Transmission Main	(8,300)
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(13,533)
Total¹	\$ (3,585,087)

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of February 28, 2022**

CASH IN BANK: (BEGINNING BAL.)	\$ 2,118,137
L.A.I.F. FUNDS: (BEGINNING BAL.)	6,925,673
DEPOSITS, TRANSFERS & ADJUSTMENTS:	8,825,702
FUND REQUIREMENTS:	
BILLS FOR CONSIDERATION ¹	<u>(3,585,087)</u>
TOTAL CASH IN BANK	<u>\$ 14,284,425</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 03/08/22



PMIA Average Monthly Effective Yields⁽¹⁾

Feb	0.278
Jan	0.234
Dec	0.212

Quarterly Performance Quarter Ended 12/31/21

LAIF Apportionment Rate ⁽²⁾ :	0.23
LAIF Earnings Ratio ⁽²⁾ :	0.00000625812849570
LAIF Fair Value Factor ⁽¹⁾ :	0.997439120
PMIA Daily ⁽¹⁾ :	0.22%
PMIA Quarter to Date ⁽¹⁾ :	0.21%
PMIA Average Life ⁽¹⁾ :	340

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾

02/28/22

\$199.1 billion

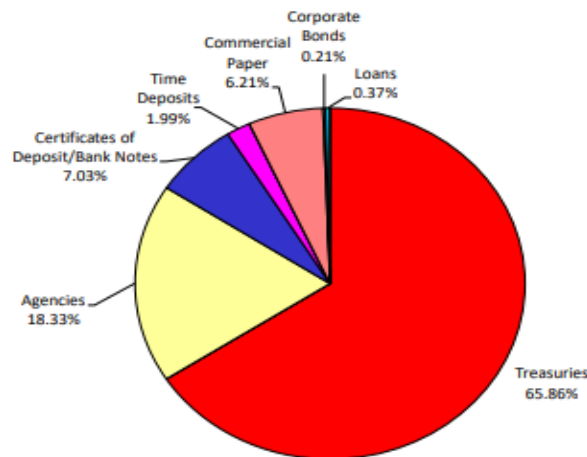


Chart does not include \$5,920,000.00 in mortgages, which equates to 0.003%. Percentages may not total 100% due to rounding.

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 February 28, 2022**

MVA	\$ 1,154	(A)
A/P Checking	1,284,396	(B)
Payroll Checking	405,202	(C)
State LAIF	12,593,673	(D)
Total Cash in Bank¹	\$ 14,284,425	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 14,286,025	
OPEB Trust	6,447,252	(F)
Total Cash and Investments	\$ 20,733,277	

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

Notes:

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

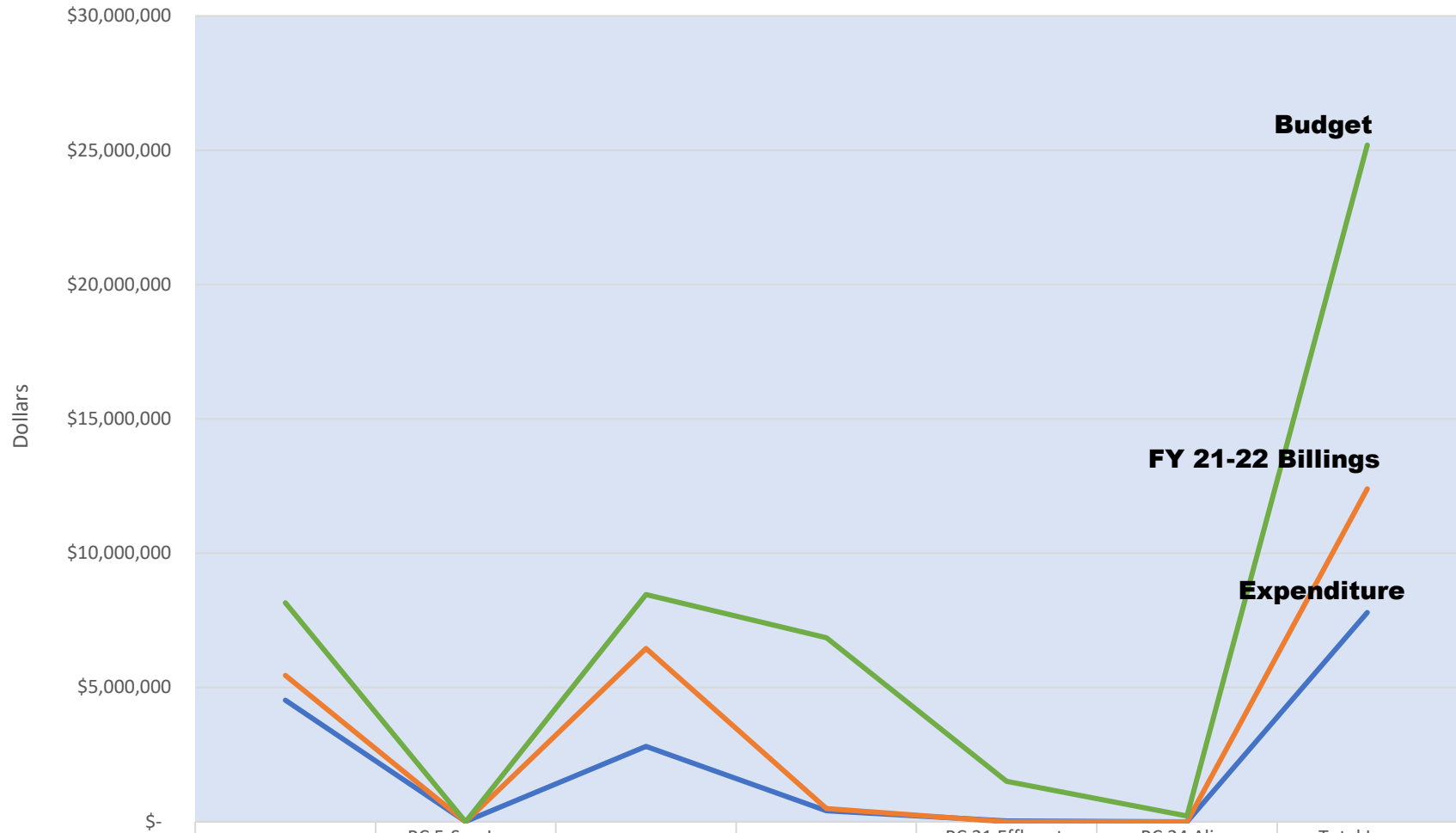
**South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended February 28, 2022
(in dollars)**

FY 2021-22 Budget vs. Actual Spending								
Description	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 8,153,937	\$ 4,532,376	\$ 3,621,561	55.6%	\$ 5,452,000	\$ 4,679,244	\$ 772,756	83.1%
PC 5-San Juan Creek Outfall ¹	-	7,904	(7,904)	-	-	-	-	-
PC 15-Coastal	8,464,653	2,810,028	5,654,625	33.2%	6,454,999	6,454,999	-	43.5%
PC 17-Regional	6,851,959	407,634	6,444,325	5.9%	488,249	488,249	-	83.5%
PC 21 Effluent Transmission	1,502,000	32,812	1,469,188	2.2%	-	-	-	-
PC 24 Aliso Creek Outfall	220,000	-	220,000	0.0%	-	-	-	-
Total Large Capital	\$ 25,192,549	\$ 7,790,754	\$ 17,401,795	30.9%	\$ 12,395,248	\$ 11,622,492	\$ 772,756	62.9%
Non-Capital Engineering	405,871	31,747	374,124	7.8%	50,000	50,000	-	63.5%
Non-Capital Misc Engineering	254,500	4,778	249,723	1.9%	59,000	54,076	4,924	8.1%
Small Internal Capital	2,061,000	891,914	1,169,086	43.3%	1,545,750	1,493,486	52,264	57.7%
Total Capital	\$ 27,913,920	\$ 8,719,193	\$ 19,194,727	31.2%	\$ 14,049,998	\$ 13,220,054	\$ 829,944	62.1%

¹ PC 5 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 2/28/2022

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 2/28/22	\$4,532,376	7,904.31	\$2,810,028	\$407,634	\$32,812.18	-	\$7,790,754
FY 21-22 Billings	\$5,452,000	-	\$6,454,999	\$488,249	-	-	\$12,395,248
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 February 28, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
Salary and Fringe								
5000--***	Regular Salaries-O&M	4,847,168		4,847,168	2,880,698	1,966,470	59.4%	
5001--***	Overtime Salaries-O&M	107,256		107,256	90,403	16,853	84.3%	
5306--***	Scheduled Holiday Work	91,000		91,000	77,583	13,417	85.3%	
5315--***	Comp Time - O&M	15,980		15,980	18,895	(2,915)	118.2%	
5401--***	Fringe Benefits IN to PC's & Depts.	2,511,460		2,511,460	1,492,585	1,018,875	59.4%	
5700--***	Standby Pay	67,600		67,600	44,981	22,619	66.5%	
	Total Payroll Costs	7,640,464	-	7,640,464	4,605,145	3,035,319	60.3%	
Other Expenses								
5002--***	Electricity	1,170,780		1,170,780	734,521	436,259	62.7%	
5003--***	Natural Gas	226,008		226,008	267,927	(41,919)	118.5%	(1)
5004--***	Potable & Reclaimed Water	85,000		85,000	41,942	43,058	49.3%	
5005--***	Co-generation Power Credit	(686,000)		(686,000)	(755,775)	69,775	110.2%	
5006--***	Chlorine/Sodium Hypochlorite	502,008		502,008	382,210	119,798	76.1%	
5007--***	Polymer Products	747,004		747,004	525,509	221,495	70.3%	
5008--***	Ferric Chloride	588,004		588,004	447,586	140,418	76.1%	
5009--***	Odor Control Chemicals	107,016		107,016	83,038	23,978	77.6%	
5010--***	Other Chemicals - Misc.	2,004		2,004	-	2,004	-	
5011--***	Laboratory Services	65,196		65,196	21,517	43,679	33.0%	
5012--***	Grit Hauling	120,000		120,000	113,486	6,514	94.6%	(9)
5013--***	Landscaping	219,008		219,008	133,113	85,895	60.8%	
5015--***	Management Support Services	475,000	60,000	535,000	92,463	442,537	17.3%	
5016--***	Audit - Environmental	1,304		1,304	-	1,304	-	
5017--***	Legal Fees	48,612	7,070	55,682	41,662	14,020	74.8%	
5018--***	Public Notices/ Public Relations	6,000		6,000	-	6,000	-	
5019--***	Contract Services Misc.	277,016		277,016	219,102	57,914	79.1%	
5021--***	Small Vehicle Expense	23,080		23,080	25,538	(2,458)	110.6%	
5022--***	Miscellaneous Expense	16,012		16,012	2,285	13,727	14.3%	
5023--***	Office Supplies - All	46,008		46,008	18,330	27,678	39.8%	
5024--***	Petroleum Products	34,008		34,008	11,978	22,030	35.2%	
5025--***	Uniforms	70,996		70,996	47,190	23,806	66.5%	
5026--***	Small Vehicle Fuel	22,656		22,656	10,353	12,303	45.7%	
5027--***	Insurance - Property/Liability	317,684		317,684	409,740	(92,056)	129.0%	(2)
5028--***	Small Tools & Supplies	80,000		80,000	39,768	40,232	49.7%	
5030--***	Trash Disposal	8,500		8,500	4,205	4,295	49.5%	
5031--***	Safety Program & Supplies	119,344		119,344	51,738	67,606	43.4%	
5032--***	Equipment Rental	7,004		7,004	10,387	(3,383)	148.3%	
5033--***	Recruitment	2,500		2,500	2,870	(370)	114.8%	
5034--***	Travel Expense/Tech. Conferences	29,928		29,928	1,190	28,738	4.0%	
5035--***	Training Expense	47,996		47,996	16,810	31,186	35.0%	
5036--***	Laboratory Supplies	124,400		124,400	79,875	44,525	64.2%	
5037--***	Office Equipment	25,992		25,992	14,732	11,260	56.7%	
5038--***	Permits	489,996		489,996	591,042	(101,046)	120.6%	(4)
5039--***	Membership Dues/Fees	17,872		17,872	7,926	9,946	44.3%	
5044--***	Offshore Monitoring	151,000		151,000	63,141	87,859	41.8%	
5045--***	Offshore Biochemistry - 20B	23,024		23,024	-	23,024	-	
5046--***	Effluent Chemistry	70,000		70,000	11,584	58,416	16.5%	
5047--***	Access Road Expenses	45,000		45,000	1,653	43,347	3.7%	
5048--***	Storm Damage	21,000		21,000	-	21,000	-	
5049--***	Biosolids Disposal	1,470,000		1,470,000	1,030,562	439,438	70.1%	
5050--***	Contract Services Generators - 29A	28,008		28,008	16,884	11,124	60.3%	(3)
5052--***	Janitorial Services	101,004		101,004	54,290	46,714	53.8%	
5053--***	Contract Serv - Digester Cleaning - 29E	60,000		60,000	31,306	28,694	52.2%	(5)
5054--***	Diesel Truck Maint	42,000		42,000	12,973	29,027	30.9%	
5055--***	Diesel Truck Fuel	11,500		11,500	6,883	4,617	59.9%	
5056--***	Maintenance Equip. & Facilities (Solids)	366,000		366,000	323,138	42,862	88.3%	(6)
5057--***	Maintenance Equip. & Facilities (Liquids)	651,996		651,996	369,253	282,743	56.6%	
5058--***	Maintenance Equip. & Facilities (Common)	90,008		90,008	110,443	(20,435)	122.7%	(7)
5059--***	Maintenance Equip. & Facilities (Co-Gen)	738,996		738,996	534,681	204,315	72.4%	
5060--***	Maintenance Equip. & Facilities (AWT)	88,000		88,000	57,688	30,312	65.6%	
5061--***	Mileage	3,608		3,608	1,083	2,525	30.0%	
5068--***	MNWD Potable Water Supplies & Svcs.	28,000		28,000	24,545	3,455	87.7%	(8)
5074--***	Education Reimbursement	1,996		1,996	101	1,895	5.1%	

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary
For the Period Ended February 28, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
5076--**-**	SCADA Infrastructure	86,596		86,596	81,411	5,185	94.0%
5077--**-**	IT Direct	5,508		5,508	-	5,508	-
5105--**-**	Co-Generation Power Credit - Offset	685,992		685,992	755,775	(69,783)	110.2%
5303--**-**	Group Insurance Waiver	14,392		14,392	10,565	3,827	73.4%
5305--**-**	Medicare Tax Payments for Employees	2,160		2,160	1,419	741	65.7%
5309--**-**	Operating Leases	26,000		26,000	20,071	5,929	77.2%
5705--**-**	Monthly Car Allowance	35,396		35,396	24,363	11,033	68.8%
5799--**-**	Zephyr Wall Costs Share-O&M	(14,000)		(14,000)	(14,000)	-	100.0%
6241--**-**	Education Reimbursement	-		-	449	(449)	-
6500--**-**	IT Allocations in to PC's & Depts.	610,540		610,540	361,143	249,397	59.2%
	Total Other Expenses	10,881,660	67,070	10,948,730	7,585,665	3,363,065	69.3%
Total O&M Expenses		18,522,124	67,070	18,589,194	12,190,810	6,398,384	65.6%

* 02/03/2022 Board approved budget amendment for PC 12-Water Reclamation Management Support Services, \$45,000, for Support Services Salt & Nutrient Management Plan.

* 02/03/2022 Board approved budget amendment for PC 2- \$5,000, PC 15- \$5,000, PC 17- \$5,000 Management Support Services, total \$15,000 for CASA Climate Change Program.

* 02/14/2022 PC 23 Committee approved budget amendment for PC 23 - \$7,070, for work performed on the Intertie Project.

- (1) Additional natural gas was used to run the cogeneration system at RTP during warranty repairs on the digester gas cleaning System.
- (2) Property Liability insurance rate increased due to insurers' increases in California.
- (3) Generator services are completed before the rainy season each year and are nearly complete for the Fiscal Year.
- (4) Permit fees were received late December, paid in January. Permit fees will be fully expended.
- (5) Digester cleaning at JBL is well underway for the Fiscal Year.
- (6) JBL staff are performing work in solids areas that are usually unavailable during the ongoing Package B Construction Project shutdowns.
- (7) The Administrative buildings at JBL and RTP had sewer and water pipes repaired.
- (8) Annual laboratory proficiency testing costs for potable water certification. Costs expected to level out.
- (9) Increased solids from digester cleaning process and upstream treatment plant to JBL.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended February 28, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
02 - Jay B. Latham Plant								
Salary and Fringe								
02-5000-**-**	Regular Salaries-O&M	1,585,228		1,585,228	1,008,691	576,537	63.6%	
02-5001-**-**	Overtime Salaries-O&M	37,904		37,904	50,194	(12,290)	132.4%	
02-5306-**-**	Scheduled Holiday Work	36,600		36,600	29,916	6,684	81.7%	
02-5315-**-**	Comp Time - O&M	8,264		8,264	11,515	(3,251)	139.3%	
02-5401-**-**	Fringe Benefits IN to PC's & Depts.	821,352		821,352	522,636	298,716	63.6%	
02-5700-**-**	Standby Pay	25,096		25,096	18,168	6,928	72.4%	
	Total Payroll Costs	2,514,444	-	2,514,444	1,641,121	873,323	65.3%	
Other Expenses								
02-5002-**-**	Electricity	506,564		506,564	355,851	150,713	70.2%	
02-5003-**-**	Natural Gas	132,160		132,160	131,921	239	99.8%	
02-5004-**-**	Potable & Reclaimed Water	25,000		25,000	14,724	10,276	58.9%	
02-5006-**-**	Chlorine/Sodium Hypochlorite	8,000		8,000	15,748	(7,748)	196.9%	(1)
02-5007-**-**	Polymer Products	305,000		305,000	210,731	94,269	69.1%	
02-5008-**-**	Ferric Chloride	200,000		200,000	173,189	26,811	86.6%	
02-5009-**-**	Odor Control Chemicals	21,004		21,004	20,581	423	98.0%	
02-5010-**-**	Other Chemicals - Misc.	1,000		1,000	-	1,000	-	
02-5011-**-**	Laboratory Services	19,000		19,000	6,100	12,900	32.1%	
02-5012-**-**	Grit Hauling	55,000		55,000	71,165	(16,165)	129.4%	(2)
02-5013-**-**	Landscaping	77,004		77,004	37,479	39,526	48.7%	
02-5015-**-**	Management Support Services	30,008	5,000	35,008	26,375	8,633	75.3%	
02-5017-**-**	Legal Fees	4,996		4,996	1,454	3,542	29.1%	
02-5019-**-**	Contract Services Misc.	70,636		70,636	71,005	(369)	100.5%	
02-5021-**-**	Small Vehicle Expense	11,000		11,000	4,705	6,295	42.8%	
02-5022-**-**	Miscellaneous Expense	8,000		8,000	1,605	6,395	20.1%	
02-5023-**-**	Office Supplies - All	29,000		29,000	9,339	19,661	32.2%	
02-5024-**-**	Petroleum Products	11,004		11,004	-	11,004	-	
02-5025-**-**	Uniforms	33,996		33,996	20,963	13,033	61.7%	
02-5026-**-**	Small Vehicle Fuel	10,004		10,004	4,328	5,676	43.3%	
02-5027-**-**	Insurance - Property/Liability	108,384		108,384	139,791	(31,407)	129.0%	(3)
02-5028-**-**	Small Tools & Supplies	38,000		38,000	10,649	27,351	28.0%	
02-5030-**-**	Trash Disposal	3,000		3,000	1,880	1,120	62.7%	
02-5031-**-**	Safety Program & Supplies	41,000		41,000	23,138	17,862	56.4%	
02-5032-**-**	Equipment Rental	3,000		3,000	-	3,000	-	
02-5033-**-**	Recruitment	348		348	970	(622)	278.7%	
02-5034-**-**	Travel Expense/Tech. Conferences	9,012		9,012	470	8,542	5.2%	
02-5035-**-**	Training Expense	16,976		16,976	5,862	11,114	34.5%	
02-5036-**-**	Laboratory Supplies	21,004		21,004	11,003	10,001	52.4%	
02-5037-**-**	Office Equipment	13,000		13,000	5,273	7,727	40.6%	
02-5038-**-**	Permits	13,496		13,496	19,414	(5,918)	143.9%	
02-5039-**-**	Membership Dues/Fees	4,516		4,516	2,116	2,400	46.8%	
02-5049-**-**	Biosolids Disposal	620,000		620,000	371,396	248,604	59.9%	
02-5050-**-**	Contract Services Generators - 29A	10,004		10,004	12,739	(2,735)	127.3%	(4)
02-5052-**-**	Janitorial Services	47,000		47,000	28,183	18,817	60.0%	
02-5053-**-**	Contract Serv - Digester Cleaning - 29E	60,000		60,000	31,306	28,694	52.2%	(5)
02-5054-**-**	Diesel Truck Maint	22,000		22,000	4,254	17,746	19.3%	
02-5055-**-**	Diesel Truck Fuel - 37B	2,996		2,996	2,026	970	67.6%	
02-5056-**-**	Maintenance Equip. & Facilities (Solids)	155,000		155,000	143,494	11,506	92.6%	(6)
02-5057-**-**	Maintenance Equip. & Facilities (Liquids)	260,000		260,000	106,931	153,069	41.1%	
02-5058-**-**	Maintenance Equip. & Facilities (Common)	29,000		29,000	62,359	(33,359)	215.0%	(7)
02-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	277,120		277,120	179,484	97,636	64.8%	
02-5061-**-**	Mileage	2,104		2,104	366	1,738	17.4%	
02-5076-**-**	SCADA Infrastructure	28,960		28,960	27,137	1,823	93.7%	
02-5077-**-**	IT Direct	2,620		2,620	-	2,620	-	
02-5303-**-**	Group Insurance Waiver	3,596		3,596	3,378	218	94.0%	
02-5309-**-**	Operating Leases	26,000		26,000	18,156	7,844	69.8%	
02-5705-**-**	Monthly Car Allowance	22,804		22,804	15,171	7,633	66.5%	
02-5799-**-**	Zephyr Wall Costs Share-O&M	(14,000)		(14,000)	(14,000)	-	100.0%	
02-6500-**-**	IT Allocations in to PC's & Depts.	199,812		199,812	118,189	81,623	59.2%	
	Total Other Expenses	3,585,128	5,000	3,590,128	2,508,399	1,081,729	69.9%	
	Total Expenses	6,099,572	5,000	6,104,572	4,149,520	1,955,052	68.0%	

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended February 28, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
05 - San Juan Creek Ocean Outfall								
Salary and Fringe								
05-5000-**-**	Regular Salaries-O&M	146,556		146,556	87,551	59,005	59.7%	
05-5001-**-**	Overtime Salaries-O&M	72		72	234	(162)	324.7%	
05-5306-**-**	Scheduled Holiday Work	416		416	350	66	84.0%	
05-5401-**-**	Fringe Benefits IN to PC's & Depts.	75,928		75,928	45,363	30,565	59.7%	
	Total Payroll Costs	222,972	-	222,972	133,498	89,474	59.9%	
Other Expenses								
05-5015-**-**	Management Support Services	212,500		212,500	36,856	175,644	17.3%	
05-5017-**-**	Legal Fees	2,008		2,008	-	2,008	-	
05-5026-**-**	Small Vehicle Fuel	500		500	-	500	-	
05-5027-**-**	Insurance - Property/Liability	9,668		9,668	12,470	(2,802)	129.0%	(3)
05-5031-**-**	Safety Supplies							
05-5033-**-**	Recruitment	556		556	-	556	-	
05-5034-**-**	Travel Expense/Tech. Conferences	1,512		1,512	180	1,332	11.9%	
05-5035-**-**	Training Expense	1,952		1,952	18	1,935	0.9%	
05-5036-**-**	Laboratory Supplies	35,000		35,000	21,058	13,942	60.2%	
05-5038-**-**	Permits	228,968		228,968	325,004	(96,036)	1.42	(8)
05-5039-**-**	Membership Dues/Fees	216		216	-	216	-	
05-5044-**-**	Offshore Monitoring	75,496		75,496	32,643	42,853	43.2%	
05-5045-**-**	Offshore Biochemistry - 20B	11,512		11,512	-	11,512	-	
05-5046-**-**	Effluent Chemistry	35,000		35,000	5,377	29,623	15.4%	
05-5056-**-**	Maintenance Equip. & Facilities (Solids) 41-A	-		-	572	(572)	-	
05-5058-**-**	Maintenance Equip. & Facilities (Common)	1,004		1,004	375	629	37.4%	
05-6500-**-**	IT Allocations in to PC's & Depts.	18,464		18,464	10,918	7,546	59.1%	
	Total Other Expenses	635,408	-	635,408	445,471	189,937	70.1%	
	Total Expenses	858,380	-	858,380	578,969	279,411	67.4%	
08 - Pre Treatment								
Salary and Fringe								
08-5000-**-**	Regular Salaries-O&M	117,772		117,772	67,733	50,039	57.5%	
08-5401-**-**	Fringe Benefits IN to PC's & Depts.	61,016		61,016	35,094	25,922	57.5%	
	Total Payroll Costs	178,788	-	178,788	102,827	75,961	57.5%	
Other Expenses								
08-5011-**-**	Laboratory Services	3,200		3,200	405	2,795	12.7%	
08-5016-**-**	Audit - Environmental	1,304		1,304	-	1,304	-	
08-5017-**-**	Legal Fees	2,596		2,596	-	2,596	-	
08-5018-**-**	Public Notices/ Public Relations	6,000		6,000	-	6,000	-	
08-5021-**-**	Small Vehicle Expense - 31A	1,076		1,076	-	1,076	-	
08-5022-**-**	Miscellaneous Expense	2,008		2,008	41	1,967	2.0%	
08-5026-**-**	Small Vehicle Fuel - 37A	1,148		1,148	245	903	21.4%	
08-5027-**-**	Insurance - Property/Liability	3,024		3,024	3,900	(876)	129.0%	(3)
08-5028-**-**	Small Tools & Supplies	3,000		3,000	2,033	967	67.8%	
08-5034-**-**	Travel Expense/Tech. Conferences	2,732		2,732	-	2,732	-	
08-5035-**-**	Training Expense	-		-	450	(450)	-	
08-5038-**-**	Permits and Fines	3,132		3,132	-	3,132	-	
08-5039-**-**	Membership Dues/Fees	-		-	438	(438)	-	
08-6500-**-**	IT Allocations in to PC's & Depts.	14,832		14,832	8,775	6,057	59.2%	
	Total Other Expenses	44,052	-	44,052	16,287	27,765	37.0%	
	Total Expenses	222,840	-	222,840	119,114	103,726	53.5%	
12 - Water Reclamation Permits								
Salary and Fringe								
12-5000-**-**	Regular Salaries-O&M	44,808		44,808	14,335	30,473	32.0%	
12-5401-**-**	Fringe Benefits IN to PC's & Depts.	23,208		23,208	7,427	15,781	32.0%	
	Total Payroll Costs	68,016	-	68,016	21,762	46,254	32.0%	
Other Expenses								
12-5015-**-**	Management Support Services	-	45,000	45,000	-	45,000	-	
12-5017-**-**	Legal Fees	2,000		2,000	1,063	937	53.2%	
12-5027-**-**	Insurance - Property/Liability	5,164		5,164	6,660	(1,496)	129.0%	(3)
12-5034-**-**	Travel Expense/Tech. Conferences	920		920	-	920	-	
12-5038-**-**	Permits	12,044		12,044	23,783	(11,739)	197.5%	(8)
12-5039-**-**	Membership Dues/Fees	68		68	-	68	-	
12-6500-**-**	IT Allocations in to PC's & Depts.	5,640		5,640	3,338	2,302	59.2%	
	Total Other Expenses	25,836	45,000	70,836	34,845	35,991	49.2%	
	Total Expenses	93,852	45,000	138,852	56,607	82,245	40.8%	

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended February 28, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
15 - Coastal Treatment Plant								
Salary and Fringe								
15-5000-**-**	Regular Salaries-O&M	1,083,504		1,083,504	582,259	501,245	53.7%	
15-5001-**-**	Overtime Salaries-O&M	19,208		19,208	12,758	6,450	66.4%	
15-5306-**-**	Scheduled Holiday Work	15,584		15,584	15,575	9	99.9%	
15-5315-**-**	Comp Time - O&M	2,000		2,000	2,610	(610)	130.5%	
15-5401-**-**	Fringe Benefits IN to PC's & Depts.	561,396		561,396	301,688	259,708	53.7%	
15-5700-**-**	Standby Pay	16,504		16,504	5,265	11,239	31.9%	
	Total Payroll Costs	1,698,196	-	1,698,196	920,155	778,041	54.2%	
Other Expenses								
15-5002-**-**	Electricity	202,348		202,348	208,711	(6,363)	103.1%	
15-5003-**-**	Natural Gas	2,872		2,872	2,556	316	89.0%	
15-5004-**-**	Potable & Reclaimed Water	25,000		25,000	14,236	10,764	56.9%	
15-5006-**-**	Chlorine/Sodium Hypochlorite	94,004		94,004	56,888	37,116	60.5%	
15-5007-**-**	Polymer Products	1,004		1,004	-	1,004	-	
15-5008-**-**	Ferric Chloride	58,000		58,000	47,756	10,244	82.3%	
15-5009-**-**	Odor Control Chemicals	51,004		51,004	30,583	20,421	60.0%	
15-5011-**-**	Laboratory Services	20,000		20,000	6,273	13,727	31.4%	
15-5012-**-**	Grit Hauling	23,000		23,000	13,456	9,544	58.5%	
15-5013-**-**	Landscaping	57,000		57,000	35,590	21,410	62.4%	
15-5015-**-**	Management Support Services	10,000	5,000	15,000	1,125	13,875	7.5%	
15-5017-**-**	Legal Fees	30,000		30,000	2,799	27,201	9.3%	
15-5019-**-**	Contract Services Misc.	91,732		91,732	67,157	24,575	73.2%	
15-5021-**-**	Small Vehicle Expense	4,004		4,004	5,375	(1,371)	134.2%	
15-5022-**-**	Miscellaneous Expense	1,000		1,000	262	738	26.2%	
15-5023-**-**	Office Supplies - All	4,004		4,004	3,239	765	80.9%	
15-5024-**-**	Petroleum Products	3,000		3,000	3,927	(927)	130.9%	
15-5025-**-**	Uniforms	9,000		9,000	5,543	3,457	61.6%	
15-5026-**-**	Small Vehicle Fuel	2,000		2,000	1,664	336	83.2%	
15-5027-**-**	Insurance - Property/Liability	47,112		47,112	60,764	(13,652)	129.0%	(3)
15-5028-**-**	Small Tools & Supplies	9,000		9,000	3,943	5,057	43.8%	
15-5030-**-**	Trash Disposal	2,996		2,996	1,162	1,834	38.8%	
15-5031-**-**	Safety Supplies	35,000		35,000	6,819	28,181	19.5%	
15-5032-**-**	Equipment Rental	1,000		1,000	-	1,000	-	
15-5033-**-**	Recruitment	312		312	100	212	32.1%	
15-5034-**-**	Travel Expense/Tech. Conferences	5,244		5,244	180	5,064	3.4%	
15-5035-**-**	Training Expense	11,632		11,632	4,256	7,376	36.6%	
15-5036-**-**	Laboratory Supplies	14,000		14,000	14,505	(505)	103.6%	
15-5037-**-**	Office Equipment	2,996		2,996	2,132	864	71.2%	
15-5038-**-**	Permits	4,820		4,820	1,296	3,524	26.9%	
15-5039-**-**	Membership Dues/Fees	4,960		4,960	1,854	3,106	37.4%	
15-5047-**-**	Access Road Expenses	45,000		45,000	1,653	43,347	3.7%	
15-5048-**-**	Storm Damage	21,000		21,000	-	21,000	-	
15-5049-**-**	Biosolids Disposal	-		-	34,729	(34,729)	-	(9)
15-5050-**-**	Contract Services Generators - 29A	5,000		5,000	-	5,000	-	
15-5052-**-**	Janitorial Services	12,004		12,004	8,583	3,421	71.5%	
15-5054-**-**	Diesel Truck Maint - 31B	1,000		1,000	-	1,000	-	
15-5055-**-**	Diesel Truck Fuel - 37B	504		504	-	504	-	
15-5057-**-**	Maintenance Equip. & Facilities (Liquids)	149,996		149,996	138,767	11,229	92.5%	
15-5058-**-**	Maintenance Equip. & Facilities (Common)	23,000		23,000	3,062	19,938	13.3%	
15-5060-**-**	Maintenance Equip. & Facilities (AWT)	38,000		38,000	28,764	9,236	75.7%	
15-5061-**-**	Mileage	500		500	100	400	20.1%	
15-5076-**-**	SCADA Infrastructure	28,952		28,952	27,137	1,815	93.7%	
15-5077-**-**	IT Direct	264		264	-	264	-	
15-5303-**-**	Group Insurance Waiver	3,600		3,600	2,534	1,066	70.4%	
15-5305-**-**	Medicare Tax Payments for Employees	2,160		2,160	1,419	741	65.7%	
15-5705-**-**	Monthly Car Allowance	4,196		4,196	2,795	1,401	66.6%	
15-6500-**-**	IT Allocations in to PC's & Depts.	136,476		136,476	80,728	55,748	59.2%	
	Total Other Expenses	1,299,696	5,000	1,304,696	934,425	370,271	71.6%	
	Total Expenses	2,997,892	5,000	3,002,892	1,854,580	1,148,312	61.8%	

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended February 28, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted 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		1,718,916	1,044,289	674,627	60.8%	
17-5001-**-**	Overtime Salaries-O&M	49,452		49,452	26,297	23,155	53.2%	
17-5306-**-**	Scheduled Holiday Work	38,136		38,136	31,393	6,743	82.3%	
17-5315-**-**	Comp Time - O&M	5,716		5,716	4,770	946	83.4%	
17-5401-**-**	Fringe Benefits IN to PC's & Depts.	890,632		890,632	541,081	349,551	60.8%	
17-5700-**-**	Standby Pay	26,000		26,000	21,548	4,452	82.9%	
	Total Payroll Costs	2,728,852	-	2,728,852	1,669,377	1,059,475	61.2%	
Other Expenses								
17-5002-**-**	Electricity	461,868		461,868	169,959	291,909	36.8%	
17-5003-**-**	Natural Gas	90,976		90,976	133,450	(42,474)	146.7%	(10)
17-5004-**-**	Potable & Reclaimed Water	35,000		35,000	12,982	22,018	37.1%	
17-5005-**-**	Co-generation Power Credit	(686,000)		(686,000)	(755,775)	69,775	110.2%	
17-5006-**-**	Chlorine/Sodium Hypochlorite	400,004		400,004	309,573	90,431	77.4%	
17-5007-**-**	Polymer Products	441,000		441,000	314,778	126,222	71.4%	
17-5008-**-**	Ferric Chloride	330,004		330,004	226,641	103,363	68.7%	
17-5009-**-**	Odor Control Chemicals	35,008		35,008	31,874	3,134	91.0%	
17-5010-**-**	Other Chemicals - Misc.	1,004		1,004	-	1,004	-	
17-5011-**-**	Laboratory Services	22,996		22,996	8,738	14,258	38.0%	
17-5012-**-**	Grit Hauling - 21A	42,000		42,000	28,866	13,134	68.7%	
17-5013-**-**	Landscaping	85,004		85,004	60,045	24,959	70.6%	
17-5015-**-**	Management Support Services	9,996	5,000	14,996	10,625	4,371	70.9%	
17-5017-**-**	Legal Fees	5,004		5,004	29,282	(24,278)	585.2%	(11)
17-5019-**-**	Contract Services Misc.	96,312		96,312	80,939	15,373	84.0%	
17-5021-**-**	Small Vehicle Expense	7,000		7,000	15,458	(8,458)	220.8%	
17-5022-**-**	Miscellaneous Expense	5,004		5,004	377	4,627	7.5%	
17-5023-**-**	Office Supplies - All	13,004		13,004	5,752	7,252	44.2%	
17-5024-**-**	Petroleum Products	20,004		20,004	8,051	11,953	40.2%	
17-5025-**-**	Uniforms	28,000		28,000	20,684	7,316	73.9%	
17-5026-**-**	Small Vehicle Fuel	9,004		9,004	4,115	4,889	45.7%	
17-5027-**-**	Insurance - Property/Liability	135,628		135,628	174,929	(39,301)	129.0%	(3)
17-5028-**-**	Small Tools & Supplies	30,000		30,000	23,142	6,858	77.1%	
17-5030-**-**	Trash Disposal	2,504		2,504	1,163	1,341	46.5%	
17-5031-**-**	Safety Supplies	41,248		41,248	21,781	19,467	52.8%	
17-5032-**-**	Equipment Rental	3,004		3,004	10,387	(7,383)	345.8%	
17-5033-**-**	Recruitment	728		728	1,800	(1,072)	247.3%	
17-5034-**-**	Travel Expense/Tech. Conferences	8,996		8,996	180	8,816	2.0%	
17-5035-**-**	Training Expense	15,480		15,480	6,207	9,273	40.1%	
17-5036-**-**	Laboratory Supplies	24,392		24,392	12,499	11,893	51.2%	
17-5037-**-**	Office Equipment	9,996		9,996	7,327	2,669	73.3%	
17-5038-**-**	Permits	10,612		10,612	2,199	8,413	20.7%	
17-5039-**-**	Membership Dues/Fees	7,892		7,892	3,519	4,373	44.6%	
17-5049-**-**	Biosolids Disposal	850,000		850,000	624,437	225,563	73.5%	
17-5050-**-**	Contract Services Generators - 29A	13,004		13,004	4,145	8,859	31.9%	
17-5052-**-**	Janitorial Services	42,000		42,000	17,524	24,476	41.7%	
17-5054-**-**	Diesel Truck Maint	19,000		19,000	8,720	10,280	45.9%	
17-5055-**-**	Diesel Truck Fuel	8,000		8,000	4,857	3,143	60.7%	
17-5056-**-**	Maintenance Equip. & Facilities (Solids)	211,000		211,000	179,073	31,927	84.9%	(12)
17-5057-**-**	Maintenance Equip. & Facilities (Liquids)	242,000		242,000	123,555	118,445	51.1%	
17-5058-**-**	Maintenance Equip. & Facilities (Common)	36,000		36,000	44,646	(8,646)	124.0%	(13)
17-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	461,876		461,876	355,197	106,679	76.9%	
17-5060-**-**	Maintenance Equip. & Facilities (AWT) 41-E	50,000		50,000	28,924	21,076	57.8%	
17-5061-**-**	Mileage	1,004		1,004	617	387	61.5%	
17-5068-**-**	MNWD Potable Water Supplies & Svcs.	28,000		28,000	24,545	3,455	87.7%	(14)
17-5074-**-**	Education Reimbursement	1,996		1,996	101	1,895	5.1%	
17-5076-**-**	SCADA Infrastructure	28,684		28,684	27,137	1,547	94.6%	
17-5077-**-**	IT Direct	2,624		2,624	-	2,624	-	
17-5105-**-**	Co-Generation Power Credit - Offset	685,992		685,992	755,775	(69,783)	110.2%	
17-5303-**-**	Group Insurance Waiver	7,196		7,196	4,652	2,544	64.7%	
17-5309-**-**	Operating Leases	-		-	1,915	(1,915)	-	
17-5705-**-**	Monthly Car Allowance	8,396		8,396	6,397	1,999	76.2%	
17-6241-**-**	Education Reimbursement	-		-	449	(449)	-	
17-6500-**-**	IT Allocations in to PC's & Depts.	216,520		216,520	128,070	88,450	59.1%	
	Total Other Expenses	4,655,964	5,000	4,660,964	3,322,285	1,338,679	71.3%	
	Total Expenses	7,384,816	5,000	7,389,816	4,991,662	2,398,154	67.5%	

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended February 28, 2022
(in dollars)

		FY 2021-22 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended		
21 - Effluent Transmission Main									
Salary and Fringe									
21-5000-**-**	Regular Salaries-O&M	1,088		1,088	-	1,088	-		
21-5001-**-**	Overtime Salaries-O&M	-		-	-	-	-		
21-5401-**-**	Fringe Benefits IN to PC's & Depts.	564		564	-	564	-		
	Total Payroll Costs	1,652	-	1,652	-	1,652	0.0%		
Other Expenses									
21-5019-**-**	Contract Services Misc.	18,336		18,336	-	18,336	-		
21-5027-**-**	Insurance - Property/Liability	-		-	-	-	-		
	Total Other Expenses	18,336	-	18,336	-	18,336	0.0%		
	Total Expenses	19,988	-	19,988	-	19,988	0.0%		
23 - North Coast Interceptor									
Other Expenses									
23-5017-**-**	Legal Fees	-	7,070	7,070	7,063	7	99.9%		
	Total Expenses	-	7,070	7,070	7,063	7	99.9%		
24 - Aliso Creek Ocean Outfall									
Salary and Fringe									
24-5000-**-**	Regular Salaries-O&M	149,296		149,296	75,840	73,456	50.8%		
24-5001-**-**	Overtime Salaries-O&M	620		620	920	(300)	148.4%		
24-5306-**-**	Scheduled Holiday Work	264		264	350	(86)	132.4%		
24-5401-**-**	Fringe Benefits IN to PC's & Depts.	77,364		77,364	39,295	38,069	50.8%		
	Total Payroll Costs	227,544	-	227,544	116,405	111,139	51.2%		
Other Expenses									
24-5015-**-**	Management Support Services	212,496		212,496	17,482	195,014	8.2%		
24-5017-**-**	Legal Fees	2,008		2,008	-	2,008	-		
24-5027-**-**	Insurance - Property/Liability	8,704		8,704	11,226	(2,522)	129.0%	(3)	
24-5031-**-**	Safety Supplies	1,044		1,044	-	1,044	-		
24-5033-**-**	Recruitment	556		556	-	556	-		
24-5034-**-**	Travel Expense/Tech. Conferences	1,512		1,512	180	1,332	11.9%		
24-5035-**-**	Training Expense	1,956		1,956	18	1,939	0.9%		
24-5036-**-**	Laboratory Supplies	30,004		30,004	20,810	9,194	69.4%		
24-5038-**-**	Permits	216,924		216,924	219,346	(2,422)	101.1%	(8)	
24-5039-**-**	Membership Dues/Fees	220		220	-	220	-		
24-5044-**-**	Offshore Monitoring	75,504		75,504	30,498	45,006	40.4%		
24-5045-**-**	Offshore Biochemistry - 20B	11,512		11,512	-	11,512	-		
24-5046-**-**	Effluent Chemistry	35,000		35,000	6,207	28,793	17.7%		
24-5058-**-**	Maintenance Equip. & Facilities (Common) 41-C	1,004		1,004	-	1,004	-		
24-6500-**-**	IT Allocations in to PC's & Depts.	18,796		18,796	11,124	7,672	59.2%		
	Total Other Expenses	617,240	-	617,240	316,891	300,349	51.3%		
	Total Expenses	844,784	-	844,784	433,296	411,488	51.3%		
Total O&M Expenses		18,522,124	67,070	18,589,194	12,190,810	6,398,384	65.6%		

* 02/03/2022 Board approved budget amendment for PC 12-Water Reclamation Management Support Services, \$45,000, for Support Services Salt & Nutrient Management Plan.

* 02/03/2022 Board approved budget amendment for PC 2- \$5,000, PC 15- \$5,000, PC 17- \$5,000 Management Support Services, total \$15,000 for CASA Climate Change Program.

* 02/14/2022 PC 23 Committee approved budget amendment for PC 23 - \$7,070, for work performed on the Intertie Project.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended February 28, 2022

- (1) Increased solids from upstream treatment plant to JBL impacted process control uses of bleach.
- (2) Increased solids from digester cleaning process and upstream treatment plant to JBL.
- (3) Property Liability insurance rate increased due to insurers' increases in California.
- (4) Generator services are completed before the rainy season each year and are nearly complete for the Fiscal Year.
- (5) Digester cleaning at JBL is well underway for the Fiscal Year.
- (6) JBL staff are performing work in solids areas that are usually unavailable during the ongoing Package B Construction Project shutdowns.
- (7) The Administrative buildings at JBL and RTP had sewer and water pipes repaired.
- (8) Increased permit fees reported to the Board November 2021. No further increases this fiscal year.
- (9) Contaminated soils from the May and June sludge lines leaks were dried and disposed of as Biosolids.
- (10) Additional natural gas was used to run the cogeneration system at RTP during warranty repairs on the digester gas cleaning System.
- (11) Cost associated with BKK Landfill matter
- (12) Several failed RTP digester gas valves were isolated and replaced by specialty contractor.
- (13) Emergency repair for failed water line at RTP.
- (14) Annual laboratory proficiency testing costs for potable water certification. Costs expected to level out.

Exhibit E-2

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

For the Period Ended February 28, 2022
(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	92,917	83,011	52.8%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	91,154	48,143	43,011	52.8%
	Total Payroll Costs	267,081	141,060	126,022	52.8%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	440	2,744	13.8%
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	57	453	11.1%
01-5309-03-00-00	Operating Leases	9,300	-	9,300	-
01-5705-03-00-00	Monthly Car Allowance	4,200	2,294	1,906	54.6%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,293	32,426	21,867	59.7%
	Total Other Expenses	82,781	35,526	47,256	42.9%
	Total Engineering Expenses	349,863	176,585	173,277	50.5%

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

For the Period Ended February 28, 2022
(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	614,929	383,495	61.6%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	19,590	(9,590)	195.9% (1)
01-6315-04-00-00	Comp Time - Admin	5,000	2,626	2,374	52.5%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	517,316	318,615	198,701	61.6%
	Total Payroll Costs	1,530,740	955,760	574,980	62.4%
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	15,125	9,225	62.1%
01-6102-04-00-00	Subscriptions	2,081	2,032	49	97.7%
01-6103-04-00-00	Contract Labor	50,000	18,871	31,129	37.7%
01-6200-04-00-00	Management Support Services	90,000	23,487	66,513	26.1%
01-6201-04-00-00	Audit	46,000	32,500	13,500	70.7%
01-6202-04-00-00	Legal	220,000	190,798	29,202	86.7%
01-6204-04-00-00	Postage	1,500	976	524	65.1%
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	3,994	(2,794)	332.8% (2)
01-6234-04-00-00	Memberships & Trainings	88,000	78,937	9,063	89.7%
01-6239-04-00-00	Travel & Conference	11,000	3,542	7,458	32.2%
01-6241-04-00-00	Education Reimbursement	1,500	904	596	60.3%
01-6310-04-00-00	Miscellaneous	18,000	15,024	2,976	83.5%
01-6311-04-00-00	Mileage	1,236	148	1,087	12.0%
01-6317-04-00-00	Contract Services Misc	5,722	3,846	1,876	67.2%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	125,761	74,389	51,372	59.2%
01-6601-04-00-00	Shipping/Freight	3,815	2,914	901	76.4%
01-6705-04-00-00	Monthly Car Allowance	12,000	7,985	4,015	66.5%
	Total Other Expenses	709,934	476,759	233,175	67.2%
Total Admin Expenses		2,240,674	1,432,519	808,155	63.9%

(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 February 28, 2022
(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	68,524	31,552	68.5%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	51,852	35,505	16,347	68.5%
	Total Salary & Fringe	151,928	104,029	47,899	68.5%
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	1,725	1,275	57.5%
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	19,005	22,021	46.3%
01-6301-05-00-00	Hardware Maintenance Agreements	14,726	4,937	9,789	33.5%
01-6302-05-00-00	Cloud Subscriptions (Internet)	177,328	147,295	30,033	83.1%
01-6303-05-00-00	Telecommunications	165,582	112,499	53,083	67.9%
01-6305-05-00-00	IT Professional Services	92,400	17,694	74,706	19.1%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	40,985	5,433	35,552	13.3%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	28,968	13,871	15,097	47.9%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	39,987	24,186	62.3%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	-	1,282	(1,282)	-
	Total Other Expenses	639,198	363,928	275,270	56.9%
Total Expenses before Allocation		791,126	467,958	323,168	59.2%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(791,126)	(467,958)	(323,168)	59.2%
	Total IT Allocations (Out) to PC's & Depts	(791,126)	(467,958)	(323,168)	59.2%

Agenda Item

5.G.

Board of Directors

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Actuary Firms Open Task Orders, Authorization for Two-Years Services
Totaling \$15,000 for Work Of Bartel Associates and Nyhart.

Summary/Discussion

This agenda item provides a recommendation to authorize the General Manager to acquire two years of services from Bartel Associates and Nyhart for valuation and actuary services.

Bartel Associates provides:

- Fiscal Year End Net Pension Liability Change
- Pension and OPEB Termination Liability Template for Agencies leaving the Joint Powers Authority (JPA)
- Potential Changes to Board Approved Methodology for Distribution of Long-Term Liabilities

Nyhart provides:

- Fiscal Yearend Net OPEB Liability Change
- Termination Liability for OPEB
- OPEB Valuation Reports

Bartel and Nyhart services are recommended as a continuation of the work the Firms completed previously to develop templates to distribute the Authority's three long-term liabilities by project committee and member agency, and the Net Pension Liability, and Net OPEB Liability annual reporting. This item is brought to the attention of the Finance Committee and Board due to expenditures over a number of years totaling cumulative greater than \$50,000 for each firm. The majority of the expenses in past years related to development of options for allocation of unfunded liabilities and other projects.

SOCWA uses the Firms because of their expertise, competence, and experience with our organization and in the type of service required and in line with the project's complexity.

Staff recommends continued utilization of these two service providers although others in the field may be available due to knowledge and best value.

Recommended Action: The Finance Committee recommend to the Board of Directors to authorize the General Manager to acquire the services of Bartel Associates and Nyhart over a two-year period in the amount of \$15,000.

Agenda Item

5.H.

Board of Directors Meeting

Meeting Date: April 7, 2022

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Jim Burror, Director of Operations
SUBJECT: February 2022 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 February, 2022

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)	2.50	7.11	6.33	0.95	16.89
Effluent (mgd)	2.01	1.99	6.33	2.30	12.63
Peak Flow (mgd)	5.82	14.95	10.28	6.95	38.00
Influent BOD (mg/l)	333	301	384	416	
Influent TSS (mg/l)	343	312	666	506	
Effluent BOD (mg/l)	5.6	4.0	9.4	9.4	
Effluent TSS (mg/l)	6.3	4.8	10.9	11.1	
Effluent Turbidity (NTU)	3.1	3.2	5.1	5.0	

(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)	0.74	5.12		5.86
Days of Operation (days)	27	28		
Total Flow (million gallons)	20.7	143.3		164.0
Plant Irrigation (million gallons)	0.00	0.00	0.25	
AWT Time Online (%)	100.0	100.0		

Wastewater Unit Definitions

mgd = million gallons per day

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

NTU = Nephelometric Turbidity Units

SOCWA Operational Report February, 2022 (cont'd)

Biosolids Management

Biosolids Management Site	CTP	RTP	JBL	Totals
Synagro Compost (tons)		684.4	0.0	684.4
Nursery Products (tons)		273.7	472.0	745.7
Prima Deshecha (tons)		182.9	270.8	453.7
Other: _____ (tons)		0.0	0.0	0.0
Total Processed (tons)		1,141.0	742.8	1,883.8

Summary of Maintenance Activities

Task Type	CTP	RTP	JBL	Totals
Preventative Maintenance	152	352	238	742
Corrective Maintenance	24	24	55	103

Site Visitors

Visitor Types	CTP	RTP	JBL	Totals
Regulatory	0	2	2	4
Member Agency	0	0	0	0
Residents	0	0	0	0
Others	5	3	6	14
Tours #/Visitors	0	0	0	0

Grit Disposal Management

Grit & Screenings	CTP	RTP	JBL	Totals
Simi Valley Landfill (tons)	13.3	14.2	37.7	65.2

Chemical and Energy Utilization

Chemical/Utility	CTP	RTP	JBL	Totals
Ferric Chloride (tons)	8.4	35.5	NA	43.9
Utility Power Purchase (kWh)	175,413	43,291	NA	218,704
Cogen Power (kWh)		551,029	348,813	899,842
Natural Gas (Dth)	40	NA	1,384	1,424
Digester Gas to Engine (scfm)		8,289,706	4,051,068	12,340,774
Digester Gas to Boiler (scfm)		0		0
Digester Gas to Flares (scfm)		262,318	626,454	888,772
Digester Gas Power Savings		\$ 73,223		

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 February, 2022 (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	1.411	55.64%				1.41
EBSD	0.071	2.82%				0.07
SCWD	1.054	41.54%				2.64
MNWD	0.000	0.00%	7.11	1.400	19.24%	8.51
CSJC				2.127	29.22%	2.13
SMWD				2.162	29.71%	2.16
Total	2.536	100.00%	7.11	7.278	100.00%	16.92

Total Agency Outfall Flows by Outfall System-Billing Flows

Agency	SJCOO (mgd)	SJCOO (%)	SJCOO Meter (mgd)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB				1.41	13.05%	1.41	
EBSD				0.07	0.66%	0.07	
SCWD	1.76	14.71%		0.53	4.90%	2.29	Includes Desalters
MNWD	2.86	23.89%		1.99	18.43%	4.86	
ETWD				2.14	19.76%	2.14	Direct Outfall Only
CSJC	2.60	21.68%				2.60	Includes Desalter
SMWD	2.20	18.33%				2.20	Includes Chiquita
CSC	2.56	21.37%				2.56	Direct Outfall Only
IRWD				4.67	43.20%	4.67	Direct Outfall Only
Total	11.98	100.00%	13.97	10.81	100.00%	22.79	

SOCWA Operational Report February, 2022 (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%	2.127	29.22%	2.20	31.32%
MNWD	3.00	23.08%	1.400	15.97%	1.400	19.24%	1.40	19.92%
SCWD	3.75	28.85%	1.805	20.59%	1.589	21.83%	1.64	23.30%
SMWD	2.25	17.31%	3.421	39.03%	2.162	29.71%	1.79	25.45%
Total	13.00	100.00%	8.766	100.00%	7.278	100.00%	7.03	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%	6,856	21.06%	6,352	23.80%
MNWD	8,340	21.62%	5,612	21.22%	7,520	23.10%	6,583	24.66%
SCWD	7,715	20.00%	6,238	23.59%	6,568	20.17%	6,190	23.19%
SMWD	10,946	28.38%	8,548	32.32%	11,615	35.67%	7,565	28.34%
Total	38,573	100.00%	26,444	100.00%	32,558	100.00%	26,690	100.00%

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

Agency	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CSC	16.63%	13.300	16.63%	2.561	21.37%	2.582	23.25%
CSJC	11.08%	8.860	11.08%	2.599	21.68%	2.623	23.61%
MNWD(3)	15.51%	12.410	15.51%	2.863	23.89%	2.222	20.00%
SCWD	12.46%	9.970	12.46%	1.763	14.71%	1.858	16.72%
SMWD	44.32%	35.460	44.33%	2.197	18.33%	1.824	16.42%
Total	100.00%	80.000	100.00%	11.983	100.00%	11.109	100.00%

(1) Influent billing meter summary:

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

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

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

SOCWA Operational Report February, 2022 (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%	1.411	55.64%	1.448	53.63%
EBSD	0.20	2.99%	0.080	2.83%	0.071	2.82%	0.065	2.40%
SCWD	2.00	29.85%	1.150	40.65%	1.054	41.54%	1.187	43.96%
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%	2.536	100.00%	2.700	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	0.0175	0.0175	0.2427%	0.0143	0.1901%
EBSD	0.00001	0.0001%	0.0000	0.0009	0.0009	0.0123%	0.0006	0.0086%
SCWD	0.00345	0.0442%	0.0000	0.0131	0.0131	0.1812%	0.0117	0.1549%
ETWD	0.01472	0.1884%	0.0000	0.0192	0.0192	0.2661%	0.0169	0.2246%
MNWD	7.78597	99.6679%	7.1093	0.0698	7.1791	99.2977%	7.4981	99.4218%
Total	7.81191	100.0000%	7.1093	0.1206	7.2299	100.0000%	7.5417	100.0000%

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

SOCWA Operational Report February, 2022 (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%	142,678	14.55%	137,699	12.67%
EBSD	295	0.59%	320	0.92%	7,227	0.74%	6,190	0.57%
SCWD	4,480	8.96%	2,803	8.09%	106,538	10.86%	112,348	10.34%
ETWD	10,200	20.41%	5,282	15.25%	156,451	15.95%	162,115	14.91%
MNWD	29,395	58.82%	21,107	60.92%	567,935	57.90%	668,676	61.51%
Total	49,975	100.00%	34,645	100.00%	980,827	100.00%	1,087,027	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%	1.411	13.05%	1.448	15.51%
EBSD	0.78%	0.390	0.78%	0.071	0.66%	0.065	0.69%
ETWD	16.30%	8.151	16.30%	2.135	19.76%	2.154	23.06%
IRWD	15.76%	7.880	15.76%	4.670	43.20%	2.749	29.43%
MNWD	43.85%	21.924	43.85%	1.992	18.43%	2.378	25.46%
SCWD	12.31%	6.155	12.31%	0.529	4.90%	0.547	5.86%
Total	100.00%	50.000	100.00%	10.809	100.00%	9.340	100.00%

SOCWA Operational Report February 2022 (cont'd)

Select Critical Equipment Repairs

JBL - PC2

Replaced failed Grit Auger PVC flush line with stainless steel system.
Cleared inline foul airline, which had become clogged with debris.
Replaced broken casing on Grit Cyclone, which had failed due to corrosion.
Began repairs on perimeter fencing, which high winds had damaged during a storm.
Replaced a set of rollers on the 9-Side Grit Conveyor, which had failed due to corrosion.
Replaced fresh air fan for Building 40, which was beyond its useful life and failing.
Replaced TWAS check valve arm, which had broken due to bent flapper bolts.
Cleared the Digester Heat Loop 3-way valve of rubber debris, which was preventing correct operation.
Replaced bleeder for methane water trap which was corroded and stuck.

CTP - PC15

Rehabilitated an Effluent Transmission Main air-vac, which was knocked over and leaking.
Replaced effluent agitation air line, which needed to be rerouted for construction.
Replaced Commutator on Export Pump 3 due to grinder failure.
Rebuilt failed Aeration Blower exhaust fan.
Replaced deteriorating earplug stations.
Refilled sand in AWT Cell 2.
Installed new road trail improvements, including signs, and fencing for local vegetation rehabilitation.
Replaced corroded eye wash station.

RTP - PC17

Rehabilitated pipe, concrete, and fittings for AWT Sand Filter Cell 6, which had become heavily corroded.
Removed and replaced all failing butterfly valves. This included an internal inspection of AWT Cell 6 for the upcoming rehabilitation project.
Replaced failing air lines and fittings for AWT Cell 6.
Rehabilitated the WAS flowmeters, which had begun leaking from corrosion.
Began rehabilitation of AWT Cell 1, which is heavily corroded.
Replaced methane gas media for Gas Conditioning System due to breakthrough.

Support Services - ALL PC'S

Altered VFD setpoints for Centrifuge Feed Pump automation at JBL to resolve equipment shutdowns.
Installed new energy-efficient LED fixtures to replace obsolete lighting systems throughout RTP.
Replaced worn wiper assembly for TSS probe in RAS Channel at RTP.
Installed new UPS battery backup for PLC's at RTP.
Repaired corroded and damaged conduits for the Storm Water Pump Station control panel at RTP.

SOCWA Operational Report February 2022 (cont'd)

Select Critical Equipment Repairs (cont'd)

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

Upgraded undersized Cogen Hot Water Pump at JBL.
Replaced failed run timers for Grit Pumps at JBL.
Replaced failed solids scrubber controller for Stage 2/3 Caustic at JBL.
Rewired the new motor for overhauled RSP #5 at JBL.
Replaced failed Scrubber Stage 2/3 Caustic Pump motor at CTP.
Performed annual Nitratex Probe service at CTP.
Replaced failed temperature sensor on Primary Sludge Pumps Nos. 1 and 2 at CTP.
Troubleshoot torque switch on Barscreen motor at JBL.
Repaired chiller compressor for Cogen Gas Conditioning Skid at JBL.
Repaired oil leak on Cogen Cylinder 4 at JBL.
Troubleshoot low-pressure blower alarm in AWT room at RTP.

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

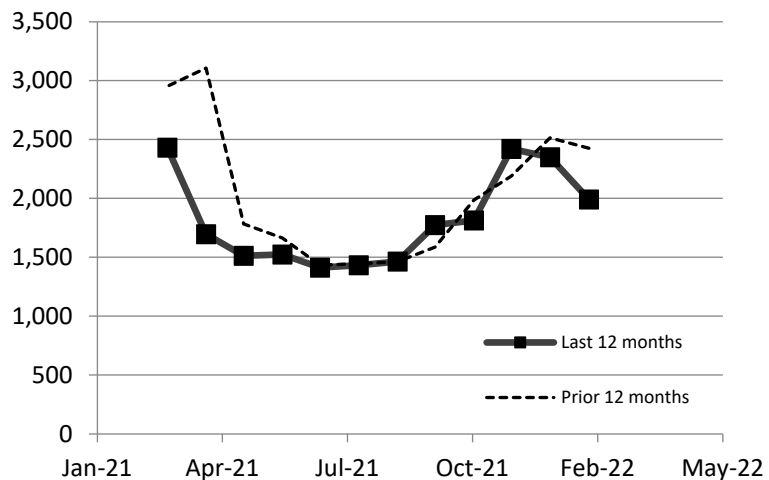
SOCWA Ocean Outfall Discharges by Agency

SOCWA Operational Report February, 2022 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.41	13.05%	1.41
EBSD			0.07	0.66%	0.07
SCWD	1.76	14.71%	0.53	4.90%	2.29
MNWD	2.86	23.89%	1.99	18.43%	4.86
ETWD			2.14	19.76%	2.14
CSJC					2.60
SMWD					2.20
CSC					2.56
IRWD			4.67	43.20%	4.67
Total			11.98	100.00%	10.81
	or Acre-Feet per year equivalent				25,528

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

Feb-22	1,991
Jan-22	2,349
Dec-21	2,420
Nov-21	1,813
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	2,431
Total	21,818



Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

February 2022

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO	Rain
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	FLOW MGD	FLOW MGD	FLOW MGD	Fall inches
02/01/22	3.519	11.0	11.0	<0.3	2.530	7.0	3.2	<0.1	1.280	4.5	4.0	0.1	1.517	7.2	5.0	<0.1	0.779	0.532	0.000	10.157	0.00
02/02/22	3.466	12.0	13.0	<0.3	1.368	23.7	11.2	<0.1	2.44	3.9	3.0	<0.1	2.002	6.4	8.0	<0.1	0.718	0.535	0.000	10.529	0.00
02/03/22	3.518	17.0	11.0	<0.3	2.664	12.8	5.1	<0.1	2.680	3.8	4.0	<0.1	2.243	6.6	5.0	<0.1	0.779	0.528	0.000	12.412	0.00
02/04/22	3.457	14.0	10.0	<0.3	1.902	13.8	6.0	<0.1	1.870	3.9	4.0	0.1	2.118	5.3	4.0	0.1	0.778	0.522	0.000	10.647	0.00
02/05/22	3.457	13.0		<0.3	2.774	11.8	5.6	<0.1	2.490	3.6	3.0		1.380	7.1	5.0		0.778	0.520	0.000	11.399	0.00
02/06/22	3.463	12.0	12.0	<0.3	2.800	12.8		<0.1	2.450	5.0	4.0	<0.1	2.117	6.3	6.0	<0.1	0.778	0.520	0.000	12.128	0.00
02/07/22	3.462	12.0	10.0	<0.3	2.005	12.6		<0.1	3.430	4.6	2.0	<0.1	2.057	4.2	4.0	<0.1	0.778	0.519	0.000	12.251	0.00
02/08/22	3.461	14.0	10.0	<0.3	1.705	11.5	4.1	<0.1	1.690	6.5	4.0	0.1	2.213	1.7	4.0	<0.1	0.779	0.519	0.000	10.367	0.00
02/09/22	3.357	14.0	9.2	<0.3	1.096	10.8	6.3	<0.1	1.620	6.5	3.0	<0.1	1.675	9.2	5.0	<0.1	0.426	0.518	0.000	8.692	0.00
02/10/22	3.189	16.0	12.0	<0.3	1.273	16.3	6.2	<0.1	1.380	3.7	3.0	<0.1	2.152	6.6	5.0	<0.1	0.394	0.519	0.000	8.907	0.00
02/11/22	3.190	13.0	12.0	<0.3	1.002	10.3	4.1	<0.1	0.490	3.3	3.0	0.1	1.732	9.1	6.0	0.1	0.651	0.518	0.000	7.583	0.00
02/12/22	3.305	12.0		<0.3	1.413	9.7	5.1	<0.1	0.280	4.7	3.0		1.116	8.9	6.0		0.778	0.517	0.000	7.409	0.00
02/13/22	3.319	11.0	9.4	<0.3	1.717	8.0		<0.1	1.170	4.2	4.0	<0.1	2.045	7.4	5.0	0.1	0.778	0.520	0.000	9.549	0.00
02/14/22	3.326	11.0	9.8	<0.3	1.926	6.2		<0.1	2.900	5.5	6.0	0.1	2.107	3.9	4.0	0.1	0.778	0.527	0.000	11.564	0.00
02/15/22	3.318	12.0	20.0	<0.3	2.905	14.6	6.0	<0.1	1.340	7.6	5.0	<0.1	2.636	10.3	7.0	<0.1	0.778	0.527	0.000	11.504	0.06
02/16/22	3.658	9.9	11.0	<0.3	2.519	10.0	5.9	<0.1	1.840	4.1	3.0	<0.1	2.028	5.6	5.0	0.1	0.778	0.520	0.000	11.343	0.00
02/17/22	3.366	9.4	21.0	<0.3	1.950	8.5	4.8	<0.1	1.850	3.6	2.0	0.1	2.346	1.3	3.0	0.4	0.778	0.511	0.000	10.801	0.01
02/18/22	3.320	14.0	20.0	<0.3	1.505	5.5	4.0	<0.1	2.370	3.4	11.0	0.1	2.167	8.7	7.0	0.1	0.767	0.520	0.000	10.649	0.00
02/19/22	3.324	12.0		<0.3	1.670	8.4	4.8	<0.1	2.860	5.1	3.0		1.802	9.0	4.0		0.766	0.527	0.000	10.949	0.00
02/20/22	3.323	13.0	13.0	<0.3	1.774	9.8		<0.1	1.570	5.2	4.0	<0.1	1.996	1.6	4.0	<0.1	0.766	0.530	0.000	9.959	0.00
02/21/22	3.450	11.0	16.0	<0.3	1.817	12.2		<0.1	2.980	4.2	3.0	<0.1	2.133	2.7	4.0	0.1	0.766	0.530	0.000	11.676	0.00
02/22/22	3.597	10.0	16.0	<0.3	2.791	9.4	5.5	<0.1	0.720	4.4	5.0	0.2	2.890	8.3	16.0	<0.1	0.766	0.523	0.000	11.287	0.06
02/23/22	4.034	6.2	15.0	<0.3	2.764	15.0	6.5	<0.1	1.280	4.6		0.1	1.553	7.1		<0.1	0.500	0.521	0.000	10.652	0.05
02/24/22	3.553	9.8		<0.3	2.880	12.6	5.9	<0.1	2.660	4.3	2.0	0.1	2.127	7.5	7.0	0.1	0.388	0.516	0.000	12.124	0.01
02/25/22	3.379	12.0	11.0	<0.3	2.860	13.4	6.5	<0.1	2.670	5.1	4.0	0.1	2.094	6.2	5.0	<0.1	0.662	0.514	0.000	12.179	0.00
02/26/22	3.397	11.0		<0.3	2.884	15.4	8.6	<0.1	1.590	7.3	4.0		1.969	6.7	5.0		0.779	0.523	0.000	11.142	0.00
02/27/22	3.467	11.0	6.7	<0.3	2.928	12.0		<0.1	2.380	4.8	6.0	<0.1	2.003	5.6	6.0	<0.1	0.778	0.511	0.000	12.067	0.00
02/28/22	3.466	12.0	9.5	<0.3	2.371	11.8		<0.1	3.500	6.6	6.0	<0.1	2.113	5.8	6.0	<0.1	0.778	0.510	0.000	12.738	0.00
AVG	3.434	12.0	12.5	<0.3	2.135	11.6	5.8	<0.1	1.992	4.8	4.0	<0.1	2.012	6.3	5.6	<0.1	0.715	0.521	0.000	10.809	
TOTAL	96.14				59.79				55.78				56.33				20.02	14.60	0.000	302.66	0.19

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: February 2022

REPORT DUE: April 1 2022

SAMPLE SOURCE: Surf zone

TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan

SAMPLES COLLECTED BY: SOCWA Lab

SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 0958

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage				Water	H2O	Water	Water	
			Coliform	Coliform	coccus	Origin		Oil &	Odor					
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease						
			SM9222B	SM9222D	EPA 1600					Color	Temp(F)	Condition	Outlet	Birds
S3	02/08/22	0805	<10	<10	<2	None	None	None	None	Green	54	Clear		
S4	02/08/22	1030	<10	<10	<2	None	None	None	None	Green		Clear		
S5	02/08/22	1015	<10	<10	<2	None	None	None	None	Green		Clear		
S6	02/08/22	1000	<10	<10	2	None	None	None	None	Green		Clear		
WEST	02/08/22	0955	<10	<10	10	None	None	None	None	Green		Clear		
S7	02/08/22	0950	<10	<10	<2	None	None	None	None	Green		Clear		
S8	02/08/22	0940	<10	<10	<2	None	None	None	None	Blue		Clear		
S9	02/08/22	0920	<10	<10	<2	None	None	None	None	Green		Clear		
ACM1	02/08/22	0850	100	10	120	None	None	None	None	Green		Clear		
S10	02/08/22	0840	<10	<10	<2	None	None	None	None	Green		Clear		
S11	02/08/22	0835	10	<10	<2	None	None	None	None	Green		Clear		
S12	02/08/22	0825	10	<10	<2	None	None	None	None	Green		Clear		

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

Unified Beach Monitoring

#2

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: February 2022
 REPORT DUE: April 1, 2022
 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 0714

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	Coliform	coccus	Origin								
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600									
S3	02/14/22	0808	10	<10	2	None	None	None	None	Green	57	Clear		
S4	02/14/22	1005	10	<10	<2	None	None	None	None	Green	57	Clear		
S5	02/14/22	0954	100	10	2	None	None	None	None	Green	57	Clear		
S6	02/14/22	0937	10	<10	<2	None	None	None	None	Green	57	Clear		
WEST	02/14/22	0934	<10	<10	2	None	None	None	None	Green	57	Clear		
S7	02/14/22	0928	<10	<10	<2	None	None	None	None	Green	57	Clear		
S8	02/14/22	0925	20	<10	2	None	None	None	None	Green	57	Clear		
S9	02/14/22	0852	10	<10	6	None	None	None	None	Green	57	Clear		
ACM1	02/14/22	0849	<10	<10	10	None	None	None	None	Green	57	Clear		
S10	02/14/22	0844	<10	<10	4	None	None	None	None	Green	57	Clear		
S11	02/14/22	0840	<10	<10	<2	None	None	None	None	Green	57	Clear		
S12	02/14/22	0830	70	<10	10	None	None	None	None	Green	57	Clear		

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

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: February 2022
 REPORT DUE: April 1, 2022
 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 0712

Weather: Partly Cloudy

COMMENTS:

STA#	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore							
S3	02/22/22	0755	10	<10	<2	None	None	None	None	Green	54	Clear		
S4	02/22/22	1020	<10	<10	<2	None	None	None	None	Green		Clear		
S5	02/22/22	1000	20	100	4	None	None	None	None	Green		Clear		
S6	02/22/22	0945	10	<10	<2	None	None	None	None	Green		Clear		
WEST	02/22/22	0940	<10	<10	<2	None	None	None	None	Green		Clear		
S7	02/22/22	0935	10	<10	<2	None	None	None	None	Green		Clear		
S8	02/22/22	0925	<10	<10	<2	None	None	None	None	Blue		Clear		
S9	02/22/22	0915	<10	<10	<2	None	None	None	None	Green		Clear		
ACM1	02/22/22	0850	<10	<10	<2	None	None	None	None	Green		Clear		
S10	02/22/22	0845	<10	10	<2	None	None	None	None	Green		Clear		
S11	02/22/22	0835	<10	<10	<2	None	None	None	None	Green		Clear		
S12	02/22/22	0825	<10	<10	<2	None	None	None	None	Green		Clear		

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

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: February 2022
 REPORT DUE: April 1, 2022
 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 0654

Weather: Clear

COMMENTS:

			Total	Fecal	Entero-									
			Coliform	Coliform	coccus	Material of Sewage								
			CFU/100ml	CFU/100ml	CFU/100ml	Origin		Oil &		Water	H2O	Water	Water	
STA#	DATE	TIME	SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds
S3	02/28/22	1013	<10	<10	<2	None	None	None	None	Green	58	Clear	Flowing	
S4	02/28/22	1000	<10	<10	<2	None	None	None	None	Green	58	Clear		
S5	02/28/22	0940	<10	<10	8	None	None	None	None	Green	58	Clear		
S6	02/28/22	0926	20	<10	8	None	None	None	None	Green	58	Clear		
WEST	02/28/22	0924	<10	<10	4	None	None	None	None	Green	58	Clear		
S7	02/28/22	0919	10	<10	4	None	None	None	None	Green	58	Clear		
S8	02/28/22	0910	30	10	20	None	None	None	None	Green	58	Clear		
S9	02/28/22	0836	100	<10	60	None	None	None	None	Green	58	Clear		
ACM1	02/28/22	0827	200	<10	20	None	None	None	None	Green	58	Clear		
S10	02/28/22	0821	30	10	20	None	None	None	None	Green	58	Clear		
S11	02/28/22	0813	10	10	4	None	None	None	None	Green	58	Clear		
S12	02/28/22	0806	<10	<10	40	None	None	None	None	Green	58	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: February 2022

REPORT FREQUENCY: Monthly

REPORT DUE: April 1, 2022

SAMPLE SOURCE: Receiving water, nearshore and offshore

SAMPLING FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in permit

TYPE OF SAMPLE: Grab

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

Comments: Low Tide 1132

Sta No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	02/09/22	2	<2	<2	0807	0	0	
A-1	Mid depth	02/09/22	<10	<10	<10				
A-2	Surface	02/09/22	<2	<2	<2	0750	0	0	
A-2	Mid depth	02/09/22	<10	<10	<10				
A-3	Surface	02/09/22	<2	<2	<2	0800	0	0	
A-3	Mid depth	02/09/22	<10	<10	<10				
A-4	Surface	02/09/22	<2	<2	<2	0810	0	0	
A-4	Mid depth	02/09/22	<10	<10	<10				
A-5	Surface	02/09/22	<2	<2	<2	0804	0	0	
A-5	Mid depth	02/09/22	10	<10	<10				
B-1	Surface	02/09/22	<2	<2	<2	0747	0	0	
B-1	Mid depth	02/09/22	<10	10	<10				
B-2	Surface	02/09/22	<2	<2	<2	0815	0	0	
B-2	Mid depth	02/09/22	<10	<10	<10				
N1	Surface	02/09/22	<2	<2	<2	0833	0	0	
N2	Surface	02/09/22	<10	<10	<10	0832	0	0	
N3	Surface	02/09/22	<2	<2	<2	0831	0	0	
N4	Surface	02/09/22	<2	<2	<2	0830	0	0	
N5	Surface	02/09/22	<2	2	2	0829	0	0	
N6	Surface	02/09/22	<2	<2	<2	0828	0	0	
N7	Surface	02/09/22	<2	<2	<2	0826	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 2022**

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 - 2022
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

February 2022

DATE	J.B. LATHAM FACILITY				SAN CLEMENTE WRP				SMWD CHIQUITA WRP				3-A PLANT				CSJC Desalter	SCWD Desalter	SJCOO	Rain Fall
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	FLOW MGD	FLOW MGD	inches
02/01/22	6.160	16.8	12.0	0.1	3.059	7.1	10.0	<0.1	0.014	1.1	6.9	<0.1	1.530	7.6	6.1	<0.1	0.461	0.184	11.850	0.00
02/02/22	6.060	10.2	12.6	<0.1	3.093	7.1	7.0	<0.1	0.055	1.0	4.0	0.2	1.489	5.8	4.7	<0.1	0.461	0.178	11.580	0.00
02/03/22	6.150	9.6	9.0	<0.1	2.910	5.9	6.0	<0.1	0.017	1.5	4.2	0.2	1.446	9.0	7.5	<0.1	0.461	0.179	11.710	0.00
02/04/22	5.970	8.1	7.4	0.2	2.985	8.1	7.0	<0.1	0.015	0.9	3.2	0.1	1.458	7.4	6.2	<0.1	0.461	0.183	11.270	0.00
02/05/22	5.860	12.3	10.2		2.786		5.0		0.039				1.486				0.462	0.178	10.910	0.00
02/06/22	6.090	15.6	16.5	0.1	2.568				0.000				1.549				0.462	0.183	11.300	0.00
02/07/22	6.220	21.4	14.5	<0.1	2.806	6.1	6.0	<0.1	0.021	1.2	7.0	<0.1	1.513	7.2	6.0	<0.1	0.409	0.180	11.440	0.00
02/08/22	6.070	13.8		<0.1	2.785	6.4	8.0	<0.1	0.013	1.4	6.6	<0.1	1.458	9.0	7.8	<0.1	0.505	0.179	11.330	0.00
02/09/22	6.080	6.9	9.5	<0.1	2.192	6.8	7.0	<0.1	0.137	1.2	3.5	<0.1	1.481	11.6	9.1	<0.1	0.494	0.184	10.960	0.00
02/10/22	6.080	13.6	8.4	<0.1	2.108	6.5	8.0	<0.1	0.006	1.8	3.9	<0.1	1.457	10.4	8.5	<0.1	0.495	0.180	10.870	0.00
02/11/22	5.770	14.3	9.4	0.1	2.289	8.6	7.0	<0.1	0.054	1.5	3.1	<0.1	1.449	11.8	8.6	<0.1	0.491	0.179	10.770	0.00
02/12/22	5.480	16.1	7.8		2.649		8.0		0.240				1.484				0.489	0.179	10.680	0.00
02/13/22	5.740	12.5	11.1	<0.1	1.873				0.061				1.509				0.489	0.184	11.200	0.00
02/14/22	6.100	15.4	11.1	0.1	2.252	7.6	10.0	0.1	0.017	7.2	8.6	<0.1	1.525	10.0	8.1	<0.1	0.449	0.173	10.840	0.00
02/15/22	6.430	10.2	9.0	0.1	2.432	7.5	8.0	<0.1	0.014	2.3	5.8	<0.1	1.488	10.4	8.1	<0.1	0.485	0.150	11.120	0.06
02/16/22	6.050	7.6	6.8	<0.1	1.976	5.1	5.0	<0.1	0.124	1.4	3.5	<0.1	1.457	6.8	5.9	<0.1	0.472	0.053	10.440	0.00
02/17/22	6.210	7.4	7.8	0.1	2.955	5.1	5.0	<0.1	0.016	1.4	1.5	<0.1	1.427	7.4	6.3	<0.1	0.471	0.181	11.490	0.01
02/18/22	6.020	7.0	5.6	0.1	2.977	9.4	7.0	<0.1	0.011	1.4	3.3	<0.1	1.463	7.6	6.0	<0.1	0.470	0.178	11.180	0.00
02/19/22	6.100	9.0	6.6		1.987		9.0		0.018				1.414				0.470	0.179	10.780	0.00
02/20/22	6.100	9.9	10.3	<0.1	2.582				0.000				1.436				0.468	0.183	10.920	0.00
02/21/22	6.310	4.7	5.4	<0.1	2.634	7.8	7.0	<0.1	0.012	1.4	5.8	<0.1	1.480	10.8	7.9	<0.1	0.467	0.179	11.260	0.00
02/22/22	6.560	10.1	9.0	<0.1	2.733	7.7	8.0	<0.1	0.016	1.4	7.2	<0.1	1.450	10.0	8.4	<0.1	0.469	0.179	11.610	0.06
02/23/22	7.890	8.6		0.1	2.387	7.5		<0.1	0.009	1.1	3.0	<0.1	1.383	10.0	8.2	<0.1	0.471	0.183	12.170	0.05
02/24/22	7.960	7.4	8.7	0.2	2.516	7.0	10.0	<0.1	0.027	1.4	2.9	<0.1	1.395	10.0	8.5	<0.1	0.471	0.179	12.070	0.01
02/25/22	8.080			0.1	2.878	6.9	6.0	<0.1	0.012	1.8	3.6	<0.1	1.405	9.6	7.8	<0.1	0.435	0.179	13.370	0.00
02/26/22	7.210	7.5	7.6		2.102		7.0		0.000				1.458				0.503	0.178	12.070	0.00
02/27/22	7.540	10.1	11.3	<0.1	2.915				0.000				1.490				0.484	0.183	12.480	0.00
02/28/22	7.790	11.4		<0.1	2.287	6.7	8.0	<0.1	0.025	1.0	4.5	<0.1	1.390	8.6	7.0	<0.1	0.481	0.179	12.870	0.00
AVG	6.431	11.0	9.5	<0.1	2.561	7.0	7.3	<0.1	0.035	1.7	4.6	<0.1	1.463	9.1	7.3	<0.1	0.472	0.175	11.448	
TOTAL	180.080				71.716				0.973				40.970				13.206	4.886	320.540	0.19

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: February 2022
 REPORT DUE: April 1, 2022
 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 0421

Weather: Clear

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Condition	Outlet	
S0	02/10/22	0900	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
S1	02/10/22	0910	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
S2	02/10/22	0805	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
DSB5	02/10/22	0755	<20	20	<2	None	None	None	None	Green	56		Slightly Turbid		
S3	02/10/22	0915	<20	<20	2	None	None	None	None	Green			Clear		
DSB4	02/10/22	0920	<20	<20	<2	None	None	None	None	Green			Clear		
S5	02/10/22	0925	<20	<20	2	None	None	None	None	Green			Clear		
DSB1	02/10/22	0930	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
SJC1	02/10/22	0830	<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: February 2022
 REPORT DUE: April 1, 2022
 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 0639

Weather: Clear

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Condition	Outlet	
S0	02/13/22	0825	<20	<20	4	None	None	None	None	Green	61	Clear			
S1	02/13/22	0852	10	20	20	None	None	None	None	Brown	61	Slightly Turbid			
S2	02/13/22	0813	20	<20	4	None	None	None	None	Green	61	Clear			
DSB5	02/13/22	0756	<20	<20	4	None	None	None	None	Brown	61	Slightly Turbid			
S3	02/13/22	0846	80	80	88	None	None	None	None	Brown	61	Slightly Turbid			
DSB4	02/13/22	0840	20	80	54	None	None	None	None	Brown	61	Slightly Turbid			
S5	02/13/22	0900	<20	<20	<2	None	None	None	None	Green	61	Clear			
DSB1	02/13/22	0904	<20	<20	<2	None	None	None	None	Blue	61	Clear			
SJC1	02/13/22	0820	100	<100	<10	None	None	None	None	Green	61	Clear			

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

Unified Beach Monitoring

#3

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: February 2022
 REPORT DUE: April 1, 2022
 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 1048

Weather: Overcast

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water H2O		Water Condition		Water Outlet		Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition		Outlet		
S0	02/20/22	0805	<20	<20	<2	None	None	None	None	Green	51	Clear				
S1	02/20/22	0824	<20	<20	<2	None	None	None	None	Green	51	Clear				
S2	02/20/22	0753	<20	<20	<2	None	None	None	None	Green	51	Clear				
DSB5	02/20/22	0745	20	40	6	None	None	None	None	Brown	51	Clear				
S3	02/20/22	0830	<20	<20	<2	None	None	None	None	Green	51	Clear				
DSB4	02/20/22	0833	<20	40	<2	None	None	None	None	Green	51	Clear				
S5	02/20/22	0840	<20	<20	<2	None	None	None	None	Green	51	Clear				
DSB1	02/20/22	0845	<20	<20	<2	None	None	None	None	Green	51	Clear				
SJC1	02/20/22	0800	<20	<20	10	None	None	None	None	Green	51	Clear				

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

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: February 2022
 REPORT DUE: April 1, 2022
 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

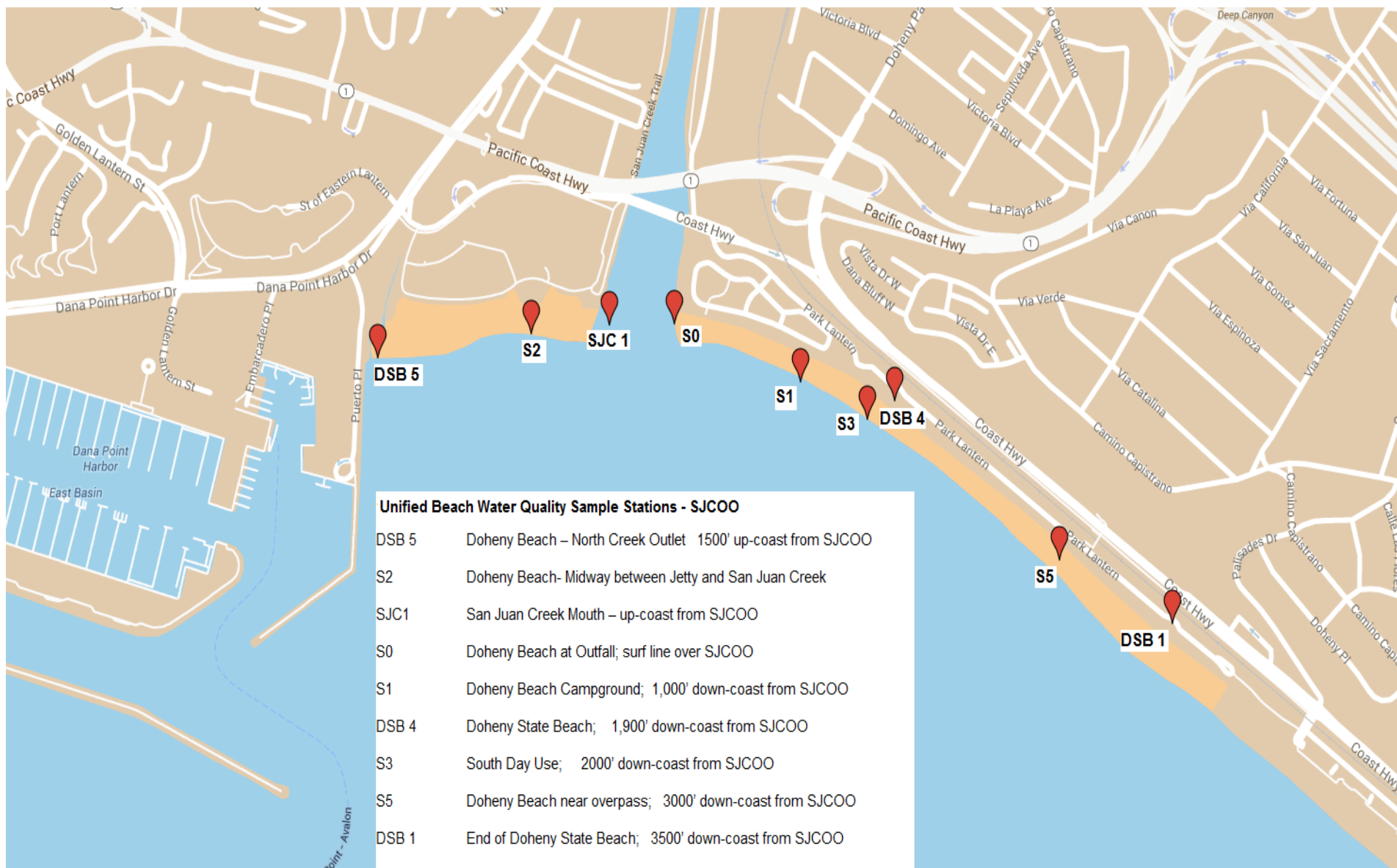
Tidal Condition: High Tide 0603

Weather: Partly Cloudy

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Condition	Outlet	
S0	02/27/22	0850	<200	100	32	None	None	None	None	Brown	50	Slightly Turbid			
S1	02/27/22	0902	<20	20	2	None	None	None	None	Green	50	Clear			
S2	02/27/22	0820	100	100	460	None	None	None	None	Green	50	Clear			
DSB5	02/27/22	0810	80	40	78	None	None	None	None	Brown	50	Slightly Turbid			
S3	02/27/22	0910	<20	<20	<2	None	None	None	None	Green	50	Clear			
DSB4	02/27/22	0915	<20	<20	<2	None	None	None	None	Green	50	Clear			
S5	02/27/22	0925	<20	<20	4	None	None	None	None	Green	50	Clear			
DSB1	02/27/22	0928	<20	<20	4	None	None	None	None	Blue	50	Clear			
SJC1	02/27/22	0825	<1,000	100	100	None	None	None	None	Green	50	Clear		Flowing	

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



San Juan Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

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

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

MONITORING REPORT

Offshore

South Orange County Wastewater Authority

DISCHARGE: San Juan Creek Ocean Outfall

REPORT FOR: February 2022

REPORT FREQUENCY: Monthly

REPORT DUE: April 1, 2022

SAMPLE SOURCE: Receiving water, nearshore and offshore

SAMPLING FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in permit

TYPE OF SAMPLE: Grab

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

Comments: Low Tide 1132

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	02/01/22	20	2	2	0927	0	0	
A-1	Mid depth	02/01/22	<10	<10	<10				
A-2	Surface	02/01/22	<2	<2	<2	0931	0	0	
A-2	Mid depth	02/01/22	<10	<10	<10				
A-3	Surface	02/01/22	<2	<2	<2	0933	0	0	
A-3	Mid depth	02/01/22	<10	<10	<10				
A-4	Surface	02/01/22	<2	<2	<2	0936	0	0	
A-4	Mid depth	02/01/22	<10	<10	<10				
A-5	Surface	02/01/22	>=200	200	<2	0934	0	0	
A-5	Mid depth	02/01/22	140	50	30				
B-1	Surface	02/01/22	50	10	2	0922	0	0	
B-1	Mid depth	02/01/22	<10	10	10				
B-2	Surface	02/01/22	<2	<2	<2	0942	0	0	
B-2	Mid depth	02/01/22	<10	<10	<10				
N1	Surface	02/01/22	<2	<2	<2	0917	0	0	
N2	Surface	02/01/22	<2	<2	<2	0911	0	0	
N3	Surface	02/01/22	<2	<2	<2	0908	0	0	
N4	Surface	02/01/22	<2	2	<2	0904	0	0	
N5	Surface	02/01/22	<2	<2	<2	0902	0	0	
N6	Surface	02/01/22	<2	<2	<2	0858	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 2022**

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 monitoring period.							



SOCWA and MEMBER AGENCY FACILITIES
SJCOO Spill / Overflow Report Log - 2022
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

Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
SOCWA - RTP	1/2/2022	TDS	12-Month	mg/L	1000	1208	
SOCWA - RTP	1/2/2022	TDS	Daily Maximum	mg/L	1100	1310	
SOCWA - RTP	1/2/2022	Manganese	12-Month	mg/L	0.05	0.130	
TCWD - RRWRP	1/4/2022	TDS	12 month	mg/L	1000	1031	
TCWD - RRWRP	1/31/2022	Nitrate	Quarterly	mg/L	45	19.60	
SOCWA - RTP	2/1/2022	TDS	12-Month	mg/L	1000	1214	
SOCWA - RTP	2/1/2022	TDS	Daily Maximum	mg/L	1100	1200	
SOCWA - RTP	2/1/2022	Manganese	12-Month	mg/L	0.05	0.101	
SOCWA - RTP	2/1/2022	Iron	12-Month	mg/L	0.3	0.308	
SOCWA - CTP	2/1/2022	TDS	Daily Maximum	mg/L	1100	1320	
TCWD - RRWRP	2/1/2022	TDS	12 month	mg/L	1000	1035	

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending:

Feb 28, 2022

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	1,035	989	906	865	1,141	1,214	1,002
Chloride	mg/L	375	242	217	203	263	219	271	211
Sulfate	mg/L	400	346	280	220	200	347	336	259
Sodium	mg/L	None	119	173	160	197		185	157
Alkalinity	mg/L	None	-	-	-	-		269	201
Adjusted SAR	Ratio	None	22.98	4.62	4.76	5.96	3.90	4.47	4.20
Iron	mg/L	0.3	0.055	0.032	0.133	0.016	0.16	0.308	0.115
Manganese	mg/L	0.05	0.006	0.029	0.040	0.012	0.07	0.101	0.114
MBAS	mg/L	0.5	<0.01	<0.11	<0.12	0.25	ND	<0.10	<0.08
Boron	mg/L	0.75	0.358	0.410	0.367	0.483	0.39	0.357	0.28
Fluoride	mg/L	None	0.65	0.730	0.50	0.54	0.96	0.84	0.74
Total Organic Carbon	mg/L	None	5.0	14.5	13.5	9.4	3.1	9.7	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)
2022

Agency	Facility or Region	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Jul '22	Aug '22	Sep '22	Oct '22	Nov '22	Dec '22	Annual Totals
CSJC 1	3-A Plant/MNWD	0.00	0.00											0.00
CSJC 2	Chiquita/SMWD	16.66	30.01											46.67
CSJC 3	Non-Domestic Well	1.00	7.71											8.71
ETWD	Region 8	37.87	112.25											150.12
IRWD														
4	IRWD - 8	44.49	101.76											146.25
4	IRWD - 9	22.36	50.45											72.81
SCWD	SOCWA CTP	9.15	63.52											72.67
MNWD	JRP	299.83	439.71											739.54
	3-A Plant	0.00	0.00											0.00
5	CTP	-17.36	4.33											-13.03
SMWD	Oso Creek	140.68	93.64											234.32
	Chiquita	489.98	436.03											926.01
	Nichols	1.52	1.61											3.13
TCWD	RRWRP	49.52	42.36											91.88
TOTALS		1095.70	1383.39											2479.09

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.G.

Legal Counsel Review: No

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Katie Greenwood, Source Control Manager

SUBJECT: Monthly Pretreatment Report – March 2022
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

On August 24, 2021, State Staff, and its contractors from PG Environmental performed an in-person PCI. SOCWA received copy of the PCI Report on January 12, 2022. The Report included two requirements and one recommendation. All findings were related to permit language. Staff prepared a response letter and submitted to State Staff on March 17, 2022, prior to the deadline of April 12, 2022. A copy of the complete report was distributed to MA Staff by email.

As a matter of interest to all MA Staff as it relates to recent requests, Pretreatment Rules under 40 CFR Part 403.8 require SOCWA consider all process discharge flows over 25,000 gallons per day (gpd) “significant” and therefore, subject to pretreatment program procedures. For one-time or infrequent discharge events over 100 gpd, Staff may require the discharger to submit a permit application certifying the nature of the discharge as they know it to be true. In lieu of a permit, Staff may issue a BMP based letter or Non-Industrial Wastewater Discharge (NIWD) form with prescribed measures for ensuring the discharge event does not impact sewerage facilities.

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 – NSWD Permit No. CSJC-N4-001-08-22 - Alipaz Diversion – SMWD finalized its annexation of CSJC on November 15, 2021. SOCWA Staff is working with SMWD Staff to prepare a new permit to reflect SMWD as co-issuer with SOCWA. 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.

SCWD – NSWD Permits for CDP Diversions (#SCWD-N4-013-10-2), Niquel Shores (#SCWD-N4-008-10-21), CDP Salt Creek Ozone (#SCWD-N4-004-10-21) and Montage Resorts – Three of the four NSWD Permits expired on October 15, 2021. SCWD and SOCWA Staff are working

together to secure new Agreements for all four diversions and issue new permits by April 15, 2022, when dry-weather diversions are allowed to be turned on again and operated.

MNWD – Webb's Grainworks Distillery – SOCWA received a permit application related to a new brewery and distillery soon to be constructed with a tentative start date of May 2022. Staff is reviewing and providing guidance and expects to issue a WD Permit just prior to commencement of operations.

CSC/SMWD – Prima Deshecha Landfill (PDL) – On February 14, 2022, SOCWA received a revised WD Permit Application submitted on behalf of Orange County Waste & Recycling (OCWR) for proposed discharge from a treatment system for landfill gas condensate stream produced at PDL. The revised submittal was in response to SOCWA's reply to the initial WD Permit Application and request for additional information sent on October 22, 2021. On March 16, 2022, SOCWA staff spoke by phone with the consultants working on behalf of the landfill and conveyed that requested data, including pilot study results related to the treatment of PFAS compounds, are needed for SOCWA to further evaluate the permit application. In the meantime, and upon formal invitation, SOCWA staff agreed to visit the pilot study facility and discuss the experimental design related to the PAFS treatment train configuration.

MNWD/SMWD – On March 11, 2022, SOCWA received an expedited request to discharge two million gallons of de-chlorinated potable water from the Diemer Filtration Plant to SOCWA's JB Latham (JBL) Treatment Plant via the Eastern Transmission Main line as a one-time event discharge. On the same day, Staff received a request from SMWD Staff to discharge 60,000 gallons of de-chlorinated potable water to the JBL Treatment Plant. Because of the rush and SOCWA's program procedures to require certification of the nature of the discharge through submittal of a permit application prior to issuance of a BMP letter, MA Staff decided to use alternative methods for disposal. Please see second paragraph under Program Activities above for more information related to SOCWA Pretreatment Program procedures for "significant" one-time event discharges.

CLB – Dornin Investment Group - Construction Site Located at 20412 Laguna Canyon Rd. - On March 17, 2022, Staff issued a One-Time Event BMP-based letter to Dornin Investment Group to discharge groundwater associated with dewatering activities related to installation of underground utilities. Prior to issuance, SOCWA visually checked the effluent clarity, verified filters in-use to remove sediment, and sampled the discharge. Site completed dewatering activities on March 24, 2022.

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.

Enforcement

IRWD – Beacon Bay Enterprises - On March 22, 2022, Staff issued a notice of non-compliance (NON) to Beacon Bay for exceedance of the permit limits for benzene, toluene, and xylene which tested above the permit limits of no detection on February 25, 2022. Notice was provided within 24 hours of receiving the laboratory report as required. The groundwater system was turned off on February 28, 2022 and remains off at present. The site is required to re-sample and provide sampling results within 30-days February 28, 2022. Or if no discharge occurs within the 30-days,

the discharge is required to be tested and shown as measuring in compliance prior to re-commencing discharge to the sewer.

Inspections

MNWD - On March 13, 2022, Staff inspected a new site for Glaukos, located at 26600 Aliso Viejo Pkwy, Aliso Viejo, CA 92656. Findings confirm that the site will primarily serve as an R&D facility with at least five laboratories in use which may include discharge of small-scale chemical etching rinse waters and denatured tissue/cell liquid biohazard waste. Site contacts are required to submit a WD Permit Application within six-months and the site will be re-inspected at that time. Contacts were made aware that a WD Permit may be required for the etching wastewater discharge and issuance of prescribed BMPs for discharge of denatured biohazardous liquid waste.

CSC – On March 23, 2022, Staff inspected FreshRealm located at 1330 Calle Avanzado. Site is required to implement equipment and procedures for daily measuring of process wastewater pH and flow. Site is also required to obtain at least two spill kits. Deadline for completion is 60-days.

Summary of IWS Activities in SOCWA's Service Area - YTD through March 23, 2022

MA IUs	Events	Permits	NIWD	BMPs	FSEs	OSEs	DSEs	Closed	Enforcement	Total IUs
CLB (S)	10	3	2	5	8	110	15	0	0	128
CSC (S)	31	10	35	18	181	1265	37	0	1	1546
CSJC (S)	37	3	27	59	137	1662	28	4	0	1916
ETWD (M)	41	3	87	0	262	132	50	0	0	487
EBSD (U)	0	1	0	0	0	0	0	0	0	1
IRWD (S)	11	4	51	21	63	914	18	0	1	1071
MNWD (S)	165	5	121	39	637	2107	147	10	0	3056
SMWD (S)	113	6	19	20	210	807	51	10	0	1113
SCWD (S)	13	8	33	7	148	186	15	9	1	397
TCWD (S)	0	0	11	0	7	33	2	0	0	51
SOCWA (S)	0	8	1	0	0	0	0	0	0	9
Totals	421	51	387	169	1653	7216	363	33	3	9775

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

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

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

Agenda Item

5.I.

Board of Directors Meeting

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACTS: Jim Burror, Director of Operations,
David Baranowski and Roni Young, Engineering Dept. Staff

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:

Primary Basin 1, Primary Basin 2, and their influent and effluent channels are being stripped and coated in this reporting period. Work has also commenced on the Digester 1 hot water loop. Lastly, work continues on DAFT 2, MCC-F1, and the TWAS system. Below is a photo of the coated Primary Basin Nos. 1 and 2.



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Coastal Treatment Plant Sludge Force Main Replacement

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

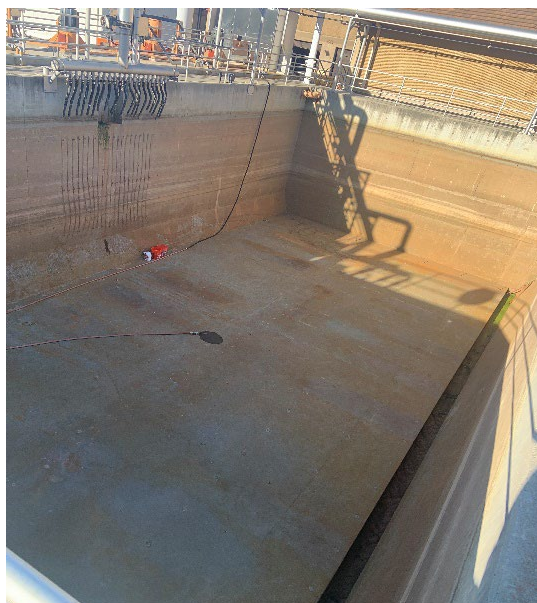
Following the Special PC-15 meeting on 3/17/2022, staff retained services for preparing areas for hydroseeding. The work is anticipated to be completed by the 4/7/2022 Board Meeting. The following is a picture of the prepared soil for a sample area to be hydro seeded.



Regional Treatment Plant Aeration Diffusers Project

Install new diffusers in all six (6) aeration tanks:

The equipment for the first two tanks has arrived at RTP. The equipment was ordered about nine (9) months ago. The picture on the left shows an aeration basin cleaned. The picture on the right is the prepared basin for installing the new equipment, and is a sample of a completed installation.



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 /32211L/ 32212L	Facility Improvements B	\$ 7,050,000	\$ -	In Construction	C	C	C	C	C	C		
3221-000	Electrical System Evaluation (2019)	\$ -	\$ -	In Design			P	P				
32228L/3215/3252	2022 Electrical System Rehabilitations	\$ -	\$ -	Pending 3221 Completion					P	D	B&A	C
3285/32234L/ 32226L/3253	2022 Gate and Piping Rehabilitations	\$ -	\$ 375,000	Portion of the work being removed from Package B					P	D	B&A	C
2337/ 32225S-C /3216	2022 Misc. Roofing Rehabilitations	\$ 1,580,000	\$ 2,370,000	Portion of the work being removed from Package B							P	D
4203	Plant Hydraulic Model	\$ -	\$ -	Study Nearly Complete								
3209	SGIP Grant Administration	\$ (150,000)	\$ (150,000)	Reporting month to SGIP Admin	P	P	P	P	P	P	P	P
PC 5 - San Juan Creek Ocean Outfall												
562210	Outfall Port Cleaning	\$ 45,000	\$ -	Planning underway			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	Pipe Complete / Mitigation work underway	C	C	C	ENV	ENV	ENV	ENV	ENV
3539-000	Facility Construction Improvements	\$ 2,825,000	\$ -	Closeout	C	C	C					
35228L	Aeration Blower System Upgrades	\$ 1,600,000	\$ 6,400,000	Diffusers only at this time. Diffusers purchased for installation in FY22. Blower design in FY23.			D	B&A	C	C		
35228L/3504/35221L	Aeration System Upgrades and Rehabilitations	See 35228L above	See 35228L above	Second phase of the project including new blowers and project element removed from the Facilities Improvement Project					P	D	B&A	C
3530/3528/3529/35232L	Slope Repair and Rehabilitation Projects	\$ -	\$ 175,000	In Design and Permitting	D	D	D	D	C	C	C	C
3525-000	Personnel Building Reconstruction	\$ 150,000	\$ -	In Design		D	D	B&A	C	C		
35220L	Fiber Installation to Alicia Parkway	\$ 65,000	\$ -	AT&T Reviewing Project			P	B&A	C			
3522AL	Drainage Pump Station	\$ 175,000	\$ -				P	CA	D	B&A	C	
35229L /35235L	Odor Control Scrubber/Foul Air System Reconstruction	\$ 76,422	\$ 36,719						P	CA	D	B&A
45226L	Consequence of Failure Analysis	\$ 50,000	\$ -	Work underway			P	P	P			

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												
3758/3759	AWT No.2 Reconstruction (2020)	\$ 2,620,002	\$ -	In design			D	B&A	C	C		
3753-000	Aeration Diffuser Upgrade (2020)	\$ 1,750,000	\$ -	Fabrication and partial deliveries started	C	C	C	C				
3753/3722CL /3722BL/3776 /37232L/C /47222L/ 37234L 3775/ 37232C/37220L /3756 /37233L	2023 Secondary Rehabilitation Project	\$ 1,378,755	\$ 6,169,518					P	D	D	B&A	C
47224C	Consequence of Failure Analysis	\$ 50,000	\$ -	Working an awarding contract			P	P	P			
57223C	Arc Flash 5-Year Update	\$ 8,000	\$ -	After 3722AL/C/S								P
3722AL/C/S	MCC A, C, G, H Replacement	\$ -	\$ 1,527,741	In Design			D	B&A	C	C	C	
37230C	Admin. Bldg. Door and Window Repair	\$ -	\$ 132,748						D	B&A	C	C
3789/3790/ 37231S/3754/377 2/3749/3771	Solids Area Overhaul Plan	\$ -	\$ 100,446	In Design		D	D	D	D	On hold until 2023 Secondary Project is complete.		

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		
3101/31221B	Trail Bridge Crossing (D)	\$ 360,000	\$ 840,000	In Design		D	D	B&A	C	C	C	C
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	\$ -	Design restarted			D	B&A	C	C		
54221O	Outfall Port Cleaning	\$ 45,000	\$ -						ENV	ENV		
34231O	Metering and Sampling	\$ -	\$ 66,964						D	D	B&A	C

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

Agenda Item

5.J.

Board of Directors Meeting

Meeting Date: April 7, 2022

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

FROM: Betty Burnett, General Manager

STAFF CONTACTS: Jim Burror, Director of Operations,
David Baranowski and Roni Young, Engineering Dept. Staff

SUBJECT: Capital Improvement Construction Projects Report
[Project Committees 2 and 15]

Overview

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 is one new change order for the J.B. Latham Digester 1 and 2 Manway Access Improvements Project for \$5,503.44 and 12 new change orders for PC 15 Coastal treatment Plant Export Sludge Force Main Replacement Project with a deductive change of \$256,640.41.

Recommended Action: The Engineering Committee recommends:

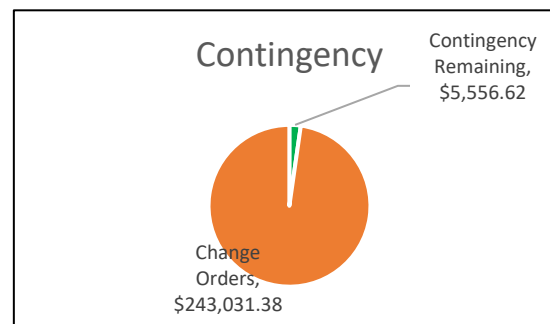
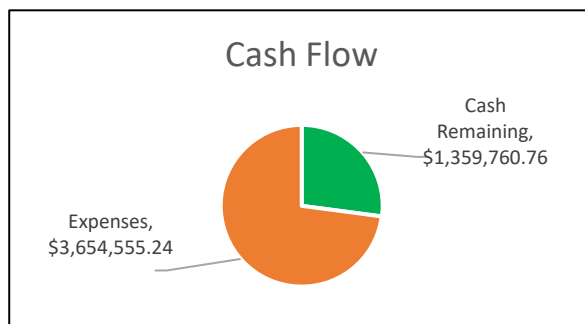
- that the PC 2 Board of Directors approve S&S Mechanical Change Order 1 for \$5,503.44 for the J.B. Latham Digester 1 and 2 Manway Access Improvements Project and;
- that the PC 15 Board of Directors approve JR Filanc Change Orders 12 through 23 totaling a deductive change of \$256,640.41 for the CTP Export Sludge Force Main Replacement Project.

Project Financial Status

Data Last Updated

February 28, 2022

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	\$ 5,014,316.00
Expenses	\$ 3,654,555.24

Project Completion

Schedule	100%
Budget	80%

Contracts

Company	PO No.	Original	Change Orders*	Total	Invoiced
Filanc	15949	\$ 3,107,346.00	\$ (155,862.93)	\$ 2,951,483.07	\$ 2,356,331.13
Butier	16164	\$ 226,100.00	\$ -	\$ 226,100.00	\$ 210,342.50
PSOMAS	15961	\$ 277,368.00	\$ -	\$ 277,368.00	\$ 170,921.22
Dudek	15947	\$ 387,750.00	\$ -	\$ 387,750.00	\$ 327,787.11
Ninyo & Moore	16268	\$ 65,790.00	\$ 43,166.00	\$ 108,956.00	\$ 108,950.75
		\$ 4,064,354.00	\$ (112,696.93)	\$ 3,951,657.07	\$ 3,174,332.71

*Values include change orders to be reviewed by Engineering Committee

Filanc Contingency

Area	Project Code	Amount	Change Orders**	Total Remaining	Percent Used
Liquids	3541-000	\$ 248,588.00	\$ 243,031.38	\$ 5,556.62	97.8%
		\$ 248,588.00	\$ 243,031.38	\$ 5,556.62	97.8%

**Values include change orders to be reviewed by Engineering Committee. Does not include credit or deductive change orders.

Summary of New Change Orders

Change Order No	CLB	EBS	MNWD	SCWD	Amount
12	\$ -	\$ -	\$ -	\$ -	\$ -
13	\$ 38,133.01	\$ 3,002.60	\$ 29,425.47	\$ 30,025.99	\$ 100,587.08
14	\$ -	\$ -	\$ -	\$ -	\$ -
15	\$ -	\$ -	\$ -	\$ -	\$ -
16	\$ 4,340.61	\$ 341.78	\$ 3,349.45	\$ 3,417.81	\$ 11,449.65
17	\$ 1,732.35	\$ 136.41	\$ 1,336.78	\$ 1,364.06	\$ 4,569.59
18	\$ 5,652.17	\$ 445.05	\$ 4,361.52	\$ 4,450.53	\$ 14,909.28
19	\$ 602.24	\$ 47.42	\$ 464.72	\$ 474.20	\$ 1,588.58
20	\$ 505.09	\$ 39.77	\$ 389.76	\$ 397.71	\$ 1,332.33
21	\$ -	\$ -	\$ -	\$ -	\$ -
22	\$ 2,963.61	\$ 233.35	\$ 2,286.88	\$ 2,333.55	\$ 7,817.39
23	\$ (151,222.62)	\$ (11,907.29)	\$ (116,691.47)	\$ (119,072.93)	\$ (398,894.31)
Grand Total	\$ (97,293.53)	\$ (7,660.91)	\$ (75,076.90)	\$ (76,609.08)	\$ (256,640.41)

Change Orders

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
Approved by Board of Directors					9	\$ 100,777.48
1	Filanc	3541-000	Alternative Fiber Optic Conduit Installation at Jack and Bore	6/3/2021	0	\$ 5,689.53
2	Filanc	3541-000	HDPE Pipe Price Adjustment	9/2/2021	0	\$ 15,615.19
3	Filanc	3541-000	Existing 6-Inch Sludge Line Fix for Pressure Test	9/2/2021	0	\$ 6,666.27
4	Filanc	3541-000	18-Inch VCP Sewer Line Conflicts	9/2/2021	0	\$ 2,367.81
5	Filanc	3541-000	Lost Production with Equipment Movement	2/3/2022	2	\$ 19,000.00

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
6	Filanc	3541-000	Abandoned 4" PVC Water Line Interference	2/3/2022	1	\$ 4,833.91
7	Filanc	3541-000	18-Inch VCP Sewer Line Conflict at Sta. 96+55	2/3/2022	1	\$ 6,198.46
8	Filanc	3541-000	Encasement at Sta. 88+90 to 89+90	2/3/2022	0	\$ 3,515.83
9	Filanc	3541-000	Concrete Demo and Potholing	2/3/2022	1	\$ 3,525.37
10	Filanc	3541-000	Abandoned 12" PVC Interference	2/3/2022	1	\$ 5,461.87
11	Filanc	3541-000	ACWHEP Unknown Buried Concrete	2/3/2022	3	\$ 27,903.24
Within Contingency, reviewed by Engineering Committee						\$(256,640.41)
12	Filanc	3541-000	Old Sludge Force Main Emergency Repair	3/10/2022	5	\$ -
13	Filanc	3541-000	Jack and Bore Conflict	3/10/2022	4	\$ 100,587.08
14	Filanc	3541-000	Nesting Bird Restrictions	3/10/2022	5	\$ -
15	Filanc	3541-000	COVID Time Impacts	3/10/2022	5	\$ -
16	Filanc	3541-000	Piping Interference at RTP Connection	3/10/2022	3	\$ 11,449.65
17	Filanc	3541-000	Additional Field Survey	3/10/2022	0	\$ 4,569.59

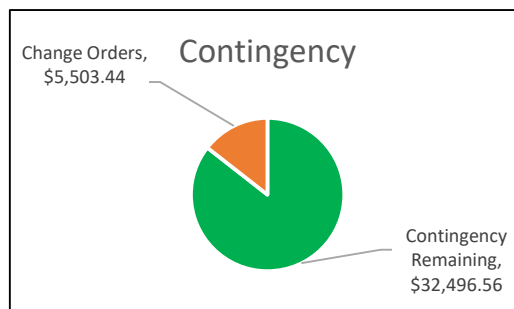
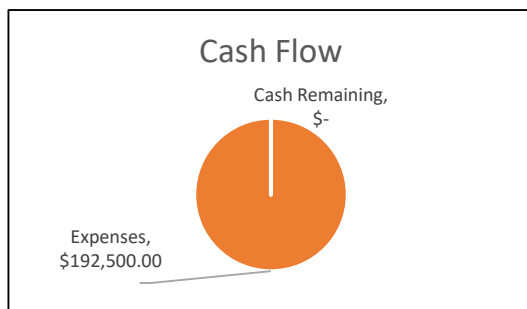
<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
18	Filanc	3541-000	Concrete Removal	3/10/2022	2	\$ 14,909.28
19	Filanc	3541-000	Removing Chlorine Lines at RTP	3/10/2022	0	\$ 1,588.58
20	Filanc	3541-000	Sign Revisions	3/10/2022	0	\$ 1,332.33
21	Filanc	3541-000	Weather Delay	3/10/2022	11	\$ -
22	Filanc	3541-000	Additional Moisture Conditioning	3/10/2022	1	\$ 7,817.39
23	Filanc	3541-000	Unused Bid Items	3/10/2022	0	\$ (398,894.31)
Potential Change					9	\$ 93,000.00
PCO 019	Filanc	3541-000	CTP and RTP Connection Modifications	(blank)	9	\$ 80,000.00
PCO 025	Filanc	3541-000	Slope Repairs	(blank)		\$ 25,000.00
PCO 031	Filanc	3541-000	Revegetation Deduction	(blank)		\$ (12,000.00)
Grand Total					54	\$ (62,862.93)

Project Financial Status

Project Committee	2
Project Name	Digester Nos. 1 and 2 Manway Access Improvements
Project Description	This project will increase the manways from 2 ft by 3 ft to 3 ft by 4 ft to accommodate the OSHA requirements for safe cleaning operations.

Data Last Updated

February 28, 2022



Cash Flow

Collected	\$ -
Expenses	\$ 192,500.00

Project Completion

Schedule	50%
Budget	50%

Contracts

Company	PO No.	Original	Change Orders*	Total	Invoiced
S&S Mechanical	17227	\$ 212,290.00	\$ 5,503.44	\$ 217,793.44	\$ 74,290.00
Enron Steel	17041	\$ 79,272.32	\$ -	\$ 79,272.32	\$ 79,272.32
G&F	16990	\$ 46,000.00	\$ -	\$ 46,000.00	\$ 23,000.00
Murphy Coating	17450	\$ 9,017.00	\$ -	\$ 9,017.00	\$ 9,017.00
		\$ 346,579.32	\$ 5,503.44	\$ 352,082.76	\$ 185,579.32

*Values include change orders to be reviewed by Engineering Committee

Contingency

Area	Project Code	Amount	Change Orders*	Total Remaining	Percent Used
Solids	222-023	\$ 38,000.00	\$ 5,503.44	\$ 32,496.56	14.5%
		\$ 38,000.00	\$ 5,503.44	\$ 32,496.56	14.5%

*Values include change orders to be reviewed by Engineering Committee

Change Orders

Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
Approved by Board of Directors					0	\$ -
Within Contingency, reviewed by Engineering Committee						\$ 5,503.44
1	S&S Mechanical	2222-023	Additional 316 sst and epoxy dowels and rebar couplings	2/3/2022	0	\$ 5,503.44

Agenda Item

6.A.

Board of Directors Meeting

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

SUBJECT: Third Amendment to San Diego Funding Area Memorandum of Understanding for Integrated Regional Water Management (IRWM) Planning and Funding "Agreement"

Summary / Discussion

SOCWA is a regional signature required for the IRWM Funding Area Agreement. The County has reached out to request the Board's consideration of approval of a third amendment to the Agreement.

As background, Orange, Riverside and San Diego are within what is known as the Tri-County Funding area or "Tri-County FACC". The Original MOU complete in 2009 provided for the cooperation and coordination of the regions when individual funding cycles occurred to ensure that the sum of the total grant requests submitted would not exceed the amount identified for the funding area in any given cycle. Total allocations to the parties were agreed upon with South Orange County generally agreeing to apply for 12.29%. The allocation is based on a formula that is consistent with that used to allocate funding in the Proposition 1 bond language. The funding area shares for various grant rounds made available to the region are noted in Attachment 1.

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

The County asked that SOCWA staff review the Third Amendment and provide comments. The Procopio Firm reviewed the additional Amendment and confirmed its consistency with the Original MOU and the prior Amendments. Staff provided minor updates for identification of the SOCWA Board Chair position. The County of Orange and San Diego County are also providing comments to the Third Amendment, which are not anticipated to be substantive. SOCWA staff is seeking authorization for the Board Chair to sign the Third Amendment once it is finalized by the signing parties.

Recommended Action: Staff recommends that the Board of Directors authorize the Chair to sign the 3rd Amendment to the Tri-County Funding Area Agreement in form and substance consistent with the attached version with allowance for any minor non-substantive comments that may be submitted by other parties.

Attachment 1

**Table C-2. Proposition
1 Allocation**

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

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

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

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

Budget Act of 2021 (Stats. 2021, ch. 240, § 80), authorizes Legislature to appropriate funding for interim and immediate drought relief to urban communities by implementation of projects with multiple benefits through the Urban and Multibenefit Drought Relief Program. Funding is administered by the Department of Water Resources (DWR).
3. The existing **Rec**itals B through I are renamed Recitals C through J.
4. The renamed Recital F is amended to add the following paragraph:
The San Diego Funding Area has been allocated \$5 million through the 2021 Urban and Multibenefit Drought Grant.
5. **Attachment C**, Allocation of Proposition 1 Funds, is amended as reflected in the Third Amendment Attachment C (Amended) Allocation of Proposition 1 Funds, to reflect incorporation of the 2021 Urban and Multibenefit Drought Grant allocations.
6. Attachment D, Allocation of Underrepresented Community and Tribal Set-Aside of DWR's Urban and Multi Benefit Drought Grant Funds, attached, is added to the MOU and its provisions incorporated by reference into the MOU as if fully set forth therein.
7. **Section 12** is amended as follows:

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

San Diego Agencies

Lesley Dobalian, Principal Water Resources Specialist
San Diego County Water Authority

4677 Overland Ave., San Diego CA 92129

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

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

Orange County Agencies

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

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

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

Riverside County Agencies

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

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

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

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

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

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

San Diego County agencies

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

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

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

Orange County agencies

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

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

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

Riverside County agencies

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

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

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

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

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

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

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

**Table C-2. Proposition
1 Allocation**

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

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

Third Amendment

Attachment D

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

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

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

Table D-1. Drought Grant and Proposition 1 Allocation

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

Agenda Item

6.B.

Budgeted: Small Capital

Line Item: PC-17 Project #2722-075

Legal Counsel Review: No

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACTS: Jim Burror, Director of Operations

SUBJECT: AWT#2 Equipment Purchases [Project Committee No. 17]

Summary

This agenda item provides a recommendation to purchase select replacement valves for AWT#2 at the Regional Treatment Plant (RTP). The total cost for the equipment is \$51,822.36 plus shipping.

Discussion/Analysis

The small capital rehabilitation project for AWT#2 of the RTP was delayed at the request of MNWD to study recycling options in their service area. However, AWT#2 is currently in need of specific repairs in order to ensure uninterrupted operations while MNWD conducts its evaluation.

The items to be purchased include the following:

- Cla-Valve 12" valve with actuator \$33,641
- Cla-Valve 8" valve with actuator \$ 14,454

Tax is an additional \$3,727.36 for a total of \$51,822.36, plus shipping that will be determined at the time of shipping.

These items are direct equipment replacements from the same manufacturer of the existing equipment. These are direct from the manufacturer's Cla-Val Company.

Prior Related Project Committee or Board Action(s)

None

Recommended Action: Staff recommends that the Board of Directors authorize the purchase of a 12" Cla valve and an 8" Cla valve at the cost of \$51,822.36, plus shipping that will be determined at the time of shipping.

Agenda Item

6.C.

Legal Counsel Review: No

Meeting Date: April 7, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Extension of Amendment to the Waste Disposal Agreement with OC Waste and Recycling

Summary

Provide a written intent to renew the Waste Disposal Agreement (WDA) between the South Orange County Wastewater Authority (SOCWA) and the County of Orange (OC Waste and Recycling).

Discussion/Analysis

The WDA allows SOCWA and the member agencies to dispose of trash and Biosolids at the Prima Deschacha landfill at a reduced cost. The current per ton WDA price is \$36.09 for trash and \$41.09 for Biosolids versus the posted gate per ton tipping fees of \$60.09 for trash and \$65.09 for Biosolids.

Amendment #3 to the WDA expires on June 30, 2025. Amendment #3 requires a written intent to extend the agreement to be provided to OC Waste and Recycling by June 30, 2022.

SOCWA's written notice of its interest in renewing the WDA will be used to initiate the formal discussions and negotiations for the renewal of the WDA beyond June 30, 2025.

The language in the WDA states that the Renewal Term will be on the "same terms and conditions" as the existing WDA. However, OC Waste and Recycling anticipates including new terms and conditions to reflect compliance with SB 1383 and future regulations. SB 1383 requires organics diversions to recycling options.

Because Biosolids are an organic material, SOCWA staff will monitor the proposed updates to determine the potential impacts of managing Biosolids at the landfill as negotiations proceed.

Prior Related Project Committee or Board Action(s)

November 2015 – Approval of Amendment #3 to the Waste Disposal Agreement with the County of Orange (OC Waste and Recycling)

May 2015 – Approval of Amendment #3 to the Waste Disposal Agreement with the County of Orange (OC Waste and Recycling)

June 2009 – Approval of Amendment #2 to the Waste Disposal Agreement with the County of Orange (OC Waste and Recycling)

May 2004 – Approval of Amendment #1 to the Waste Disposal Agreement with the County of Orange (OC Waste and Recycling)

November 1997 – Approval of the Waste Disposal Agreement with the County of Orange (OC Waste and Recycling)

Fiscal impact

This is currently SOCWA lowest cost Biosolids management option.

The existing agreement allows for an annual adjustment based on the Consumer Price Index (CPI).

Recommended Action: Staff recommends that the Board of Directors authorize the Board Chair to provide a written intent to renew the Waste Disposal Agreement between the South Orange County Wastewater Authority and the County of Orange (OC Waste and Recycling).

/attachment: Proposed letter of intent to renew the Waste Disposal Agreement



South Orange County Wastewater Authority

April 7, 2022

Orange County Waste & Recycling
Attn: Jo Anne Taylor
601 N. Ross Street, 5th Floor
Santa Ana, CA 92701

SUBJECT: Letter of intent to extend the Waste Disposal Agreement (WDA)

Ms. Taylor,

The South Orange County Water Authority (SOCWA) intends to participate in an extended Waste Disposal Agreement (WDA).

SOCWA also requests to participate in the negotiations for any new terms or conditions for participation in the WDA. SOCWA is particularly interested in new terms or conditions that may impact SOCWA's use of landfills to manage Biosolids and trash.

It is important to note that the Prima Deshecha Landfill is an essential element of SOCWA and its member agencies' Biosolids management portfolio. The Prima Deshecha Landfill is vital to controlling operational costs and responding to emergencies.

Sincerely,

Matt Collings
Board Chair
SOCWA

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

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

AGENDA ITEM 6.D.**MEMORANDUM**DEL MAR HEIGHTS
LAS VEGAS
ORANGE COUNTY
PHOENIX
SAN DIEGO
SILICON VALLEY

TO: Board of Directors
South Orange County Wastewater Authority

FILE NO: 126694/00000001

FROM: Adriana R. Ochoa, General Counsel

CC: Betty Burnett, General Manager

DATE: March 31, 2022

RE: Update re All-Hands Meeting and City of San Juan Capistrano's Proposed Withdrawal

All-Hands Meeting

The SOCWA Board and SOCWA Member Agency General Counsel and General Managers met on March 11, 2022, to listen to a presentation by the Ad Hoc Committee relating to SOCWA's future and to discuss Irvine Ranch Water District and City of San Juan Capistrano's proposed withdrawals from SOCWA. IRWD circulated a proposed withdrawal agreement which should be presented to each Member Agency and their General Counsel for review and comment.

Follow Up Items

The following legal questions were discussed at the All-Hands Meeting:

1. Can IRWD and/or CSJC assign their rights, interests and obligations to another SOCWA Member Agency and then present 120 days' notice of withdrawal under Section 12.3 of the Joint Powers Agreement in order to properly affect withdrawal?
 - a. Is there a meaningful distinction between a contractual assignment, and an assignment that occurs concurrent with (or as a result of) a LAFCO reorganization that assigns interests from one SOCWA Member Agency to another SOCWA Member Agency, that would affect the answer to this question?

If the answer to question no. 1 above is no, then IRWD and/or CSJC need a written agreement approved by all Member Agencies in order to properly withdraw from SOCWA.

No instruction was given to SOCWA's legal counsel to investigate the answer to these questions, but we do believe it would be prudent to research these issues and provide an opinion on the matter. We seek direction from the Board in this regard. We may discuss the prospective ramifications of these questions on SOCWA at the April 7, 2022 Board meeting in greater detail if the Board so desires.

Unless directed otherwise, our office will await instruction from the Board and the Ad Hoc Committee with regard to scheduling a follow-up all hands meeting to discuss these matters and next steps with respect to revising the Joint Powers Agreement.

City of San Juan Capistrano Proposed Withdrawal

On October 7, 2021, Santa Margarita Water District sent SOCWA General Manager and General Counsel notice of LAFCO's approval of the City of San Juan Capistrano's transfer of its assets, rights and obligations in SOCWA to SMWD. On March 18, 2022, SMWD and CSJC sent a letter to all Member Agencies indicating its plans to withdraw effective June 30, 2022. In response to this letter, SOCWA staff has requested guidance from our office regarding whether it has an obligation to prepare the 2022-23 budget without CSJC's participation as a Member Agency.

SOCWA JPA, Section 12.3 (Withdrawal) states, "Any Member Agency may withdraw from the Authority effective on the last day of a specified Fiscal Year by giving each of the Member Agencies written notice on hundred and twenty (120) days prior to the end of a Fiscal Year which Fiscal Year shall be specified in said notice; provided, however, in the event the withdrawing Member Agency has any rights in any Project facility, or obligations to the Authority, said Member cannot sell, lease or transfer said rights or be relieved of its obligations, except its obligation to pay its share of operation and maintenance costs directly related to the use of the Project facilities, without the execution of a written agreement executed by it and all the Member Agencies affected by such withdrawal..."

The October 7 letter did not give notice of withdrawal under the Joint Powers Agreement and it was not sent to all Member Agencies. The March 18 letter was not timely as it did not give each Member Agency written notice of withdrawal 120 days prior to June 30, 2022. Because neither letter adhered to the terms of the Joint Powers Agreement, our recommendation to SOCWA staff is to continue preparing the 2022-23 budget with CSJC as a Member Agency.

Of course, CSJC can withdraw effective June 30, 2022, if all Member Agencies agree to waive the 120 days' notice required by Section 12.3 of the JPA, or if all Member Agencies execute a written agreement approving such a withdrawal.

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Agenda Item

6.E.

Board of Directors Meeting

Meeting Date: April 7 2022

TO: Board of Directors
FROM: Betty Burnett, General Manager
SUBJECT: General Manager's Status Report

NPDES Permit Hearing

On March 9, 2022 the San Diego Regional Water Quality Control Board (SDRWQCB) held permit hearings to consider the adoption of the Aliso Creek Ocean Outfall National Pollution Discharge Elimination System (NPDES) Permit No. CA 0107611, Order No. R9-2022-0006 and the San Juan Creek Ocean Outfall, NPDES Permit No. CA0107417, Order No. R9-2022-0005. The SDRWQCB adopted both Orders which will become effective May 1, 2022. At the hearing an informational item, proceeding the consideration of the permits was provided by the Southern California Coastal Water Research Program (SCCWRP) related to Ocean Acidification and Hypoxia modeling that SOCWA staff has been participating in the evaluation of since 2016. SDRWQCB Member Abarbanel made a motion to include a reopening of the Orders to include the updated modeling information; however, that motion did not carry in the ultimate adoption of the Orders. SOCWA staff will accompany Board members to SCCWRP in August 2022 for an update related to the modeling efforts. SOCWA staff is also working with dischargers along the Coast for a technical evaluation of the information presented at the hearing. SOCWA staff will be holding staff meetings with SOCWA member agency representatives in April 2022 to discuss roles and responsibilities and compliance requirements related to the permits.

State Land Commission Permit Update

The State Lands Commission is the oversight agency created under the State Lands Act which manages lease agreements and oversight activities of natural resources on behalf of the State of California. SOCWA holds two lease agreements with the SLC for respective permit terms of 50 years, expiring September 30, 2024. The SLC has reached out to SOCWA to renew the SJCOO lease due to the additional brine from the recently permitted, Doheny Desal project. The cost for the 25-year permit term is just over three thousand dollars. SOCWA is also in process for the ACOO lease update concurrent with the SJCOO lease update. The hearing for each lease update is projected to occur in May 2022.

ELAP Laboratory Accreditation Update

The Environmental Laboratory Accreditation Program oversees permit required testing and reporting on behalf of the State Water Resources Control Board. In January of 2022, SOCWA utilized a third-party assessor (TPA), International Accreditation Service (IAS) to perform a virtual pre-assessment/gap analysis where the SOCWA laboratory was evaluated through two accreditation avenues: ELAP and TNI accreditation. The requirement for the gap analysis is that the laboratory accreditation regulations were enacted January 1, 2021, with a three-year window to comply with the move from the current ELAP accreditation to the TNI requirements: Health and

Safety Code, Environmental Laboratories in Section 100825-100920 and Title 22, Division 4, Chapter 19, Certification of Environmental Laboratories.

After review, IAS provided two reports distinguishing ELAP findings from TNI findings. SOCWA will utilize the gap analysis to assist in reapplying for ELAP recertification in 2022 with a goal to implement all TNI requirements by January 2023 for a final compliance deadline of January 1, 2024. Areas of improvement the SOCWA laboratory will be focusing on are document control, traceability, complaint policies and procedures for client feedback, subcontracting and corrective action documentation.

Public Health Monitoring

SOCWA staff continues to work with Dr. Philip Gedalanga of California State University, Fullerton to distinguish between live and dead viral particle signals in the environment for public health indicator monitoring. The human-fecal marker is called Hf183 and is included for monitoring in the SOCWA NPDES monitoring requirements when traditional fecal indicator bacteria (FIB) markers exceed threshold values. The Hf183 marker is also being utilized to identify exfiltration from sewers. SOCWA funded research shed new light on the ability of the Hf183 host bacteria, *Bacteroides*, to survive in the environment, supplying important information for quantitative microbial risk assessment modeling and associated developing risk-based thresholds for regulatory monitoring requirements. The final paper for the Hf183 study will be provided to the Science Advisory Group in the first two weeks of April for publication. SOCWA will be working with regulatory stakeholders to share the research and is preparing for additional application studies under SOCWA Project Committee 12 for the FY 22-23 Budget related to water reclamation activities.

SOCWA staff is also working with Unified Monitoring Program's regional representatives to evaluate the implementation of recently approved rapid monitoring techniques for Orange County beaches. SOCWA currently uses culture-based methods to determine if beaches are safe to swim under requirements in the NPDES permits, Assembly Bill 411, and the BEACH Act of 2010. EPA Region 9 recently granted approval of the rapid detection techniques for enterococcus bacteria through a comparative study that the City of San Diego performed over the AB411 reporting period (April 1 through October 31). Rapid detection techniques can provide results within hours, whereby culture-based techniques require up to 24 hours and more if there are inconclusive results. SOCWA staff is working to implement these techniques in step with public health monitoring technologies. SOCWA staff will be seeking with the FY 22-23 Budget the funding to acquire the necessary equipment. Unified Monitoring of Orange County beaches is a requirement in both the Aliso Creek and San Juan Creek NPDES permits.

Microplastics

On March 23, 2022, SOCWA staff participated at the University of Irvine (UCI) Water Energy Nexus Center's Workshop on Microplastics in Wastewater Treatment and Water Reclamation. The participants included utility representatives from Los Angeles to San Diego, including the EPA, with a utility driven focus. The workshop also included methods analysis of drinking water and wastewater. SOCWA has been participating with CASA and the Southern California Water Research Project, in a wastewater-based evaluation of discharge from the Coastal Treatment Plant. This effort is based on in-kind services with personnel and sample sharing. The work arose out of the California Ocean Protection Council's Statewide Strategy on Microplastics: https://www.opc.ca.gov/webmaster/ftp/pdf/agenda_items/20220223/Item_6_Exhibit_A_Statewide_Microplastics_Strategy.pdf. At the UCI WEX Microplastics Workshop, SOCWA presented on the site-specific issues related to the developing methodologies, personnel considerations, and next steps assessment related to the emerging information concerning microplastics in wastewater. It

is important to note that published literature on microplastics in wastewater treatment provide a greater than 90% removal of microplastics discharged from the effluent. Report results from SCCWRP are pending from sample collection that began in September 2022.



Robert Culver, SOCWA Lab Manager at the microplastics sampling event of the primary effluent.



Charles Santos, SOCWA Lab Tech I, rinsing sample sieves prior to sample collection.



SOCWA implementation of the American Society of Testing and Materials (D8333-20) published method for sample collection.

Salt and Nutrient Management Plan (SNMP)

As noted in previous updates of the SNMP process SOCWA staff received a non-compliant letter related to the SNMP submitted in August 2022 after the SNMP had been reviewed by Project Committee 12 representatives. SOCWA staff apprised Project Committee 12 representatives of this decision by the San Diego Regional Water Quality Control Board (SDRWQCB) staff. SOCWA staff followed up to meet with new Regional Water Board representatives assigned to work on the project in January 2022. Through the meetings that have transpired, Board staff indicated that an updated SNMP, to include work going back to 2014, should be completed and submitted in a single package for review by SDRWQCB staff. Through budget adjustments approved by the SOCWA Board in 2022, SOCWA staff is working with technical and legal representatives in step and coordination with SOCWA member agency staff assigned to PC12.

Operations

SARBS San Juan Creek Ocean Outfall Project Silver Award

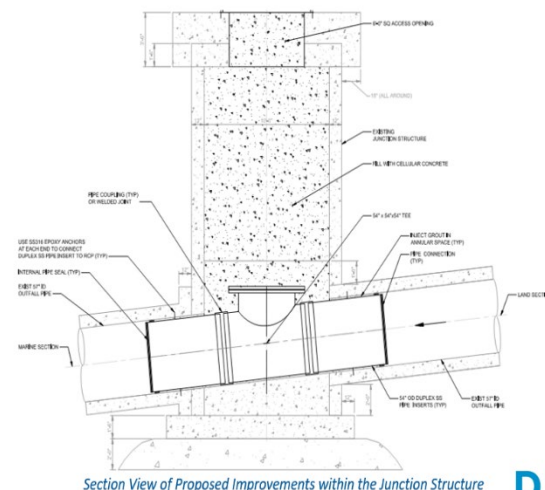
The Santa Ana River Basin Section (SARBS) of the California Water Environmental Association (CWEA) awarded SOCWA the Silver Engineering Achievement Award for the recent repairs to the San Juan Creek Ocean Outfall. The Engineering Achievement award recognizes outstanding projects by an individual, group, or agency.

The project involved a closely coordinated effort involving the construction contractor Filanc, design consultants Black and Veatch and Dudek, SOCWA staff, and the member agencies SMWD, MNWD, SCWD, City of San Juan Capistrano, and San Clemente. The repair involved constructing a new connection between the land and ocean sections of the outfall. The existing junction box was identified as being structurally deficient under peak flows. The junction structure was also exposed due to coastal erosion.

SOCWA and the member agencies had to withhold effluent flows to accommodate the construction inside the outfall junction structure. The photo below shows the proximity to the ocean.



Junction Structure Rehabilitation



The diagram below shows the repair diagram.

O&M Project Update

The O&M staff completed a number of projects recently that are highlighted below.



Grit Auger PVC flush line replacement at JBL.



Failed TWAS check valve replacement at JBL.



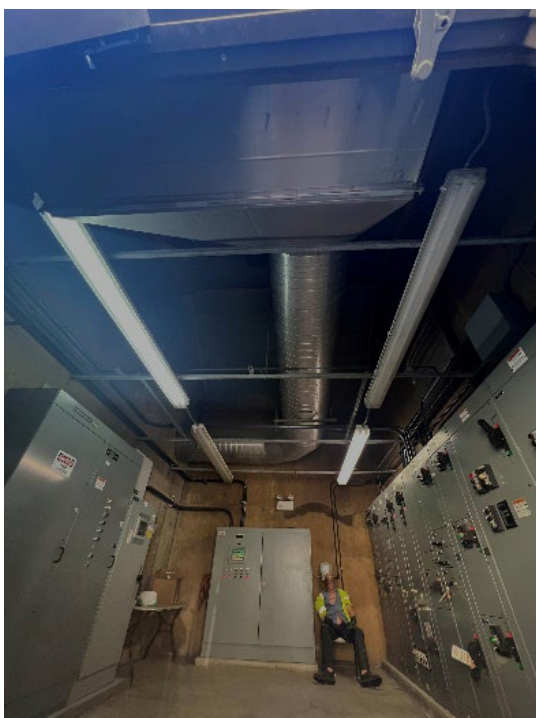
Repaired the seized rollers on JBL 9-Side Conveyor.



Replaced failed fresh air fan for Building 40 at JBL.



Staff installed a new sign at CTP to replace the rotted-out sign.



Staff replaced the obsolete and failing lighting system in the RTP Blower Room. (Before is on the left and after is on the right.)