

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*

November 3, 2022
8:30 a.m.

PHYSICAL MEETING LOCATION:
34156 Del Obispo Street
Dana Point, CA 92629

IN ACCORDANCE WITH AB361, MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE AND MAY JOIN THE MEETING VIA ONLINE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE PHONE NUMBER FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION.

PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMENTS. COMMENTS MAY ALSO BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM.

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 FOR 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.

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

Join Zoom Meeting
<https://socwa.zoom.us/>

Meeting ID: 878 4342 1958
Passcode: 497573

Dial by your location:

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Agenda

- 1. CALL TO ORDER
- 2. PLEDGE OF ALLEGIANCE
- 3. ORAL COMMUNICATIONS

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

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- 4. AB361 – 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 November 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 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, **November 3, 2022, to December 3, 2022**, regular and special meetings of the SOCWA Board and its Standing Committees and Project Committees may continue to be virtual meetings held in accordance with AB 361's Public Notice and Public Participation requirements.
- D. The Board of Directors hereby delegates authority to the Standing Committees of SOCWA to make the necessary findings to continue holding virtual meetings in accordance with AB 361 if necessary.
- E. Staff is hereby directed to notice the upcoming board and committee meetings as virtual meetings if the proclaimed state of emergency remains, unless staff makes special arrangements to hold the Board or Committee Meetings at a location that will allow for social distancing in which case the meeting may be held in person, and to place AB 361 findings on the agenda for consideration at the next occurring meeting(s) so that, at that point in time, a determination can be made regarding whether as a result of the emergency, meeting in person would continue to present imminent risks to the health or safety of attendees.

Agenda

5. CONSENT CALENDAR

- A. Minutes of All Hands Meeting 15
- All-Hands Meeting of August 31, 2022

ACTION The Board will be requested to approve subject Minutes.

- B. Minutes of Finance Committee 24
- Finance Committee Meeting of September 20, 2022

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

- C. Financial Reports for the Month of August 2022 27

The reports included are as follows:

1. Summary of Disbursements for August 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 August 2022 disbursements for the period from August 1, 2022, through August 31, 2022, totaling \$2,570,010, and to receive and file the August 2022 Financial Reports as submitted.

- D. Financial Reports for the Month of September 2022 45

The reports included are as follows:

1. Summary of Disbursements for September 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)
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 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

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- 6. FY 2022-23 Q1 Cash Roll Forward
 - Cash Roll Forward Notes
 - Large Capital Cash Reconciliation to the General Ledger
 - Large Capital Cash Roll Forward Balance by PC, Member Agency, and Project
 - Non-Capital Cash Roll Forward Balance by PC, Member Agency, and Project
 - Non-Capital Misc. Cash Roll Forward Balance by PC, Member Agency, and Project
 - Small Capital Cash Roll Forward Balance by PC, Member Agency, and Project

ACTION The Finance Committee recommends that the Board of Directors ratify the September 2022 disbursements for the period from September 1, 2022, through September 30, 2022, totaling \$3,488,811, and to receive and file the September 2022 Financial Reports and the Fiscal Year 2022-23 Q1 Cash Roll Forward as submitted.

E. Operations Report (*September 2022*)..... 68

- 1. Monthly Operational Report
- 2. SOCWA Ocean Outfall Discharges by Agency
- 3. Quarterly Report on Key Operational Expenses
- 4. Beach Ocean Monitoring Report
- 5. Recycled Water Report
- 6. Pretreatment Report (*September, October, and November 2022*)

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

F. Capital Improvement Program Status Report (*October 2022*) & Invitation to Board of Directors to tour New Construction at JBL Facility 117

ACTION Information item; receive and file.

G. Capital Improvement Construction Projects Progress and Change Order Report (*October*) [Project Committees 2, 15, & 17]..... 121

ACTION Staff recommends that the Board of Directors receive and file the Report as an information item.

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6. GENERAL MANAGER'S REPORTS

A. Operational Transition of the Moulton Niguel Water District (MNWD) Advanced Water Treatment (AWT) Facilities [Project Committee 17]

ACTION Direct staff to finalize the coordination plan with MNWD and complete the operation transition of the AWT.

B. New Truck Purchase 2022 [Project Committees 2, 15 & 17]..... 134

ACTION Staff recommends that the Board of Directors authorize the General Manager to purchase a pickup truck for an amount not to exceed \$60,000.

C. Chlor Alkali Products Sodium Hypochlorite (Bleach) and Sodium Hydroxide (Caustic Soda) Contract Award [Project Committees 2, 15, & 17] 136

ACTION Staff recommends that the Board of Directors authorize the General Manager to:

1. Enter into a contract with Olin, Inc. for sodium hypochlorite products for six months with up to three (3) additional six (6) month renewals as specified in the staff report; and
2. Enter into a contract with North Star Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) for sodium hydroxide products for six months with up to three (3) additional six (6) month renewals as specified in the staff report.

D. Mariposa Landscapes Inc. for Landscaping Services Extension [Project Committees 2, 15, & 17]..... 140

ACTION Staff recommends that the Board of Directors authorize the General Manager to execute a one-year contract extension with Mariposa Landscapes Inc. at current prices.

E. Employee Suggestion Award Program 142

ACTION In accordance with the Employee Suggestion Award Program, the Personnel Department and the Evaluation Committee recommends that the Board of Directors authorize the maximum award amount of \$1,000.00.

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- F. Brine Line Option to access Effluent Transmission Main [Project Committee 5] 160
- Presentation by Santa Margarita Water District (SMWD)
- ACTION Board of Directors/Direction and Action.
- G. Stakeholder Draft Comments Regarding Aliso Creek Estuary Concept 164
- Consideration of Draft Stakeholder Letter to be provided by City of Laguna Beach (CLB)
- ACTION Board Direction and Action to approve SOCWA to participate in sending Stakeholder letter.
- H. Santa Margarita Water District (SMWD) / Moulton Niguel Water District (MNWD)
Status Update on Facility Operations Proposals.....
- ACTION Board Discussion/Direction and Action.
- I. General Counsel’s Updates (verbal reports).....
- ACTION Board Discussion/Direction and Action.
- J. General Manager’s Status Report 167
- ACTION Information Item.
- K. Upcoming Meetings Schedule:.....
- November 3, 2022 – PC-17 Committee Meeting (Canceled)
 - November 3, 2022 – Board of Directors Meeting
 - November 3, 2022 - PC-15 Committee Meeting
 - November 8, 2022 – Executive Committee Meeting
 - November 10, 2022 – Engineering Committee Meeting
 - November 22, 2022 – PC-2 Committee Meeting
 - November 15, 2022 - Finance Committee Meeting (Canceled)
 - November 30, 2022 – Finance Committee Meeting
- November Holidays – SOCWA Office Closed:*
- *November 11, 2022 – Veteran’s Day*
 - *November 24, 2022 – Thanksgiving Day*
 - *November 25, 2022 – Day After Thanksgiving Day*
- ACTION Information Item.

South Orange County Wastewater Authority
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7. OTHER MATTERS

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
DECEMBER 8, 2022

Agenda Item

4

Board of Directors Meeting

Meeting Date: November 3, 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 October 6, 2022 Board Meeting, the SOCWA Board held its October Board, committee, and PC meetings virtually under AB 361. The Board's 30-day findings expire on November 5, 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 September 23, 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. The Board of Directors may also delegate this authority to the Standing Committees of SOCWA to allow them to make the necessary findings at a duly noticed public meeting.

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.

The County of Orange Health Officer's Orders and Strong Recommendations, revised September 23, 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 regarding positive cases, deaths and hospitalizations are available at this website: <https://occovid19.ochealthinfo.com/coronavirus-in-oc>. Board Members are encouraged to review the local data in making determinations to support the recommended findings. As of October 26, 2022, the OC Health Care Agency reported 1,427 positive weekly cases, 7 weekly deaths, 116 current hospitalizations, and 11 current cases in ICU.

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 November 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 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, **November 3, 2022 to December 3, 2022**, regular and special meetings of the SOCWA Board and its Standing Committees and Project Committees may continue to be virtual meetings held in accordance with AB 361's Public Notice and Public Participation requirements.
- D. The Board of Directors hereby delegates authority to the Standing Committees of SOCWA to make the necessary findings to continue holding virtual meetings in accordance with AB 361 if necessary.
- E. Staff is hereby directed to notice the upcoming board and committee meetings as virtual meetings if the proclaimed state of emergency remains, unless staff makes special arrangements to hold the Board or Committee Meetings at a location that will allow for social distancing in which case the meeting may be held in person, and to place AB 361 findings on the agenda for consideration at the next occurring meeting(s) so that, at that point in time, a determination can be made 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/
CHIEF MEDICAL OFFICER

MATTHEW ZAHN, MD
DEPUTY COUNTY HEALTH OFFICER, PUBLIC HEALTH SERVICES/
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 September 16, 2022)

In light of recent updated COVID-19 State Public Health Officer Orders on vaccine requirements and testing recommendations, 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 August 19, 2022. The Orders and Strong Recommendations issued on August 19, 2022, are no longer in effect as of September 16, 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.

- 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.
- 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 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.
 - Note: A negative PCR or antigen test collected on day 1-2 of symptom onset should be repeated in 1-2 days to confirm negative status. While isolation may end after the first negative test, it is

strongly recommended to end isolation upon negative results from the repeat test.

- 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.

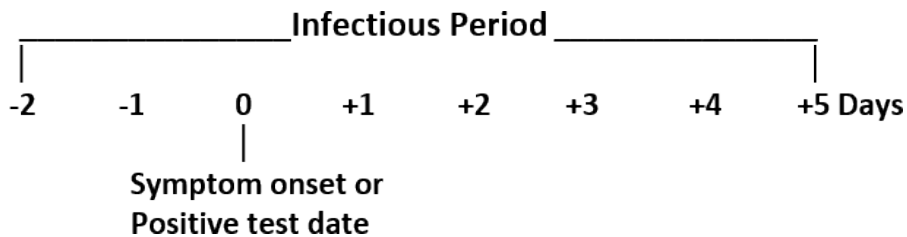
You are not required to self-isolate for more than 10 days from the date of your COVID-19 symptom(s) onset regardless of whether your symptoms are present on Day 11.

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.

3. 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.
- Rebound: Regardless of whether an individual has been treated with an antiviral agent, risk of transmission during COVID-rebound can be managed by following CDC's guidance on isolation (<https://www.cdc.gov/coronavirus/2019-ncov/your-health/quarantine-isolation.html>). An individual with rebound may end re-isolation after 5 full days of isolation with resolution of their fever for 24 hours without the use of fever-reducing medication and if symptoms are improving. The individual should wear a mask for a total of 10 days after rebound symptoms started.
 - More information can be found at <https://www.cdph.ca.gov/Programs/OPA/Pages/CAHAN/CAHAN-Paxlovid-Recurrence-06-07-22.aspx>.

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 required to wear face coverings in accordance with the Guidance for the Use of

Face Coverings issued by CDPH, dated April 20, 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:

- Homeless shelters, 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:

1) When using public transit, individuals shall follow the guidance and requirements set by the Federal government. More information about the guidance on public transportation can be found at <https://www.cdc.gov/quarantine/masks/face-masks-public-transportation.html>.

2) In workplaces, employers are subject to the Cal/OSHA COVID-19 Prevention Emergency Temporary Standards (ETS) or in some workplaces the Cal/OSHA Aerosol Transmissible Diseases (ATD) Standard (PDF) and should consult those regulations for additional applicable requirements, as modified by the Governor's Executive Order N-5-22. Additional information about how CDPH isolation and quarantine guidance affects ETS-covered workplaces may be found in Cal/OSHA FAQs.

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.
- Additional exceptions to masking requirements in high-risk settings can be found at <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Face-Coverings-QA.aspx>.

III. COVID-19 Vaccine Requirement Order

- **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 September 13, 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

The word, "worker," as used in this Order shall have the same meaning as defined in the State Health Officer's Order, dated September 13, 2022.

- **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 September 13, 2022, 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 "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-Health-Care-Worker-Vaccine-Requirement.aspx>

- **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 September 13, 2022, State Health Officer Order. 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-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.

IV. 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, 2022-2023 School Year found at: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/K-12-Guidance-2022-23-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 means sharing the same indoor space (e.g. home, clinic waiting room, airplane, etc.) for a cumulative total of 15 minutes or more over a 24-hour period (for example, three individual 5- minute exposures for a total of 15 minutes) during an infected person's (laboratory-confirmed or a clinical diagnosis) infectious 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/stay-up-to-date.html> and <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>

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 September 16, 2022, the County has reported a total of 664,361 recorded confirmed COVID-19 cases and 7,405 of COVID-19 related deaths.
6. Safe and effective authorized COVID-19 vaccines and updated booster vaccines are recommended by the CDC for eligible individuals. 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/vaccines/stay-up-to-date.html> and <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 April 20, 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 been widely available, but certain populations have been hesitant to get vaccinated or boosted (ii) 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 (iii) 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; (iv) current evidence shows that the novel coronavirus can survive on surfaces and can be indirectly transmitted between individuals; (v) older adults and individuals with medical conditions are at higher risk of severe illness; (vi) sustained COVID-19 community transmission continues to occur; (vii) 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; (viii) 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: September 16, 2022



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

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

Board of Directors

All-Hands Meeting

DRAFT

August 31, 2022

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors All Hands Meeting was held in-person and via teleconference on August 31, 2022, at 3:00 p.m. at the Santa Margarita Water District (SMWD) located at 26111 Antonio Parkway, Rancho Santa Margarita Parkway, California.

1. Call to Order

SOCWA Board Chairman, Matt Collings called the meeting to order at 3:02 p.m.

2. Roll Call

Ms. Hirsh provided a roll call of the SOCWA Board Members. The following members of the Board of Directors were present for the Meeting:

DAVID SHISSLER	City of Laguna Beach	Alternate Director [in-person]
DAVE REBENS DORF	City of San Clemente	Director [In-person]
KATHRYN FRESHLEY	El Toro Water District	Director [in-person]
MIKE DUNBAR	Emerald Bay Service District	Director [in-person]
MATT COLLINGS	Moulton Niguel Water District	Director [in-person]
DAN FERONS	Santa Margarita Water District	Director [in-person]
SCOTT GOLDMAN	South Coast Water District	Director [in-person]
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director [in-person]

Absent:

DOUG REINHART	Irvine Ranch Water District	Director [in-person]
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Staff Present:

BETTY BURNETT	General Manager	[in-person]
DAVID BARANOWSKI	Director of Engineering	[in-person]
JIM BURROR	Director of Operations	[in-person]
AMBER BAYLOR	Director of Env. Compliance	[in-person]
MARY CAREY	Finance Controller	[in-person]
RONI GRANT	Associate Engineer	[in-person]
DINA ASH	HR Administrator	[in-person]
MATT CLARKE	IT Administrator	[in-person]
DANITA HIRSH	Executive Assistant	[in-person]

Also Present:

LISA OHLUND	Ohlund Management & Technical Services	[in-person]
RICK SHINTAKU	South Coast Water District	[Zoom]
RICK ERKENEFF	South Coast Water District	[Zoom]
HANNAH BROIDA	City of Laguna Beach	[Zoom]
TARYN KJOLSING	South Coast Water District	[Zoom]

MARILYN THOMS	Ohlund Management & Technical Services	[in-person]
ALISON BURNS	Stradling Yocca Carlson & Rauth	[in-person]
JEREMY JUNGREIS	Rutan & Tucker	[in-person]
BILL MOOREHEAD	Moulton Niguel Water District	[in-person]
DON FROELICH	Moulton Niguel Water District	[in-person]
SHERRY WANNINGER	Moulton Niguel Water District	[in-person]
SAUNDRA JACOBS	Santa Margarita Water District	[in-person]
ROGER BUTOW	Clean Water Now	[Zoom]
DICK FIORE	Moulton Niguel Water District	[Zoom]
KEN DOMER	City of Laguna Beach	[Zoom]
DIANE RIFKIN	Moulton Niguel Water District	[Zoom]
FRANK URY	Santa Margarita Water District	[in-person]

3. Public Comments/Oral Communications

None.

4. Facilitation of Organizational Feedback – Alternative Wastewater Delivery Discussion

a. Opening Remarks – Board Chairman

Director Collings thanked all the Member Agencies that participated in the interview process stating the goal was to create an approach that would allow some feedback in a setting where the agencies were comfortable providing comments and had some time to think and, jointly provide those comments. He also stated he appreciated the efforts and honest inputs and is hoping that it will continue to lead to some more open dialogue. As uncomfortable as I understand it may be for us at times, I think it's going to put us in a place where we can find a good outcome for everybody. He turned the meeting over to Ms. Lisa Ohlund, Ohlund Management & Technical Services for a presentation.

b. Ohlund Presentation

Ms. Ohlund gave a PowerPoint presentation and reported on the Facilitation of Organizational Feedback attached herein.

Ms. Ohlund introduced herself and colleague Marilyn Thom's and began with an open statement echoing Chairman Collings remarks about everyone's courtesy and the time that was given to contribute to the facilitated discussions. Ms. Ohlund stated for the record "I just want to say that no one ever made us feel uncomfortable, or that I felt that they were less than had, you know, candid and open with us." She continued with the presentation and final report.

Ms. Ohlund's verbatim report:

I just want to review the scope. Many of you were not involved in the process of putting together the RFP or the discussions about what the scope of this was. And I think it's important to do that, so that you're not sitting here going, wow, is that all

they did? Why didn't we get more, the scope was very narrow and focused, but hopefully you will agree that what was presented to you was the full effort of what was said in all of those meetings. So, the background review that we had, we had available materials for 2018 to 2022 that we reviewed. And of course, I had institutional knowledge that I gained during my time that I was actually employed by AWMA, SERRA, SOCWA. Or excuse me, SOCRA, back in the 90's. I met with the task force at the end of May, and the task force further refined the scope and clarified questions that we had, and there were five questions in the RFP itself that we were supposed to ask. At that meeting, the task force identified one more question six, which was basically is there any organizational change that you would be open to? We held the member agency meetings, of course, mainly during the month of June, and eight of the 10 original agencies; and I say original agencies meaning San Juan Capistrano was included in that original list in the RFP. But during that time, Santa Margarita Water District completed the acquisition process through SOCWA, and that they assumed San Juan's place in our in our meetings. Irvine Ranch Water District did not participate at their request. And so, it was eight of the 10 plus SOCWA Staff. The agenda and the six questions were provided in advance of the meetings and some agencies provided written comments which we included, even though we took those written comments and kind of normalize them for the format that we had in the report. But for the purposes of the record, we wanted to make sure we submitted exactly what they said. And then the meetings were primarily attended by staff members, however, four Districts did have directors present during the meeting. Next slide please. Summary report that you had in your agenda was reviewed by the task force, we received some input from them. And I prepared the draft report that you have. We grouped the responses by agency and by question. But then we also group them by similar response. And if we could go the next slide. So, you know, why did we do that? It was an effort to kind of take the data and do some non-judgmental grouping of where you could easily see like responses, and also where people were kind of in the middle maybe and then or had raised new issues. And then really, it was us trying to be non-judgmental in the grouping. We didn't receive any direction on that, and it was really trying to take a lot of data and synthesize it a bit. We took the literal meaning of what someone said if they, if they said it, as it was said, we reported it. So, we didn't try to interpret it or smooth it or anything like that. We took the plain language meaning of what they said. So, there are areas where you can say, well, the logical conclusion from what they said is x, we didn't go to the x, we just gave you the raw data as it were. So, if you want to interpret something, you should ask the agency that said it. So, and then we also want to address the breadth of comments there were. And that's where again, you can say, well, I would have grouped these together, or I would have said that was the same thing. There were nuances when we were talking with them that doesn't come across in the written comments. And so, in Marilyn, and my judgment, we thought it better to have that as a separate item and not group it with someone else. That's really all I want to say that the report is very self-explanatory. And I'm happy to entertain any questions that you may have.

c. Open discussion/comments/direction

There was an open discussion amongst the SOCWA Board of Directors, Member Agency attendees, and SOCWA staff.

There was consensus of the Board of Directors to initiate a process based on the review of the report, and feedback to move forward with providing more detail on Santa Margarita Water Districts proposal for operating the JB Latham Plant, and looking at future planning to study facility operations, project costs, risks and liabilities and how each issue is going to be addressed.

5. ADJOURNMENT

There being no further business, Chairman Collings adjourned the meeting at 4:43 p.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Board of Directors on August 31, 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



Facilitation of Organizational Feedback

All-Hands Meeting
August 31, 2022

Scope Review



- **Background Review:**

- Review available materials (2018-2022) - OMTS institutional knowledge
- Meeting with Task Force Committee (5/27/22)
- Three years of discussion culminated in 3/11/22 Proposal
- Five Questions from RFP plus one developed at meeting w/Task Force
- **Focus on Six Questions, although no comment/question out-of-bounds**

- **Member Agency Meetings**

- Meetings held between June 2 – July 6, 2022
- 8 of 10 original agencies, plus SOCWA staff (SJC represented by SMWD; IRWD did not participate)
- Agenda and six questions provided in advance; some agencies provided written comments
- Primarily attended by staff members; ETWD, MNWD, SCWD & TCWD had Directors present

Scope – Cont'd



- Summary Report & Summary Meeting
 - After Task Force review and input, draft report presented July 31, 2022
 - Responses Grouped
 - By Agency
 - By Question
 - By Similar Response

Similar Response Groupings



- Why?
- Guidelines
 - Third-Party View
 - Non-anticipatory/non-judgmental or blanket statement (e.g., CLB, SOCWA Staff, MMWD responses)
 - Literal
 - “If it was said, it was meant to be reported”
 - Plain language meaning
 - Address Breadth of Comments



Questions

Lisa Ohlund

Marilyn Thoms

Ohlund Management & Technical Services



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

Finance Committee

September 20, 2022

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

DENNIS CAFFERTY	El Toro Water District	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Director
TONI ISEMAN	City of Laguna Beach	Director
DAN FERONS	Santa Margarita Water District	Director
PAMELA ARENDS-KING	South Coast Water District	Alternate Director

Staff Participation:

BETTY BURNETT	General Manager
MARY CAREY	Finance Controller
AMBER BAYLOR	Director of Environmental Compliance
JIM BURROR	Director of Operations
DAVID BARANOWSKI	Director of Engineering
KONSTANTIN SHILKOV	Senior Accountant
NAYDN KIM	Accountant
ANNA SUTHERLAND	Accounts Payable
DINA ASH	HR Administrator
MATT CLARKE	IT Administrator
RONI YOUNG GRANT	Associate Engineer
DANITA HIRSH	Executive Assistant

Also Participating:

KEVIN DAVIS	Procopio Law
KATHRYN FRESHLEY	El Toro Water District
MATT COLLINGS	Moulton Niguel Water District
SHERRY WANNINGER	Moulton Niguel Water District
ERICA CASTILLO	Santa Margarita Water District

1. Call Meeting to Order

Chairman Ferons called the meeting to order at 10:30 a.m.

2. Public Comments

None.

3. Approval of Minutes

- Finance Committee Meeting of August 16, 2022

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Arends-King to approve subject Minutes as submitted.

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

4. Preliminary Financial Reports for the Month of June 2022, and Financial Reports for the Month of July 2022

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Cafferty to (i) receive and file the June 2022 (Preliminary) Financial Reports, (ii) ratify the July 2022 disbursements for the period from July 1, through July 31, 2022, totaling \$4,925,747.

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

5. Preliminary Draft Use Audit, O&M only, FY 2021-22 Budget vs. Actual including UAL and OPEB Expense Distribution by Member Agencies

Ms. Carey, Finance Controller gave a PowerPoint presentation on the Preliminary Use Audit Fiscal Year 2021-22. An open discussion ensued.

This was an information item; no action was taken.

6. Unfunded Pension Liability (UAL) – Distribution by Project Committee and Member Agency

Ms. Carey gave a PowerPoint presentation on the UAL & OPEB annual expenses by Member Agency. An open discussion ensued.

This was an information item; no action was taken.

Adjournment

There being no further business, Chairman Ferons adjourned the meeting at 11:33 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Finance Committee of September 20, 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.C.

Board of Directors Meeting

Meeting Date: November 3, 2022

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

August 2022 cash disbursements were: \$ 2,570,010

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

Recommended Action: The Finance Committee recommends that the Board of Directors ratify the August 2022 disbursements for the period from August 1, 2022, through August 31, 2022, totaling \$2,570,010, and to receive and file the August 2022 Financial Reports as submitted.

Exhibit A

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

	Actual
General Fund	\$ (92,996)
PC 2 - Jay B. Latham Plant	(987,255)
PC 5 - San Juan Creek Ocean Outfall	(41,305)
PC 8 - Pretreatment Program	(19,932)
PC 12 SO - Water Reclamation Permits	(3,175)
PC 15 - Coastal Treatment Plant/AWT	(552,638)
PC 17 - Joint Regional Wastewater Reclamation	(833,293)
PC 21 - Effluent Transmission Main	-
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(39,416)
Total	<u>\$ (2,570,010)</u>

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

CASH IN BANK: (BEGINNING BAL.)	\$	1,720,695
L.A.I.F. FUNDS: (BEGINNING BAL.)		4,718,692
DEPOSITS, TRANSFERS & ADJUSTMENTS:		7,049,594
FUND REQUIREMENTS:		
BILLS FOR CONSIDERATION ¹		(2,570,010)
TOTAL CASH IN BANK		\$ 10,918,971

¹ GL postings.

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

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

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

Betty Burnett
General Manager

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



PMIA/LAIF Performance Report as of 10/06/22



PMIA Average Monthly Effective Yields⁽¹⁾

September	1.513
August	1.276
July	1.090

Quarterly Performance Quarter Ended 06/30/22

LAIF Apportionment Rate ⁽²⁾ :	0.75
LAIF Earnings Ratio ⁽²⁾ :	0.00002057622201151
LAIF Fair Value Factor ⁽¹⁾ :	0.987125414
PMIA Daily ⁽¹⁾ :	0.99%
PMIA Quarter to Date ⁽¹⁾ :	0.69%
PMIA Average Life ⁽¹⁾ :	311

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾

08/31/22
\$229.3 billion

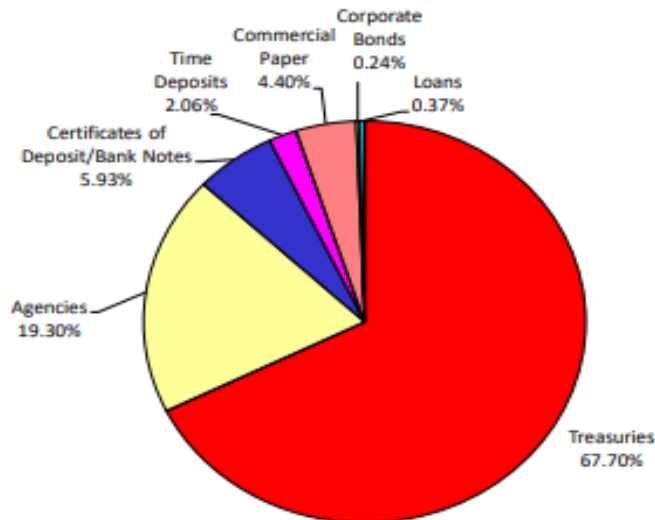


Chart does not include \$4,017,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

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

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

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

Exhibit C

**South Orange County Wastewater Authority
Schedule of Cash and Investments
as of August 31, 2022**

MVA	\$ 1,880	(A)
A/P Checking	1,980,205	(B)
Payroll Checking	140,194	(C)
State LAIF	8,796,692	(D)
Total Cash in Bank¹	\$ 10,918,971	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 10,920,571	
OPEB Trust	5,860,405	(F)
Total Cash and Investments	\$ 16,780,976	

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:

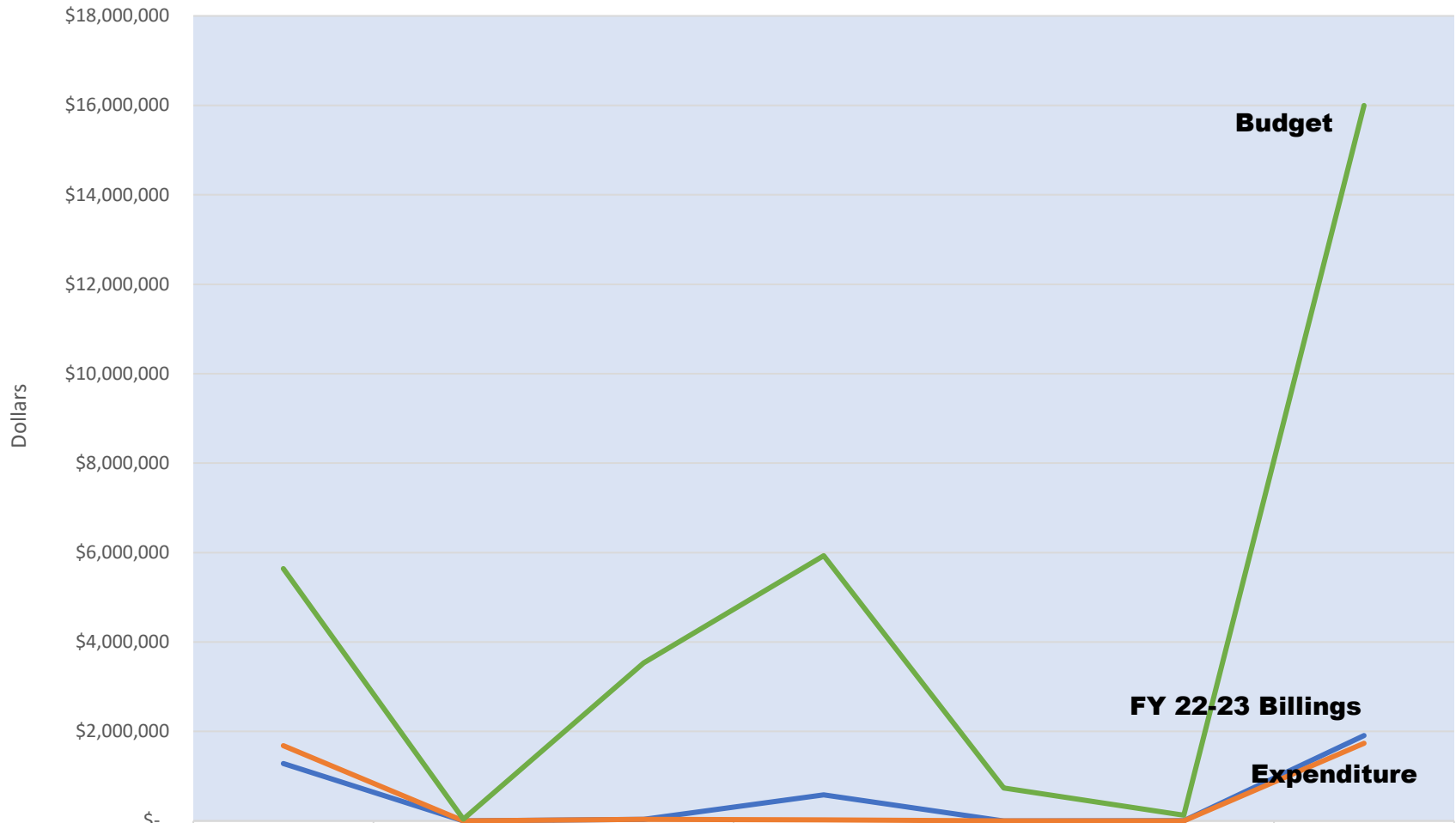
- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
Payroll including payroll taxes and related liabilities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

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

FY 2022-23 Budget vs. Actual Spending								
Description	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 5,638,569	\$ 1,285,528	\$ 4,353,041	22.8%	\$ 1,680,405	\$ 1,680,405	\$ -	76.5%
PC 5-San Juan Creek Outfall	39,064	-	39,064	-	-	-	-	-
PC 15-Coastal	3,529,980	37,605	3,492,375	1.1%	32,728	19,403	13,325	114.9%
PC 17-Regional	5,928,616	582,665	5,345,951	9.8%	22,099	22,099	-	2636.6%
PC 21 Effluent Transmission	732,810	692	732,118	0.1%	-	-	-	-
PC 24 Aliso Creek Outfall	127,065	1,568	125,497	0.0%	-	-	-	-
Total Large Capital	\$ 15,996,104	\$ 1,908,058	\$ 14,088,046	11.9%	\$ 1,735,232	\$ 1,721,907	\$ 13,325	110.0%
Non-Capital Engineering	217,326	-	217,326	0.0%	18,750	17,574	1,176	0.0%
Non-Capital Misc Engineering	17,500	11,600	5,900	66.3%	-	-	-	0.0%
Small Internal Capital	2,061,000	249,270	1,811,730	12.1%	515,250	448,199	67,051	48.4%
Total Capital	\$ 18,291,930	\$ 2,168,928	\$ 16,123,002	11.9%	\$ 2,269,232	\$ 2,187,680	\$ 81,552	95.6%

Large Capital Projects Fiscal Year '22-23 Budget vs. Year-to-Date Expenditures & Billings as of 8/31/2022

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 8/31/22	\$1,285,528	-	\$37,605	\$582,665	\$692.23	1,568.34	\$1,908,058
FY 22-23 Billings	\$1,680,405	-	\$32,728	\$22,099	-	-	\$1,735,232
Capital Budget 22-23	\$5,638,569	39,064.00	\$3,529,980	\$5,928,616	\$732,810	\$127,065	\$15,996,104

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

For the Period Ended August 31, 2022

(in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
-5000--**_**	Regular Salaries-O&M	4,931,084	752,216	4,178,868	15.3%
-5001--**_**	Overtime Salaries-O&M	73,524	18,417	55,107	25.0%
-5306--**_**	Scheduled Holiday Work	86,468	8,806	77,662	10.2%
-5315--**_**	Comp Time - O&M	16,920	1,491	15,429	8.8%
-5401--**_**	Fringe Benefits IN to PC's & Depts.	2,572,272	392,391	2,179,881	15.3%
-5700--**_**	Standby Pay	70,000	11,440	58,560	16.3%
	Total Payroll Costs	7,750,268	1,184,762	6,565,506	15.3%
Other Expenses					
-5002--**_**	Electricity	1,253,828	171,142	1,082,686	13.6%
-5003--**_**	Natural Gas	268,200	80,717	187,483	30.1%
-5004--**_**	Potable & Reclaimed Water	87,008	11,678	75,330	13.4%
-5005--**_**	Co-generation Power Credit	(1,050,004)	(215,573)	(834,431)	20.5%
-5006--**_**	Chlorine/Sodium Hypochlorite	554,000	137,779	416,221	24.9%
-5007--**_**	Polymer Products	789,548	204,545	585,003	25.9%
-5008--**_**	Ferric Chloride	688,256	160,152	528,104	23.3%
-5009--**_**	Odor Control Chemicals	117,572	21,673	95,899	18.4%
-5010--**_**	Other Chemicals - Misc.	2,004	-	2,004	-
-5011--**_**	Laboratory Services	65,724	3,269	62,456	5.0%
-5012--**_**	Grit Hauling	124,472	20,702	103,770	16.6%
-5013--**_**	Landscaping	219,008	32,251	186,757	14.7%
-5015--**_**	Management Support Services	501,512	7,686	493,826	1.5%
-5017--**_**	Legal Fees	23,688	10,638	13,050	44.9%
-5018--**_**	Public Notices/ Public Relations	3,732	-	3,732	-
-5019--**_**	Contract Services Misc.	320,996	75,668	245,328	23.6%
-5021--**_**	Small Vehicle Expense	23,104	8,278	14,826	35.8%
-5022--**_**	Miscellaneous Expense	15,988	1,162	14,826	7.3%
-5023--**_**	Office Supplies - All	46,008	5,187	40,821	11.3%
-5024--**_**	Petroleum Products	34,000	-	34,000	-
-5025--**_**	Uniforms	71,004	15,572	55,432	21.9%
-5026--**_**	Small Vehicle Fuel	22,764	2,055	20,709	9.0%
-5027--**_**	Insurance - Property/Liability	491,248	384,563	106,685	78.3%
-5028--**_**	Small Tools & Supplies	80,600	13,565	67,035	16.8%
-5030--**_**	Trash Disposal	8,500	1,286	7,214	15.1%
-5031--**_**	Safety Program & Supplies	112,712	33,404	79,308	29.6%
-5032--**_**	Equipment Rental	7,004	3,679	3,325	52.5%
-5033--**_**	Recruitment	2,316	1,152	1,164	49.7%
-5034--**_**	Travel Expense/Tech. Conferences	73,736	4,610	69,126	6.3%
-5035--**_**	Training Expense	73,052	6,444	66,608	8.8%
-5036--**_**	Laboratory Supplies	121,144	21,822	99,322	18.0%
-5037--**_**	Office Equipment	25,992	2,666	23,326	10.3%
-5038--**_**	Permits	593,908	24,108	569,800	4.1%
-5039--**_**	Membership Dues/Fees	25,120	2,504	22,616	10.0%
-5044--**_**	Offshore Monitoring	80,000	31,784	48,216	39.7%
-5045--**_**	Offshore Biochemistry - 20B	30,004	-	30,004	-
-5046--**_**	Effluent Chemistry	44,992	402	44,591	0.9%
-5047--**_**	Access Road Expenses	45,000	-	45,000	-
-5048--**_**	Storm Damage	21,000	-	21,000	-
-5049--**_**	Biosolids Disposal	1,568,996	287,283	1,281,713	18.3%
-5050--**_**	Contract Services Generators - 29A	28,008	4,051	23,957	14.5%
-5052--**_**	Janitorial Services	101,004	14,363	86,641	14.2%
-5053--**_**	Contract Serv - Digester Cleaning - 29E	60,000	33,195	26,805	55.3%

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

For the Period Ended August 31, 2022

(in dollars)

	FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended	
-5054--**_**	Diesel Truck Maint	41,996	8,280	33,716	19.7%
-5055--**_**	Diesel Truck Fuel	11,496	1,089	10,407	9.5%
-5056--**_**	Maintenance Equip. & Facilities (Solids)	361,000	42,115	318,885	11.7%
-5057--**_**	Maintenance Equip. & Facilities (Liquids)	589,996	117,199	472,797	19.9%
-5058--**_**	Maintenance Equip. & Facilities (Common)	90,008	17,064	72,944	19.0%
-5059--**_**	Maintenance Equip. & Facilities (Co-Gen)	715,996	176,244	539,752	24.6%
-5060--**_**	Maintenance Equip. & Facilities (AWT)	88,000	27,167	60,833	30.9%
-5061--**_**	Mileage	3,652	150	3,502	4.1%
-5068--**_**	MNWD Potable Water Supplies & Svcs.	44,000	2,035	41,965	4.6%
-5076--**_**	SCADA Infrastructure	92,128	-	92,128	-
-5077--**_**	IT Direct	45,004	-	45,004	-
-5105--**_**	Co-Generation Power Credit - Offset	1,050,000	215,573	834,427	20.5%
-5303--**_**	Group Insurance Waiver	18,000	3,143	14,857	17.5%
-5305--**_**	Medicare Tax Payments for Employees	2,388	339	2,049	14.2%
-5309--**_**	Operating Leases	28,004	3,554	24,450	12.7%
-5705--**_**	Monthly Car Allowance	35,400	5,458	29,942	15.4%
-5799--**_**	Zephyr Wall Costs Share-O&M	(14,000)	-	(14,000)	-
-6500--**_**	IT Allocations in to PC's & Depts.	609,236	79,018	530,218	13.0%
	Total Other Expenses	11,589,052	2,323,886	9,265,166	20.1%
	Total O&M Expenses	19,339,320	3,508,648	15,830,672	18.1%

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

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000.**-**.***	Regular Salaries-O&M	1,699,352	271,845	1,427,507	16.0%
02-5001.**-**.***	Overtime Salaries-O&M	27,144	10,035	17,109	37.0%
02-5306.**-**.***	Scheduled Holiday Work	37,836	3,617	34,219	9.6%
02-5315.**-**.***	Comp Time - O&M	8,056	535	7,521	6.6%
02-5401.**-**.***	Fringe Benefits IN to PC's & Depts.	886,460	141,807	744,653	16.0%
02-5700.**-**.***	Standby Pay	26,000	4,453	21,548	17.1%
	Total Payroll Costs	2,684,848	432,292	2,252,556	16.1%
Other Expenses					
02-5002.**-**.***	Electricity	534,828	62,897	471,931	11.8%
02-5003.**-**.***	Natural Gas	165,128	44,569	120,559	27.0%
02-5004.**-**.***	Potable & Reclaimed Water	26,004	3,084	22,920	11.9%
02-5006.**-**.***	Chlorine/Sodium Hypochlorite	9,000	7,032	1,968	78.1%
02-5007.**-**.***	Polymer Products	319,544	90,240	229,304	28.2%
02-5008.**-**.***	Ferric Chloride	255,252	39,865	215,387	15.6%
02-5009.**-**.***	Odor Control Chemicals	23,568	8,211	15,357	34.8%
02-5010.**-**.***	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011.**-**.***	Laboratory Services	19,712	860	18,853	4.4%
02-5012.**-**.***	Grit Hauling	59,468	11,308	48,160	19.0%
02-5013.**-**.***	Landscaping	77,004	10,675	66,330	13.9%
02-5015.**-**.***	Management Support Services	30,008	3,244	26,764	10.8%
02-5017.**-**.***	Legal Fees	4,996	1,705	3,291	34.1%
02-5019.**-**.***	Contract Services Misc.	82,000	24,406	57,594	29.8%
02-5021.**-**.***	Small Vehicle Expense	11,000	4,028	6,972	36.6%
02-5022.**-**.***	Miscellaneous Expense	8,000	514	7,486	6.4%
02-5023.**-**.***	Office Supplies - All	29,000	2,184	26,816	7.5%
02-5024.**-**.***	Petroleum Products	11,000	-	11,000	-
02-5025.**-**.***	Uniforms	34,008	6,860	27,148	20.2%
02-5026.**-**.***	Small Vehicle Fuel	10,004	882	9,122	8.8%
02-5027.**-**.***	Insurance - Property/Liability	167,039	134,582	32,457	80.6%
02-5028.**-**.***	Small Tools & Supplies	38,000	3,090	34,910	8.1%
02-5030.**-**.***	Trash Disposal	3,000	145	2,855	4.8%
02-5031.**-**.***	Safety Program & Supplies	39,248	11,910	27,338	30.3%
02-5032.**-**.***	Equipment Rental	3,000	-	3,000	-
02-5033.**-**.***	Recruitment	1,000	669	331	66.9%
02-5034.**-**.***	Travel Expense/Tech. Conferences	20,596	1,881	18,715	9.1%
02-5035.**-**.***	Training Expense	25,352	1,993	23,359	7.9%
02-5036.**-**.***	Laboratory Supplies	21,000	2,831	18,169	13.5%
02-5037.**-**.***	Office Equipment	13,000	11	12,989	0.1%
02-5038.**-**.***	Permits	26,500	19,800	6,700	74.7%
02-5039.**-**.***	Membership Dues/Fees	5,808	335	5,473	5.8%
02-5049.**-**.***	Biosolids Disposal	687,000	97,224	589,776	14.2%
02-5050.**-**.***	Contract Services Generators - 29A	10,004	-	10,004	-
02-5052.**-**.***	Janitorial Services	47,000	8,419	38,581	17.9%
02-5053.**-**.***	Contract Serv - Digester Cleaning - 29E	60,000	33,195	26,805	55.3%
02-5054.**-**.***	Diesel Truck Maint	21,996	3,918	18,078	17.8%
02-5055.**-**.***	Diesel Truck Fuel	2,996	544	2,452	18.2%
02-5056.**-**.***	Maintenance Equip. & Facilities (Solids)	150,000	23,022	126,978	15.3%
02-5057.**-**.***	Maintenance Equip. & Facilities (Liquids)	230,000	55,303	174,697	24.0%
02-5058.**-**.***	Maintenance Equip. & Facilities (Common)	29,000	9,555	19,445	32.9%
02-5059.**-**.***	Maintenance Equip. & Facilities (Co-Gen)	277,000	36,078	240,922	13.0%
02-5061.**-**.***	Mileage	2,148	30	2,118	1.4%
02-5076.**-**.***	SCADA Infrastructure	27,832	-	27,832	-
02-5077.**-**.***	IT Direct	15,004	-	15,004	-
02-5303.**-**.***	Group Insurance Waiver	7,204	1,315	5,889	18.3%
02-5309.**-**.***	Operating Leases	22,000	3,554	18,446	16.2%
02-5705.**-**.***	Monthly Car Allowance	22,800	3,325	19,475	14.6%
02-5799.**-**.***	Zephyr Wall Costs Share-O&M	(14,000)	-	(14,000)	-
02-6500.**-**.***	IT Allocations in to PC's & Depts.	211,980	27,494	184,486	13.0%
	Total Other Expenses	3,884,031	802,786	3,081,245	20.7%
	Total Expenses	6,568,879	1,235,078	5,333,801	18.8%
05 - San Juan Creek Ocean Outfall					
Salary and Fringe					

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

	FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended	
05-5000-**-**-**	Regular Salaries-O&M	108,564	22,179	86,385	20.4%
05-5001-**-**-**	Overtime Salaries-O&M	72	12	60	17.1%
05-5306-**-**-**	Scheduled Holiday Work	440	44	396	9.9%
05-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	56,628	11,569	45,059	20.4%
	Total Payroll Costs	165,704	33,804	131,900	20.4%
Other Expenses					
05-5015-**-**-**	Management Support Services	125,004	2,217	122,787	1.8%
05-5017-**-**-**	Legal Fees	2,008	671	1,337	33.4%
05-5026-**-**-**	Small Vehicle Fuel	500	-	500	-
05-5027-**-**-**	Insurance - Property/Liability	18,420	14,203	4,217	77.1%
05-5031-**-**-**	Safety Supplies	1,004	-	1,004	-
05-5034-**-**-**	Travel Expense/Tech. Conferences	5,592	868	4,724	15.5%
05-5035-**-**-**	Training Expense	2,500	-	2,500	-
05-5036-**-**-**	Laboratory Supplies	35,000	2,866	32,134	8.2%
05-5038-**-**-**	Permits	275,000	-	275,000	-
05-5039-**-**-**	Membership Dues/Fees	2,000	-	2,000	-
05-5044-**-**-**	Offshore Monitoring	40,000	17,652	22,348	44.1%
05-5045-**-**-**	Offshore Biochemistry - 20B	15,004	-	15,004	-
05-5046-**-**-**	Effluent Chemistry	22,496	390	22,107	1.7%
05-5058-**-**-**	Maintenance Equip. & Facilities (Common)	1,004	-	1,004	-
05-6500-**-**-**	IT Allocations in to PC's & Depts.	13,148	1,705	11,443	13.0%
	Total Other Expenses	558,680	40,572	518,108	7.3%
	Total Expenses	724,384	74,376	650,008	10.3%
08 - Pre Treatment					
Salary and Fringe					
08-5000-**-**-**	Regular Salaries-O&M	116,396	19,043	97,353	16.4%
08-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	60,716	9,934	50,782	16.4%
	Total Payroll Costs	177,112	28,976	148,136	16.4%
Other Expenses					
08-5011-**-**-**	Laboratory Services	3,004	1,440	1,564	47.9%
08-5015-**-**-**	Management Support Services	20,004	-	20,004	-
08-5017-**-**-**	Legal Fees	2,672	-	2,672	-
08-5018-**-**-**	Public Notices/ Public Relations	3,732	-	3,732	-
08-5021-**-**-**	Small Vehicle Expense - 31A	1,100	-	1,100	-
08-5022-**-**-**	Miscellaneous Expense	1,984	-	1,984	-
08-5026-**-**-**	Small Vehicle Fuel - 37A	1,256	-	1,256	-
08-5027-**-**-**	Insurance - Property/Liability	6,141	4,735	1,406	77.1%
08-5028-**-**-**	Small Tools & Supplies	3,600	-	3,600	-
08-5034-**-**-**	Travel Expense/Tech. Conferences	3,496	-	3,496	-
08-5035-**-**-**	Training Expense	2,000	-	2,000	-
08-5038-**-**-**	Permits and Fines	504	-	504	-
08-5039-**-**-**	Membership Dues/Fees	796	110	686	13.8%
08-6500-**-**-**	IT Allocations in to PC's & Depts.	14,092	1,828	12,264	13.0%
	Total Other Expenses	64,381	8,113	56,268	12.6%
	Total Expenses	241,493	37,089	204,404	15.4%
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-**-**-**	Regular Salaries-O&M	88,952	1,815	87,137	2.0%
12-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	46,400	947	45,453	2.0%
	Total Payroll Costs	135,352	2,762	132,590	2.0%
Other Expenses					
12-5015-**-**-**	Management Support Services	164,996	-	164,996	-
12-5017-**-**-**	Legal Fees	2,000	-	2,000	-
12-5027-**-**-**	Insurance - Property/Liability	8,884	6,850	2,034	77.1%
12-5034-**-**-**	Travel Expense/Tech. Conferences	4,796	-	4,796	-
12-5038-**-**-**	Permits	22,508	-	22,508	-
12-5039-**-**-**	Membership Dues/Fees	68	-	68	-
12-6500-**-**-**	IT Allocations in to PC's & Depts.	10,764	1,396	9,368	13.0%
	Total Other Expenses	214,016	8,246	205,770	3.9%
	Total Expenses	349,368	11,008	338,360	3.2%

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

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-**-***	Regular Salaries-O&M	954,888	139,010	815,878	14.6%
15-5001-**-***	Overtime Salaries-O&M	11,216	1,795	9,421	16.0%
15-5306-**-***	Scheduled Holiday Work	15,672	1,165	14,507	7.4%
15-5315-**-***	Comp Time - O&M	1,996	471	1,525	23.6%
15-5401-**-***	Fringe Benefits IN to PC's & Depts.	498,120	72,514	425,606	14.6%
15-5700-**-***	Standby Pay	17,000	1,430	15,570	8.4%
	Total Payroll Costs	1,498,892	216,384	1,282,508	14.4%
Other Expenses					
15-5002-**-***	Electricity	235,000	49,968	185,032	21.3%
15-5003-**-***	Natural Gas	3,000	81	2,919	2.7%
15-5004-**-***	Potable & Reclaimed Water	25,004	3,394	21,610	13.6%
15-5006-**-***	Chlorine/Sodium Hypochlorite	90,000	22,150	67,850	24.6%
15-5007-**-***	Polymer Products	1,000	-	1,000	-
15-5008-**-***	Ferric Chloride	70,000	25,233	44,767	36.0%
15-5009-**-***	Odor Control Chemicals	52,004	6,136	45,868	11.8%
15-5011-**-***	Laboratory Services	20,000	345	19,656	1.7%
15-5012-**-***	Grit Hauling	21,004	2,823	18,181	13.4%
15-5013-**-***	Landscaping	57,000	9,763	47,237	17.1%
15-5015-**-***	Management Support Services	11,500	4	11,496	0.0%
15-5017-**-***	Legal Fees	5,000	621	4,379	12.4%
15-5019-**-***	Contract Services Misc.	110,000	25,448	84,552	23.1%
15-5021-**-***	Small Vehicle Expense - 31A	4,004	43	3,961	1.1%
15-5022-**-***	Miscellaneous Expense	1,000	-	1,000	-
15-5023-**-***	Office Supplies - All	4,004	1,018	2,986	25.4%
15-5024-**-***	Petroleum Products	3,000	-	3,000	-
15-5025-**-***	Uniforms	9,000	1,768	7,232	19.6%
15-5026-**-***	Small Vehicle Fuel	2,000	393	1,607	19.6%
15-5027-**-***	Insurance - Property/Liability	72,916	56,222	16,694	77.1%
15-5028-**-***	Small Tools & Supplies	9,000	3,985	5,015	44.3%
15-5030-**-***	Trash Disposal	2,996	310	2,686	10.4%
15-5031-**-***	Safety Supplies	32,804	8,730	24,074	26.6%
15-5032-**-***	Equipment Rental	1,000	-	1,000	-
15-5033-**-***	Recruitment	312	-	312	-
15-5034-**-***	Travel Expense/Tech. Conferences	13,072	248	12,824	1.9%
15-5035-**-***	Training Expense	17,148	1,768	15,380	10.3%
15-5036-**-***	Laboratory Supplies	14,000	6,352	7,648	45.4%
15-5037-**-***	Office Equipment	2,996	2,655	341	88.6%
15-5038-**-***	Permits	6,996	2,109	4,888	30.1%
15-5039-**-***	Membership Dues/Fees	4,800	563	4,237	11.7%
15-5047-**-***	Access Road Expenses	45,000	-	45,000	-
15-5048-**-***	Storm Damage	21,000	-	21,000	-
15-5050-**-***	Contract Services Generators	5,000	4,051	949	81.0%
15-5052-**-***	Janitorial Services	12,004	1,866	10,138	15.5%
15-5054-**-***	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-**-***	Diesel Truck Fuel - 37B	500	-	500	-
15-5057-**-***	Maintenance Equip. & Facilities (Liquids)	144,996	22,015	122,981	15.2%
15-5058-**-***	Maintenance Equip. & Facilities (Common)	23,000	1,326	21,674	5.8%
15-5060-**-***	Maintenance Equip. & Facilities (AWT)	38,000	18,266	19,734	48.1%
15-5061-**-***	Mileage	500	-	500	-
15-5076-**-***	SCADA Infrastructure	32,296	-	32,296	-
15-5077-**-***	IT Direct	15,000	-	15,000	-
15-5303-**-***	Group Insurance Waiver	3,600	609	2,991	16.9%
15-5305-**-***	Medicare Tax Payments for Employees	2,240	339	1,901	15.2%
15-5705-**-***	Monthly Car Allowance	4,200	711	3,489	16.9%
15-6500-**-***	IT Allocations in to PC's & Depts.	118,660	15,390	103,270	13.0%
	Total Other Expenses	1,368,556	296,705	1,071,851	21.7%
	Total Expenses	2,867,448	513,089	2,354,359	17.9%
17 - Joint Regional Wastewater Reclamation and Sludge Handling					
Salary and Fringe					
17-5000-**-***	Regular Salaries-O&M	1,844,716	278,642	1,566,074	15.1%
17-5001-**-***	Overtime Salaries-O&M	34,472	6,554	27,918	19.0%
17-5306-**-***	Scheduled Holiday Work	32,244	3,981	28,263	12.3%

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

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
17-5315-**-**	Comp Time - O&M	6,868	486	6,382	7.1%
17-5401-**-**	Fringe Benefits IN to PC's & Depts.	962,288	145,353	816,935	15.1%
17-5700-**-**	Standby Pay	27,000	5,558	21,443	20.6%
	Total Payroll Costs	2,907,588	440,574	2,467,014	15.2%
Other Expenses					
17-5002-**-**	Electricity	484,000	58,276	425,724	12.0%
17-5003-**-**	Natural Gas	100,072	36,067	64,005	36.0%
17-5004-**-**	Potable & Reclaimed Water	36,000	5,200	30,800	14.4%
17-5005-**-**	Co-generation Power Credit	(1,050,004)	(215,573)	(834,431)	20.5%
17-5006-**-**	Chlorine/Sodium Hypochlorite	455,000	108,598	346,402	23.9%
17-5007-**-**	Polymer Products	469,004	114,304	354,700	24.4%
17-5008-**-**	Ferric Chloride	363,004	95,053	267,951	26.2%
17-5009-**-**	Odor Control Chemicals	42,000	7,326	34,674	17.4%
17-5010-**-**	Other Chemicals - Misc.	1,004	-	1,004	-
17-5011-**-**	Laboratory Services	23,008	625	22,384	2.7%
17-5012-**-**	Grit Hauling - 21A	44,000	6,571	37,429	14.9%
17-5013-**-**	Landscaping	85,004	11,813	73,191	13.9%
17-5015-**-**	Management Support Services	24,996	4	24,992	0.0%
17-5017-**-**	Legal Fees	5,004	6,971	(1,967)	139.3%
17-5019-**-**	Contract Services Misc.	110,000	25,814	84,186	23.5%
17-5021-**-**	Small Vehicle Expense	7,000	4,207	2,793	60.1%
17-5022-**-**	Miscellaneous Expense	5,004	648	4,356	12.9%
17-5023-**-**	Office Supplies - All	13,004	1,984	11,020	15.3%
17-5024-**-**	Petroleum Products	20,000	-	20,000	-
17-5025-**-**	Uniforms	27,996	6,944	21,053	24.8%
17-5026-**-**	Small Vehicle Fuel	9,004	780	8,224	8.7%
17-5027-**-**	Insurance - Property/Liability	199,964	154,182	45,782	77.1%
17-5028-**-**	Small Tools & Supplies	30,000	6,489	23,511	21.6%
17-5030-**-**	Trash Disposal	2,504	830	1,674	33.2%
17-5031-**-**	Safety Supplies	38,652	12,764	25,888	33.0%
17-5032-**-**	Equipment Rental	3,004	3,679	(675)	122.5%
17-5033-**-**	Recruitment	1,004	483	521	48.1%
17-5034-**-**	Travel Expense/Tech. Conferences	20,592	743	19,849	3.6%
17-5035-**-**	Training Expense	25,148	2,683	22,465	10.7%
17-5036-**-**	Laboratory Supplies	25,144	8,449	16,695	33.6%
17-5037-**-**	Office Equipment	9,996	-	9,996	-
17-5038-**-**	Permits	15,000	2,199	12,801	14.7%
17-5039-**-**	Membership Dues/Fees	5,804	1,497	4,307	25.8%
17-5049-**-**	Biosolids Disposal	881,996	190,059	691,937	21.5%
17-5050-**-**	Contract Services Generators - 29A	13,004	-	13,004	-
17-5052-**-**	Janitorial Services	42,000	4,078	37,922	9.7%
17-5054-**-**	Diesel Truck Maint	19,000	4,362	14,638	23.0%
17-5055-**-**	Diesel Truck Fuel	8,000	544	7,456	6.8%
17-5056-**-**	Maintenance Equip. & Facilities (Solids)	211,000	19,093	191,907	9.0%
17-5057-**-**	Maintenance Equip. & Facilities (Liquids)	215,000	39,882	175,118	18.5%
17-5058-**-**	Maintenance Equip. & Facilities (Common)	36,000	6,183	29,817	17.2%
17-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	438,996	140,167	298,829	31.9%
17-5060-**-**	Maintenance Equip. & Facilities (AWT)	50,000	8,901	41,099	17.8%
17-5061-**-**	Mileage	1,004	119	885	11.9%
17-5068-**-**	MNWD Potable Water Supplies & Svcs.	44,000	2,035	41,965	4.6%
17-5076-**-**	SCADA Infrastructure	32,000	-	32,000	-
17-5077-**-**	IT Direct	15,000	-	15,000	-
17-5105-**-**	Co-Generation Power Credit - Offset	1,050,000	215,573	834,427	20.5%
17-5303-**-**	Group Insurance Waiver	7,196	1,218	5,978	16.9%
17-5305-**-**	Medicare Tax Payments for Employees	148	-	148	-
17-5309-**-**	Operating Leases	6,004	-	6,004	-
17-5705-**-**	Monthly Car Allowance	8,400	1,422	6,978	16.9%
17-6500-**-**	IT Allocations in to PC's & Depts.	226,420	29,367	197,053	13.0%
	Total Other Expenses	4,956,080	1,132,613	3,823,467	22.9%
	Total Expenses	7,863,668	1,573,188	6,290,480	20.0%
21 - Effluent Transmission Main					
Salary and Fringe					
21-5000-**-**	Regular Salaries-O&M	1,156	-	1,156	-
21-5401-**-**	Fringe Benefits IN to PC's & Depts.	600	-	600	-
	Total Payroll Costs	1,756	-	1,756	0.0%

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

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Other Expenses					
21-5019-**-**-**	Contract Services Misc.	18,996	-	18,996	-
21-5027-**-**-**	Insurance - Property/Liability	-	-	-	-
	Total Other Expenses	<u>18,996</u>	<u>-</u>	<u>18,996</u>	<u>0.0%</u>
	Total Expenses	<u>20,752</u>	<u>-</u>	<u>20,752</u>	<u>0.0%</u>
24 - Aliso Creek Ocean Outfall					
Salary and Fringe					
24-5000-**-**-**	Regular Salaries-O&M	117,060	19,682	97,378	16.8%
24-5001-**-**-**	Overtime Salaries-O&M	620	20	600	3.2%
24-5306-**-**-**	Scheduled Holiday Work	276	-	276	-
24-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	61,060	10,267	50,793	16.8%
	Total Payroll Costs	<u>179,016</u>	<u>29,970</u>	<u>149,046</u>	<u>16.7%</u>
Other Expenses					
24-5015-**-**-**	Management Support Services	125,004	2,217	122,787	1.8%
24-5017-**-**-**	Legal Fees	2,008	671	1,337	33.4%
24-5027-**-**-**	Insurance - Property/Liability	17,884	13,789	4,095	77.1%
24-5031-**-**-**	Safety Supplies	1,004	-	1,004	-
24-5034-**-**-**	Travel Expense/Tech. Conferences	5,592	868	4,724	15.5%
24-5035-**-**-**	Training Expense	904	-	904	-
24-5036-**-**-**	Laboratory Supplies	26,000	1,324	24,676	5.1%
24-5038-**-**-**	Permits	247,400	-	247,400	-
24-5039-**-**-**	Membership Dues/Fees	5,844	-	5,844	-
24-5044-**-**-**	Offshore Monitoring	40,000	14,132	25,868	35.3%
24-5045-**-**-**	Offshore Biochemistry - 20B	15,000	-	15,000	-
24-5046-**-**-**	Effluent Chemistry	22,496	12	22,484	0.1%
24-5058-**-**-**	Maintenance Equip. & Facilities (Common) 41-C	1,004	-	1,004	-
24-6500-**-**-**	IT Allocations in to PC's & Depts.	14,172	1,838	12,334	13.0%
	Total Other Expenses	<u>524,312</u>	<u>34,852</u>	<u>489,460</u>	<u>6.6%</u>
	Total Expenses	<u>703,328</u>	<u>64,821</u>	<u>638,507</u>	<u>9.2%</u>
	 Total O&M Expenses	<u>19,339,320</u>	<u>3,508,648</u>	<u>15,830,672</u>	<u>18.1%</u>

**South Orange County Wastewater Authority
Budget vs. Actual Comparison - Engineering**
For the Period Ended August 31, 2022
(in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	161,205	19,303	141,902	12.0%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	84,092	10,069	74,023	12.0%
	Total Payroll Costs	245,297	29,372	215,925	12.0%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	355	2,829	11.1%
01-5023-03-00-00	Office Supplies - All	208	-	208	-
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	-	6,439	-
01-5035-03-00-00	Training Expense	2,244	-	2,244	-
01-5037-03-00-00	Office Equipment	408	-	408	-
01-5039-03-00-00	Membership Dues/Fees	1,377	-	1,377	-
01-5061-03-00-00	Mileage	510	-	510	-
01-5309-03-00-00	Operating Leases	9,300	1,731	7,569	18.6%
01-5705-03-00-00	Monthly Car Allowance	4,200	210	3,990	5.0%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	52,639	6,827	45,811	13.0%
	Total Other Expenses	81,127	9,123	72,004	11.2%
	Total Engineering Expenses	326,424	38,495	287,929	11.8%

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

For the Period Ended August 31, 2022

(in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	974,150	144,331	829,819	14.8%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	3,759	6,241	37.6%
01-6315-04-00-00	Comp Time - Admin	5,000	281	4,719	5.6%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	508,162	75,290	432,873	14.8%
	Total Payroll Costs	1,497,312	223,660	1,273,652	14.9%
Other Expenses					
01-6018-04-00-00	Public Notices/ Public Relations	3,270	-	3,270	-
01-6101-04-00-00	HR Recruitment & Employee Relations	29,190	459	28,731	1.6%
01-6102-04-00-00	Subscriptions	2,533	221	2,311	8.7%
01-6103-04-00-00	Contract Labor/Temp Labor	30,000	1,347	28,653	4.5%
01-6200-04-00-00	Management Support Services	50,000	923	49,077	1.8%
01-6201-04-00-00	Audit	46,000	1,500	44,500	3.3%
01-6202-04-00-00	Legal	200,000	63,478	136,522	31.7%
01-6204-04-00-00	Postage	1,500	344	1,156	22.9%
01-6223-04-00-00	Office Supplies - Admin	4,294	230	4,064	5.4%
01-6224-04-00-00	Office Equipment	6,000	217	5,783	3.6%
01-6234-04-00-00	Memberships & Trainings	95,912	46,047	49,865	48.0%
01-6239-04-00-00	Travel & Conference	25,000	1,988	23,012	8.0%
01-6241-04-00-00	Education Reimbursement	4,500	-	4,500	-
01-6310-04-00-00	Miscellaneous	20,000	3,686	16,314	18.4%
01-6311-04-00-00	Mileage	569	-	569	-
01-6317-04-00-00	Contract Services Misc	5,573	900	4,673	16.1%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	117,968	15,301	102,668	13.0%
01-6601-04-00-00	Shipping/Freight	4,382	-	4,382	-
01-6705-04-00-00	Monthly Car Allowance	12,000	2,031	9,969	16.9%
	Total Other Expenses	658,691	138,674	520,017	21.1%
Total Admin Expenses		2,156,003	362,334	1,793,669	16.8%

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
 For the Period Ended August 31, 2022
 (in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	106,310	15,647	90,663	14.7%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	55,456	8,162	47,294	14.7%
	Total Salary & Fringe	161,767	23,809	137,958	14.7%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	-	1,000	-
01-6035-05-00-00	Training Expense	3,000	-	3,000	-
01-6224-05-00-00	Office Equipment	600	-	600	-
01-6234-05-00-00	Memberships & Trainings	12,850	-	12,850	-
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	60,433	14,094	46,339	23.3%
01-6301-05-00-00	Hardware Maintenance Agreements	14,186	-	14,186	-
01-6302-05-00-00	Cloud Subscriptions (Internet)	181,766	11,941	169,825	6.6%
01-6303-05-00-00	Telecommunications	164,582	24,406	140,176	14.8%
01-6305-05-00-00	IT Professional Services	53,500	5,303	48,197	9.9%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	28,900	3,409	25,491	11.8%
01-6307-05-00-00	Small Software Purchases & Licenses(<\$5k)	26,444	9,295	17,149	35.1%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	8,685	55,488	13.5%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	-	205	(205)	-
	Total Other Expenses	618,094	77,337	540,757	12.5%
Total Expenses before Allocation		779,860	101,146	678,715	13.0%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(779,860)	(101,146)	(678,715)	13.0%
	Total IT Allocations (Out) to PC's & Depts	(779,860)	(101,146)	(678,715)	13.0%

Agenda Item

5.D.

Board of Directors Meeting

Meeting Date: November 3, 2022

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Financial Reports for the Month of September 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 September 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. FY 2022-23 Q1 Cash Roll Forward
 - Cash Roll Forward Notes
 - Large Capital Cash Reconciliation to the General Ledger
 - Large Capital Cash Roll Forward Balance by PC, Member Agency, and Project
 - Non-Capital Cash Roll Forward Balance by PC, Member Agency, and Project
 - Non-Capital Misc. Cash Roll Forward Balance by PC, Member Agency, and Project
 - Small Capital Cash Roll Forward Balance by PC, Member Agency, and Project

Fiscal impact

September 2022 cash disbursements were: \$ 3,488,811

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

Recommended Action: The Finance Committee recommends that the Board of Directors ratify the September 2022 disbursements for the period from September 1, 2022, through September 30, 2022, totaling \$3,488,811, and to receive and file the September 2022 Financial Reports and the Fiscal Year 2022-23 Q1 Cash Roll Forward as submitted.

Exhibit A

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

	<u>Actual</u>
General Fund	\$ (148,111)
PC 2 - Jay B. Latham Plant	(1,639,306)
PC 5 - San Juan Creek Ocean Outfall	(31,582)
PC 8 - Pretreatment Program	(12,891)
PC 12 SO - Water Reclamation Permits	(23,174)
PC 15 - Coastal Treatment Plant/AWT	(322,775)
PC 17 - Joint Regional Wastewater Reclamation	(1,290,760)
PC 21 - Effluent Transmission Main	-
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(20,214)
Total	<u><u>\$ (3,488,811)</u></u>

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of September 30, 2022**

CASH IN BANK: (BEGINNING BAL.)	\$	2,122,279
L.A.I.F. FUNDS: (BEGINNING BAL.)		8,796,692
DEPOSITS, TRANSFERS & ADJUSTMENTS:		(50,310)
FUND REQUIREMENTS:		
BILLS FOR CONSIDERATION ¹		(3,488,811)
		(3,488,811)
TOTAL CASH IN BANK		\$ 7,379,849

¹ GL postings.

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

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

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

Betty Burnett
General Manager

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



PMIA/LAIF Performance Report as of 10/06/22



PMIA Average Monthly Effective Yields⁽¹⁾

September	1.513
August	1.276
July	1.090

Quarterly Performance Quarter Ended 06/30/22

LAIF Apportionment Rate ⁽²⁾ :	0.75
LAIF Earnings Ratio ⁽²⁾ :	0.00002057622201151
LAIF Fair Value Factor ⁽¹⁾ :	0.987125414
PMIA Daily ⁽¹⁾ :	0.99%
PMIA Quarter to Date ⁽¹⁾ :	0.69%
PMIA Average Life ⁽¹⁾ :	311

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾

08/31/22
\$229.3 billion

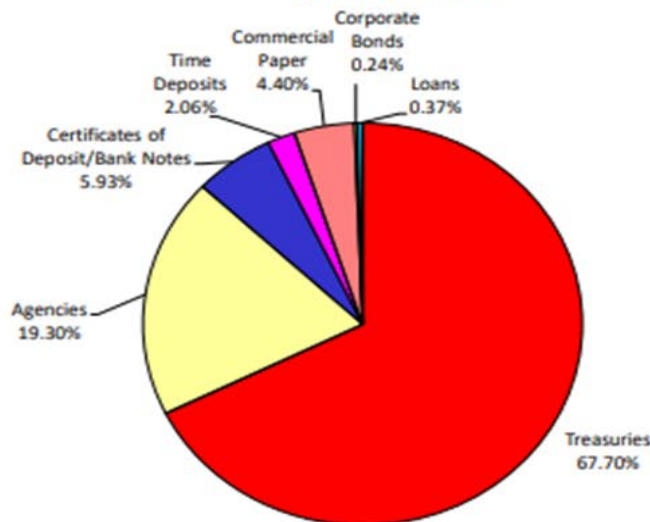


Chart does not include \$4,017,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

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 September 30, 2022**

MVA	\$ 6,752	(A)
A/P Checking	1,160,100	(B)
Payroll Checking	142,305	(C)
State LAIF	6,070,692	(D)
Total Cash in Bank¹	\$ 7,379,849	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 7,381,449	
OPEB Trust	5,860,405	(F)
Total Cash and Investments	\$ 13,241,854	

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:

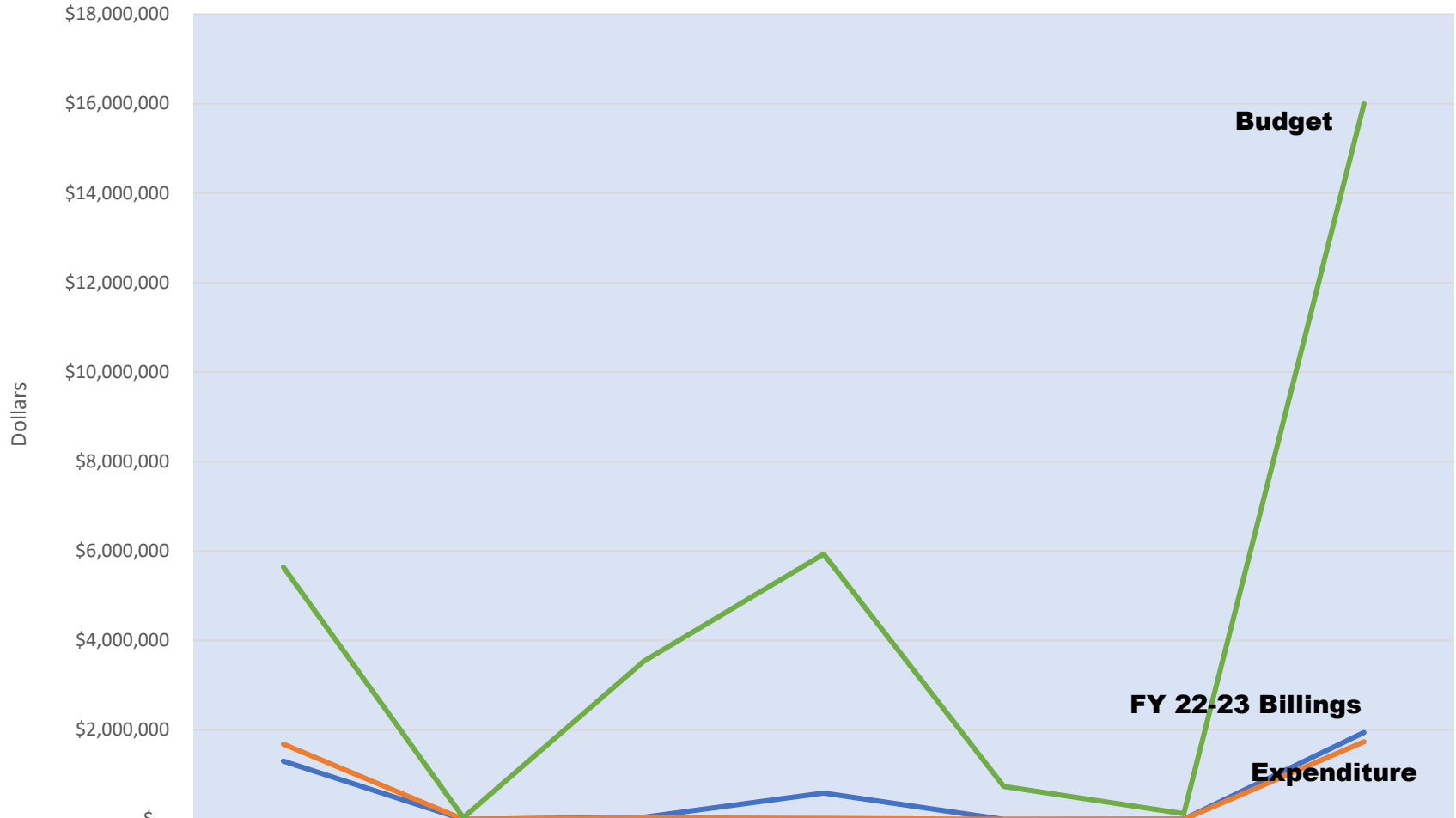
- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
Payroll including payroll taxes and related liabilities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

**South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended September 30, 2022
(in dollars)**

FY 2022-23 Budget vs. Actual Spending								
<u>Description</u>	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 5,638,569	\$ 1,302,250	\$ 4,336,319	23.1%	\$ 1,680,405	\$ 1,680,405	\$ -	77.5%
PC 5-San Juan Creek Outfall	39,064	-	39,064	-	-	-	-	-
PC 15-Coastal	3,529,980	47,551	3,482,429	1.3%	32,728	19,403	13,325	145.3%
PC 17-Regional	5,928,616	590,159	5,338,457	10.0%	22,099	22,099	-	2670.5%
PC 21 Effluent Transmission	732,810	692	732,118	0.1%	-	-	-	-
PC 24 Aliso Creek Outfall	127,065	1,568	125,497	0.0%	-	-	-	-
Total Large Capital	\$ 15,996,104	\$ 1,942,221	\$ 14,053,883	12.1%	\$ 1,735,232	\$ 1,721,907	\$ 13,325	111.9%
Non-Capital Engineering	217,326	-	217,326	0.0%	18,750	17,574	1,176	0.0%
Non-Capital Misc Engineering	17,500	11,600	5,900	66.3%	-	-	-	0.0%
Small Internal Capital	2,061,000	275,972	1,785,028	13.4%	515,250	448,199	67,051	53.6%
Total Capital	\$ 18,291,930	\$ 2,229,793	\$ 16,062,137	12.2%	\$ 2,269,232	\$ 2,187,680	\$ 81,552	98.3%

Large Capital Projects Fiscal Year '22-23 Budget vs. Year-to-Date Expenditures & Billings as of 9/30/2022

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 9/30/22	\$1,302,250	-	\$47,551	\$590,159	\$692.23	1,568.34	\$1,942,221
FY 22-23 Billings	\$1,680,405	-	\$32,728	\$22,099	-	-	\$1,735,232
Capital Budget 22-23	\$5,638,569	39,064.00	\$3,529,980	\$5,928,616	\$732,810	\$127,065	\$15,996,104

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

For the Period Ended September 30, 2022

(in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
-5000--**_**	Regular Salaries-O&M	4,931,084	1,150,829	3,780,255	23.3%
-5001--**_**	Overtime Salaries-O&M	73,524	39,123	34,401	53.2%
-5306--**_**	Scheduled Holiday Work	86,468	14,833	71,635	17.2%
-5315--**_**	Comp Time - O&M	16,920	3,169	13,751	18.7%
-5401--**_**	Fringe Benefits IN to PC's & Depts.	2,572,272	600,327	1,971,945	23.3%
-5700--**_**	Standby Pay	70,000	17,160	52,840	24.5%
	Total Payroll Costs	7,750,268	1,825,441	5,924,827	23.6%
Other Expenses					
-5002--**_**	Electricity	1,253,828	289,885	963,943	23.1%
-5003--**_**	Natural Gas	268,200	125,191	143,009	46.7%
-5004--**_**	Potable & Reclaimed Water	87,008	18,525	68,484	21.3%
-5005--**_**	Co-generation Power Credit	(1,050,004)	(295,573)	(754,431)	28.1%
-5006--**_**	Chlorine/Sodium Hypochlorite	554,000	203,101	350,899	36.7%
-5007--**_**	Polymer Products	789,548	276,025	513,523	35.0%
-5008--**_**	Ferric Chloride	688,256	236,291	451,965	34.3%
-5009--**_**	Odor Control Chemicals	117,572	43,400	74,172	36.9%
-5010--**_**	Other Chemicals - Misc.	2,004	-	2,004	-
-5011--**_**	Laboratory Services	65,724	3,562	62,163	5.4%
-5012--**_**	Grit Hauling	124,472	38,202	86,270	30.7%
-5013--**_**	Landscaping	219,008	32,251	186,757	14.7%
-5014--**_**	Engineering - Misc.	-	-	-	-
-5015--**_**	Management Support Services	501,512	9,306	492,206	1.9%
-5017--**_**	Legal Fees	23,688	10,638	13,050	44.9%
-5018--**_**	Public Notices/ Public Relations	3,732	-	3,732	-
-5019--**_**	Contract Services Misc.	320,996	78,439	242,557	24.4%
-5021--**_**	Small Vehicle Expense	23,104	10,049	13,055	43.5%
-5022--**_**	Miscellaneous Expense	15,988	1,635	14,353	10.2%
-5023--**_**	Office Supplies - All	46,008	7,290	38,718	15.8%
-5024--**_**	Petroleum Products	34,000	7,440	26,560	21.9%
-5025--**_**	Uniforms	71,004	22,598	48,406	31.8%
-5026--**_**	Small Vehicle Fuel	22,764	3,288	19,476	14.4%
-5027--**_**	Insurance - Property/Liability	491,248	384,563	106,685	78.3%
-5028--**_**	Small Tools & Supplies	80,600	14,910	65,690	18.5%
-5030--**_**	Trash Disposal	8,500	1,441	7,059	17.0%
-5031--**_**	Safety Program & Supplies	112,712	40,136	72,576	35.6%
-5032--**_**	Equipment Rental	7,004	3,679	3,325	52.5%
-5033--**_**	Recruitment	2,316	1,152	1,164	49.7%
-5034--**_**	Travel Expense/Tech. Conferences	73,736	5,381	68,355	7.3%
-5035--**_**	Training Expense	73,052	7,549	65,503	10.3%
-5036--**_**	Laboratory Supplies	121,144	32,347	88,797	26.7%
-5037--**_**	Office Equipment	25,992	2,740	23,252	10.5%
-5038--**_**	Permits	593,908	24,108	569,800	4.1%
-5039--**_**	Membership Dues/Fees	25,120	2,504	22,616	10.0%
-5044--**_**	Offshore Monitoring	80,000	31,784	48,216	39.7%
-5045--**_**	Offshore Biochemistry - 20B	30,004	-	30,004	-
-5046--**_**	Effluent Chemistry	44,992	2,264	42,729	5.0%
-5047--**_**	Access Road Expenses	45,000	-	45,000	-
-5048--**_**	Storm Damage	21,000	-	21,000	-
-5049--**_**	Biosolids Disposal	1,568,996	420,130	1,148,866	26.8%
-5050--**_**	Contract Services Generators - 29A	28,008	4,051	23,957	14.5%
-5052--**_**	Janitorial Services	101,004	19,963	81,041	19.8%

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

For the Period Ended September 30, 2022
(in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
** -5053-**-**-**	Contract Serv - Digester Cleaning - 29E	60,000	33,195	26,805	55.3%
** -5054-**-**-**	Diesel Truck Maint	41,996	15,748	26,248	37.5%
** -5055-**-**-**	Diesel Truck Fuel	11,496	5,987	5,509	52.1%
** -5056-**-**-**	Maintenance Equip. & Facilities (Solids)	361,000	93,804	267,196	26.0%
** -5057-**-**-**	Maintenance Equip. & Facilities (Liquids)	589,996	137,660	452,336	23.3%
** -5058-**-**-**	Maintenance Equip. & Facilities (Common)	90,008	26,511	63,497	29.5%
** -5059-**-**-**	Maintenance Equip. & Facilities (Co-Gen)	715,996	200,212	515,784	28.0%
** -5060-**-**-**	Maintenance Equip. & Facilities (AWT)	88,000	30,357	57,643	34.5%
** -5061-**-**-**	Mileage	3,652	289	3,363	7.9%
** -5068-**-**-**	MNWD Potable Water Supplies & Svcs.	44,000	5,107	38,893	11.6%
** -5076-**-**-**	SCADA Infrastructure	92,128	-	92,128	-
** -5077-**-**-**	IT Direct	45,004	-	45,004	-
** -5105-**-**-**	Co-Generation Power Credit - Offset	1,050,000	295,573	754,427	28.1%
** -5303-**-**-**	Group Insurance Waiver	18,000	4,666	13,334	25.9%
** -5305-**-**-**	Medicare Tax Payments for Employees	2,388	514	1,874	21.5%
** -5309-**-**-**	Operating Leases	28,004	4,828	23,176	17.2%
** -5705-**-**-**	Monthly Car Allowance	35,400	8,098	27,302	22.9%
** -5799-**-**-**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	-	100.0%
** -6500-**-**-**	IT Allocations in to PC's & Depts.	609,236	108,409	500,827	17.8%
	Total Other Expenses	11,589,052	3,077,202	8,511,850	26.6%
	Total O&M Expenses	19,339,320	4,902,643	14,436,677	25.4%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended September 30, 2022
 (in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000.**-**.***	Regular Salaries-O&M	1,699,352	412,676	1,286,676	24.3%
02-5001.**-**.***	Overtime Salaries-O&M	27,144	13,575	13,569	50.0%
02-5306.**-**.***	Scheduled Holiday Work	37,836	7,682	30,154	20.3%
02-5315.**-**.***	Comp Time - O&M	8,056	1,430	6,626	17.8%
02-5401.**-**.***	Fringe Benefits IN to PC's & Depts.	886,460	215,271	671,189	24.3%
02-5700.**-**.***	Standby Pay	26,000	7,150	18,850	27.5%
	Total Payroll Costs	2,684,848	657,784	2,027,064	24.5%
Other Expenses					
02-5002.**-**.***	Electricity	534,828	113,794	421,034	21.3%
02-5003.**-**.***	Natural Gas	165,128	68,098	97,030	41.2%
02-5004.**-**.***	Potable & Reclaimed Water	26,004	5,584	20,420	21.5%
02-5006.**-**.***	Chlorine/Sodium Hypochlorite	9,000	7,032	1,968	78.1%
02-5007.**-**.***	Polymer Products	319,544	90,240	229,304	28.2%
02-5008.**-**.***	Ferric Chloride	255,252	58,366	196,886	22.9%
02-5009.**-**.***	Odor Control Chemicals	23,568	12,969	10,599	55.0%
02-5010.**-**.***	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011.**-**.***	Laboratory Services	19,712	954	18,758	4.8%
02-5012.**-**.***	Grit Hauling	59,468	21,308	38,160	35.8%
02-5013.**-**.***	Landscaping	77,004	10,675	66,330	13.9%
02-5015.**-**.***	Management Support Services	30,008	4,864	25,144	16.2%
02-5017.**-**.***	Legal Fees	4,996	1,705	3,291	34.1%
02-5019.**-**.***	Contract Services Misc.	82,000	25,347	56,653	30.9%
02-5021.**-**.***	Small Vehicle Expense	11,000	4,377	6,623	39.8%
02-5022.**-**.***	Miscellaneous Expense	8,000	514	7,486	6.4%
02-5023.**-**.***	Office Supplies - All	29,000	2,839	26,161	9.8%
02-5024.**-**.***	Petroleum Products	11,000	-	11,000	-
02-5025.**-**.***	Uniforms	34,008	9,884	24,124	29.1%
02-5026.**-**.***	Small Vehicle Fuel	10,004	1,146	8,858	11.5%
02-5027.**-**.***	Insurance - Property/Liability	167,039	134,582	32,457	80.6%
02-5028.**-**.***	Small Tools & Supplies	38,000	3,750	34,250	9.9%
02-5030.**-**.***	Trash Disposal	3,000	145	2,855	4.8%
02-5031.**-**.***	Safety Program & Supplies	39,248	15,067	24,181	38.4%
02-5032.**-**.***	Equipment Rental	3,000	-	3,000	-
02-5033.**-**.***	Recruitment	1,000	669	331	66.9%
02-5034.**-**.***	Travel Expense/Tech. Conferences	20,596	2,035	18,561	9.9%
02-5035.**-**.***	Training Expense	25,352	2,296	23,056	9.1%
02-5036.**-**.***	Laboratory Supplies	21,000	4,652	16,348	22.2%
02-5037.**-**.***	Office Equipment	13,000	85	12,915	0.7%
02-5038.**-**.***	Permits	26,500	19,800	6,700	74.7%
02-5039.**-**.***	Membership Dues/Fees	5,808	335	5,473	5.8%
02-5049.**-**.***	Biosolids Disposal	687,000	147,157	539,843	21.4%
02-5050.**-**.***	Contract Services Generators - 29A	10,004	-	10,004	-
02-5052.**-**.***	Janitorial Services	47,000	11,086	35,914	23.6%
02-5053.**-**.***	Contract Serv - Digester Cleaning - 29E	60,000	33,195	26,805	55.3%
02-5054.**-**.***	Diesel Truck Maint	21,996	7,652	14,344	34.8%
02-5055.**-**.***	Diesel Truck Fuel	2,996	2,094	902	69.9%
02-5056.**-**.***	Maintenance Equip. & Facilities (Solids)	150,000	67,754	82,246	45.2%
02-5057.**-**.***	Maintenance Equip. & Facilities (Liquids)	230,000	60,348	169,652	26.2%
02-5058.**-**.***	Maintenance Equip. & Facilities (Common)	29,000	17,873	11,127	61.6%
02-5059.**-**.***	Maintenance Equip. & Facilities (Co-Gen)	277,000	48,347	228,653	17.5%
02-5061.**-**.***	Mileage	2,148	30	2,118	1.4%
02-5076.**-**.***	SCADA Infrastructure	27,832	-	27,832	-
02-5077.**-**.***	IT Direct	15,004	-	15,004	-
02-5303.**-**.***	Group Insurance Waiver	7,204	1,925	5,279	26.7%
02-5309.**-**.***	Operating Leases	22,000	4,828	17,172	21.9%
02-5705.**-**.***	Monthly Car Allowance	22,800	4,899	17,901	21.5%
02-5799.**-**.***	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	-	100.0%
02-6500.**-**.***	IT Allocations in to PC's & Depts.	211,980	37,720	174,260	17.8%
	Total Other Expenses	3,884,031	1,054,018	2,830,013	27.1%
	Total Expenses	6,568,879	1,711,802	4,857,077	26.1%

05 - San Juan Creek Ocean Outfall
 Salary and Fringe

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended September 30, 2022
(in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
05-5000-**-**-**	Regular Salaries-O&M	108,564	32,825	75,739	30.2%
05-5001-**-**-**	Overtime Salaries-O&M	72	71	1	98.0%
05-5306-**-**-**	Scheduled Holiday Work	440	44	396	9.9%
05-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	56,628	17,123	39,505	30.2%
	Total Payroll Costs	165,704	50,062	115,642	30.2%
Other Expenses					
05-5015-**-**-**	Management Support Services	125,004	2,217	122,787	1.8%
05-5017-**-**-**	Legal Fees	2,008	671	1,337	33.4%
05-5026-**-**-**	Small Vehicle Fuel	500	-	500	-
05-5027-**-**-**	Insurance - Property/Liability	18,420	14,203	4,217	77.1%
05-5031-**-**-**	Safety Supplies	1,004	-	1,004	-
05-5034-**-**-**	Travel Expense/Tech. Conferences	5,592	1,023	4,569	18.3%
05-5035-**-**-**	Training Expense	2,500	-	2,500	-
05-5036-**-**-**	Laboratory Supplies	35,000	5,083	29,917	14.5%
05-5038-**-**-**	Permits	275,000	-	275,000	-
05-5039-**-**-**	Membership Dues/Fees	2,000	-	2,000	-
05-5044-**-**-**	Offshore Monitoring	40,000	17,652	22,348	44.1%
05-5045-**-**-**	Offshore Biochemistry - 20B	15,004	-	15,004	-
05-5046-**-**-**	Effluent Chemistry	22,496	1,421	21,076	6.3%
05-5058-**-**-**	Maintenance Equip. & Facilities (Common)	1,004	-	1,004	-
05-6500-**-**-**	IT Allocations in to PC's & Depts.	13,148	2,340	10,808	17.8%
	Total Other Expenses	558,680	44,608	514,072	8.0%
	Total Expenses	724,384	94,671	629,713	13.1%
08 - Pre Treatment					
Salary and Fringe					
08-5000-**-**-**	Regular Salaries-O&M	116,396	27,008	89,388	23.2%
08-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	60,716	14,089	46,627	23.2%
	Total Payroll Costs	177,112	41,097	136,015	23.2%
Other Expenses					
08-5011-**-**-**	Laboratory Services	3,004	1,440	1,564	47.9%
08-5015-**-**-**	Management Support Services	20,004	-	20,004	-
08-5017-**-**-**	Legal Fees	2,672	-	2,672	-
08-5018-**-**-**	Public Notices/ Public Relations	3,732	-	3,732	-
08-5021-**-**-**	Small Vehicle Expense - 31A	1,100	-	1,100	-
08-5022-**-**-**	Miscellaneous Expense	1,984	-	1,984	-
08-5026-**-**-**	Small Vehicle Fuel - 37A	1,256	-	1,256	-
08-5027-**-**-**	Insurance - Property/Liability	6,141	4,735	1,406	77.1%
08-5028-**-**-**	Small Tools & Supplies	3,600	-	3,600	-
08-5034-**-**-**	Travel Expense/Tech. Conferences	3,496	-	3,496	-
08-5035-**-**-**	Training Expense	2,000	-	2,000	-
08-5038-**-**-**	Permits and Fines	504	-	504	-
08-5039-**-**-**	Membership Dues/Fees	796	110	686	13.8%
08-6500-**-**-**	IT Allocations in to PC's & Depts.	14,092	2,508	11,584	17.8%
	Total Other Expenses	64,381	8,793	55,588	13.7%
	Total Expenses	241,493	49,890	191,603	20.7%
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-**-**-**	Regular Salaries-O&M	88,952	5,423	83,529	6.1%
12-5401-**-**-**	Fringe Benefits IN to PC's & Depts.	46,400	2,829	43,571	6.1%
	Total Payroll Costs	135,352	8,252	127,100	6.1%
Other Expenses					
12-5014-**-**-**	Engineering - Misc.	-	-	-	-
12-5015-**-**-**	Management Support Services	164,996	-	164,996	-
12-5017-**-**-**	Legal Fees	2,000	-	2,000	-
12-5027-**-**-**	Insurance - Property/Liability	8,884	6,850	2,034	77.1%
12-5034-**-**-**	Travel Expense/Tech. Conferences	4,796	-	4,796	-
12-5038-**-**-**	Permits	22,508	-	22,508	-
12-5039-**-**-**	Membership Dues/Fees	68	-	68	-
12-6500-**-**-**	IT Allocations in to PC's & Depts.	10,764	1,915	8,849	17.8%
	Total Other Expenses	214,016	8,765	205,251	4.1%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended September 30, 2022
 (in dollars)

	FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended	
Total Expenses	349,368	17,017	332,351	4.9%	
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-**-***	Regular Salaries-O&M	954,888	224,560	730,328	23.5%
15-5001-**-***	Overtime Salaries-O&M	11,216	6,581	4,635	58.7%
15-5306-**-***	Scheduled Holiday Work	15,672	1,427	14,246	9.1%
15-5315-**-***	Comp Time - O&M	1,996	1,079	917	54.1%
15-5401-**-***	Fringe Benefits IN to PC's & Depts.	498,120	117,141	380,979	23.5%
15-5700-**-***	Standby Pay	17,000	3,283	13,718	19.3%
	Total Payroll Costs	1,498,892	354,071	1,144,821	23.6%
Other Expenses					
15-5002-**-***	Electricity	235,000	81,257	153,743	34.6%
15-5003-**-***	Natural Gas	3,000	128	2,872	4.3%
15-5004-**-***	Potable & Reclaimed Water	25,004	5,286	19,718	21.1%
15-5006-**-***	Chlorine/Sodium Hypochlorite	90,000	38,891	51,109	43.2%
15-5007-**-***	Polymer Products	1,000	-	1,000	-
15-5008-**-***	Ferric Chloride	70,000	35,482	34,518	50.7%
15-5009-**-***	Odor Control Chemicals	52,004	10,830	41,174	20.8%
15-5011-**-***	Laboratory Services	20,000	449	19,551	2.2%
15-5012-**-***	Grit Hauling	21,004	5,323	15,681	25.3%
15-5013-**-***	Landscaping	57,000	9,763	47,237	17.1%
15-5015-**-***	Management Support Services	11,500	4	11,496	0.0%
15-5017-**-***	Legal Fees	5,000	621	4,379	12.4%
15-5019-**-***	Contract Services Misc.	110,000	26,393	83,607	24.0%
15-5021-**-***	Small Vehicle Expense - 31A	4,004	43	3,961	1.1%
15-5022-**-***	Miscellaneous Expense	1,000	-	1,000	-
15-5023-**-***	Office Supplies - All	4,004	1,262	2,742	31.5%
15-5024-**-***	Petroleum Products	3,000	4,110	(1,110)	137.0%
15-5025-**-***	Uniforms	9,000	2,854	6,146	31.7%
15-5026-**-***	Small Vehicle Fuel	2,000	675	1,325	33.8%
15-5027-**-***	Insurance - Property/Liability	72,916	56,222	16,694	77.1%
15-5028-**-***	Small Tools & Supplies	9,000	4,344	4,656	48.3%
15-5030-**-***	Trash Disposal	2,996	466	2,530	15.5%
15-5031-**-***	Safety Supplies	32,804	10,370	22,434	31.6%
15-5032-**-***	Equipment Rental	1,000	-	1,000	-
15-5033-**-***	Recruitment	312	-	312	-
15-5034-**-***	Travel Expense/Tech. Conferences	13,072	403	12,669	3.1%
15-5035-**-***	Training Expense	17,148	2,071	15,077	12.1%
15-5036-**-***	Laboratory Supplies	14,000	8,524	5,476	60.9%
15-5037-**-***	Office Equipment	2,996	2,655	341	88.6%
15-5038-**-***	Permits	6,996	2,109	4,888	30.1%
15-5039-**-***	Membership Dues/Fees	4,800	563	4,237	11.7%
15-5047-**-***	Access Road Expenses	45,000	-	45,000	-
15-5048-**-***	Storm Damage	21,000	-	21,000	-
15-5050-**-***	Contract Services Generators	5,000	4,051	949	81.0%
15-5052-**-***	Janitorial Services	12,004	2,799	9,205	23.3%
15-5054-**-***	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-**-***	Diesel Truck Fuel - 37B	500	-	500	-
15-5057-**-***	Maintenance Equip. & Facilities (Liquids)	144,996	22,831	122,165	15.7%
15-5058-**-***	Maintenance Equip. & Facilities (Common)	23,000	2,188	20,812	9.5%
15-5060-**-***	Maintenance Equip. & Facilities (AWT)	38,000	18,266	19,734	48.1%
15-5061-**-***	Mileage	500	123	377	24.7%
15-5076-**-***	SCADA Infrastructure	32,296	-	32,296	-
15-5077-**-***	IT Direct	15,000	-	15,000	-
15-5303-**-***	Group Insurance Waiver	3,600	914	2,686	25.4%
15-5305-**-***	Medicare Tax Payments for Employees	2,240	514	1,726	23.0%
15-5705-**-***	Monthly Car Allowance	4,200	1,066	3,134	25.4%
15-6500-**-***	IT Allocations in to PC's & Depts.	118,660	21,115	97,545	17.8%
	Total Other Expenses	1,368,556	384,965	983,591	28.1%
Total Expenses	2,867,448	739,035	2,128,413	25.8%	
17 - Joint Regional Wastewater Reclamation and Sludge Handling					
Salary and Fringe					
17-5000-**-***	Regular Salaries-O&M	1,844,716	421,831	1,422,885	22.9%
17-5001-**-***	Overtime Salaries-O&M	34,472	18,877	15,595	54.8%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended September 30, 2022
 (in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
17-5306-**-***	Scheduled Holiday Work	32,244	5,681	26,563	17.6%
17-5315-**-***	Comp Time - O&M	6,868	659	6,209	9.6%
17-5401-**-***	Fringe Benefits IN to PC's & Depts.	962,288	220,047	742,241	22.9%
17-5700-**-***	Standby Pay	27,000	6,728	20,273	24.9%
	Total Payroll Costs	<u>2,907,588</u>	<u>673,822</u>	<u>2,233,766</u>	<u>23.2%</u>
Other Expenses					
17-5002-**-***	Electricity	484,000	94,834	389,166	19.6%
17-5003-**-***	Natural Gas	100,072	56,964	43,108	56.9%
17-5004-**-***	Potable & Reclaimed Water	36,000	7,655	28,345	21.3%
17-5005-**-***	Co-generation Power Credit	(1,050,004)	(295,573)	(754,431)	28.1%
17-5006-**-***	Chlorine/Sodium Hypochlorite	455,000	157,179	297,821	34.5%
17-5007-**-***	Polymer Products	469,004	185,784	283,220	39.6%
17-5008-**-***	Ferric Chloride	363,004	142,443	220,561	39.2%
17-5009-**-***	Odor Control Chemicals	42,000	19,601	22,399	46.7%
17-5010-**-***	Other Chemicals - Misc.	1,004	-	1,004	-
17-5011-**-***	Laboratory Services	23,008	719	22,289	3.1%
17-5012-**-***	Grit Hauling - 21A	44,000	11,571	32,429	26.3%
17-5013-**-***	Landscaping	85,004	11,813	73,191	13.9%
17-5015-**-***	Management Support Services	24,996	4	24,992	0.0%
17-5017-**-***	Legal Fees	5,004	6,971	(1,967)	139.3%
17-5019-**-***	Contract Services Misc.	110,000	26,699	83,301	24.3%
17-5021-**-***	Small Vehicle Expense	7,000	5,628	1,372	80.4%
17-5022-**-***	Miscellaneous Expense	5,004	1,121	3,883	22.4%
17-5023-**-***	Office Supplies - All	13,004	3,189	9,815	24.5%
17-5024-**-***	Petroleum Products	20,000	3,331	16,669	16.7%
17-5025-**-***	Uniforms	27,996	9,860	18,136	35.2%
17-5026-**-***	Small Vehicle Fuel	9,004	1,467	7,537	16.3%
17-5027-**-***	Insurance - Property/Liability	199,964	154,182	45,782	77.1%
17-5028-**-***	Small Tools & Supplies	30,000	6,816	23,184	22.7%
17-5030-**-***	Trash Disposal	2,504	830	1,674	33.2%
17-5031-**-***	Safety Supplies	38,652	14,699	23,953	38.0%
17-5032-**-***	Equipment Rental	3,004	3,679	(675)	122.5%
17-5033-**-***	Recruitment	1,004	483	521	48.1%
17-5034-**-***	Travel Expense/Tech. Conferences	20,592	898	19,694	4.4%
17-5035-**-***	Training Expense	25,148	3,181	21,967	12.7%
17-5036-**-***	Laboratory Supplies	25,144	10,797	14,347	42.9%
17-5037-**-***	Office Equipment	9,996	-	9,996	-
17-5038-**-***	Permits	15,000	2,199	12,801	14.7%
17-5039-**-***	Membership Dues/Fees	5,804	1,497	4,307	25.8%
17-5049-**-***	Biosolids Disposal	881,996	272,974	609,022	30.9%
17-5050-**-***	Contract Services Generators - 29A	13,004	-	13,004	-
17-5052-**-***	Janitorial Services	42,000	6,078	35,922	14.5%
17-5054-**-***	Diesel Truck Maint	19,000	8,096	10,904	42.6%
17-5055-**-***	Diesel Truck Fuel	8,000	3,894	4,106	48.7%
17-5056-**-***	Maintenance Equip. & Facilities (Solids)	211,000	26,050	184,950	12.3%
17-5057-**-***	Maintenance Equip. & Facilities (Liquids)	215,000	54,482	160,518	25.3%
17-5058-**-***	Maintenance Equip. & Facilities (Common)	36,000	6,450	29,550	17.9%
17-5059-**-***	Maintenance Equip. & Facilities (Co-Gen)	438,996	151,865	287,131	34.6%
17-5060-**-***	Maintenance Equip. & Facilities (AWT)	50,000	12,090	37,910	24.2%
17-5061-**-***	Mileage	1,004	136	868	13.5%
17-5068-**-***	MNWD Potable Water Supplies & Svcs.	44,000	5,107	38,893	11.6%
17-5076-**-***	SCADA Infrastructure	32,000	-	32,000	-
17-5077-**-***	IT Direct	15,000	-	15,000	-
17-5105-**-***	Co-Generation Power Credit - Offset	1,050,000	295,573	754,427	28.1%
17-5303-**-***	Group Insurance Waiver	7,196	1,828	5,368	25.4%
17-5305-**-***	Medicare Tax Payments for Employees	148	-	148	-
17-5309-**-***	Operating Leases	6,004	-	6,004	-
17-5705-**-***	Monthly Car Allowance	8,400	2,132	6,268	25.4%
17-6500-**-***	IT Allocations in to PC's & Depts.	226,420	40,290	186,130	17.8%
	Total Other Expenses	<u>4,956,080</u>	<u>1,537,566</u>	<u>3,418,514</u>	<u>31.0%</u>
	Total Expenses	<u>7,863,668</u>	<u>2,211,388</u>	<u>5,652,280</u>	<u>28.1%</u>
21 - Effluent Transmission Main					
Salary and Fringe					
21-5000-**-***	Regular Salaries-O&M	1,156	-	1,156	-
21-5401-**-***	Fringe Benefits IN to PC's & Depts.	600	-	600	-

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended September 30, 2022
 (in dollars)

	FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Total Payroll Costs	1,756	-	1,756	0.0%
Other Expenses				
21-5019.**.**.**	18,996	-	18,996	-
21-5027.**.**.**	-	-	-	-
Contract Services Misc.				
Insurance - Property/Liability				
Total Other Expenses	18,996	-	18,996	0.0%
Total Expenses	20,752	-	20,752	0.0%
24 - Aliso Creek Ocean Outfall				
Salary and Fringe				
24-5000.**.**.**	117,060	26,506	90,554	22.6%
24-5001.**.**.**	620	20	600	3.2%
24-5306.**.**.**	276	-	276	-
24-5401.**.**.**	61,060	13,827	47,233	22.6%
Fringe Benefits IN to PC's & Depts.				
Total Payroll Costs	179,016	40,353	138,663	22.5%
Other Expenses				
24-5015.**.**.**	125,004	2,217	122,787	1.8%
24-5017.**.**.**	2,008	671	1,337	33.4%
24-5027.**.**.**	17,884	13,789	4,095	77.1%
24-5031.**.**.**	1,004	-	1,004	-
24-5034.**.**.**	5,592	1,023	4,569	18.3%
24-5035.**.**.**	904	-	904	-
24-5036.**.**.**	26,000	3,291	22,709	12.7%
24-5038.**.**.**	247,400	-	247,400	-
24-5039.**.**.**	5,844	-	5,844	-
24-5044.**.**.**	40,000	14,132	25,868	35.3%
24-5045.**.**.**	15,000	-	15,000	-
24-5046.**.**.**	22,496	843	21,653	3.7%
24-5058.**.**.**	1,004	-	1,004	-
24-6500.**.**.**	14,172	2,522	11,650	17.8%
Maintenance Equip. & Facilities (Common) 41-C				
IT Allocations in to PC's & Depts.				
Total Other Expenses	524,312	38,487	485,825	7.3%
Total Expenses	703,328	78,840	624,488	11.2%
Total O&M Expenses	19,339,320	4,902,643	14,436,677	25.4%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended September 30, 2022

- (1)
- (2)
- (3)
- (4)
- (5)
- (6)
- (7)
- (8)
- (9)
- (10)
- (11)

South Orange County Wastewater Authority
Budget vs. Actual Comparison - Engineering
 For the Period Ended September 30, 2022
 (in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	161,205	31,659	129,546	19.6%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	84,092	16,515	67,577	19.6%
	Total Payroll Costs	245,297	48,174	197,123	19.6%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	402	2,782	12.6%
01-5023-03-00-00	Office Supplies - All	208	-	208	-
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	-	6,439	-
01-5035-03-00-00	Training Expense	2,244	-	2,244	-
01-5037-03-00-00	Office Equipment	408	-	408	-
01-5039-03-00-00	Membership Dues/Fees	1,377	-	1,377	-
01-5061-03-00-00	Mileage	510	23	487	4.6%
01-5309-03-00-00	Operating Leases	9,300	3,302	5,998	35.5%
01-5705-03-00-00	Monthly Car Allowance	4,200	565	3,635	13.5%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	52,639	9,367	43,272	17.8%
	Total Other Expenses	81,127	13,659	67,467	16.8%
	Total Engineering Expenses	326,424	61,833	264,591	18.9%

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

For the Period Ended September 30, 2022

(in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	974,150	223,532	750,617	22.9%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	6,127	3,873	61.3%
01-6315-04-00-00	Comp Time - Admin	5,000	281	4,719	5.6%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	508,162	116,605	391,557	22.9%
	Total Payroll Costs	1,497,312	346,546	1,150,766	23.1%
Other Expenses					
01-6018-04-00-00	Public Notices/ Public Relations	3,270	-	3,270	-
01-6101-04-00-00	HR Recruitment & Employee Relations	29,190	459	28,731	1.6%
01-6102-04-00-00	Subscriptions	2,533	221	2,311	8.7%
01-6103-04-00-00	Contract Labor/Temp Labor	30,000	3,825	26,175	12.8%
01-6200-04-00-00	Management Support Services	50,000	923	49,077	1.8%
01-6201-04-00-00	Audit	46,000	1,500	44,500	3.3%
01-6202-04-00-00	Legal	200,000	63,478	136,522	31.7%
01-6204-04-00-00	Postage	1,500	344	1,156	22.9%
01-6223-04-00-00	Office Supplies - Admin	4,294	1,127	3,167	26.3%
01-6224-04-00-00	Office Equipment	6,000	217	5,783	3.6%
01-6234-04-00-00	Memberships & Trainings	95,912	46,585	49,327	48.6%
01-6239-04-00-00	Travel & Conference	25,000	1,988	23,012	8.0%
01-6241-04-00-00	Education Reimbursement	4,500	-	4,500	-
01-6310-04-00-00	Miscellaneous	20,000	5,681	14,319	28.4%
01-6311-04-00-00	Mileage	569	29	540	5.1%
01-6317-04-00-00	Contract Services Misc	5,573	1,350	4,223	24.2%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	117,968	20,992	96,977	17.8%
01-6601-04-00-00	Shipping/Freight	4,382	-	4,382	-
01-6705-04-00-00	Monthly Car Allowance	12,000	3,046	8,954	25.4%
	Total Other Expenses	658,691	151,766	506,925	23.0%
Total Admin Expenses		2,156,003	498,312	1,657,691	23.1%

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
 For the Period Ended September 30, 2022
 (in dollars)

		FY 2022-23 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	106,310	26,006	80,304	24.5%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	55,456	13,566	41,890	24.5%
	Total Salary & Fringe	161,767	39,573	122,194	24.5%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	-	1,000	-
01-6035-05-00-00	Training Expense	3,000	-	3,000	-
01-6224-05-00-00	Office Equipment	600	-	600	-
01-6234-05-00-00	Memberships & Trainings	12,850	-	12,850	-
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	60,433	14,094	46,339	23.3%
01-6301-05-00-00	Hardware Maintenance Agreements	14,186	-	14,186	-
01-6302-05-00-00	Cloud Subscriptions (Internet)	181,766	14,551	167,215	8.0%
01-6303-05-00-00	Telecommunications	164,582	36,335	128,247	22.1%
01-6305-05-00-00	IT Professional Services	53,500	6,511	46,989	12.2%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	28,900	3,861	25,039	13.4%
01-6307-05-00-00	Small Software Purchases & Licenses(<\$5k)	26,444	9,295	17,149	35.1%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	14,343	49,830	22.4%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	-	205	(205)	-
	Total Other Expenses	618,094	99,195	518,899	16.0%
	Total Expenses before Allocation	779,860	138,767	641,093	17.8%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(779,860)	(138,767)	(641,093)	17.8%
	Total IT Allocations (Out) to PC's & Depts	(779,860)	(138,767)	(641,093)	17.8%

**South Orange County Wastewater Authority
Cash Reconciliation
Fiscal Year End 2017, 2018, 2019, 2020, 2021, 2022 & Preliminary Q1 2023**

	6/30/2016	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021	6/30/2022	9/30/2022	Change +/-	% Change
(1) Cash on Hand (G/L Balance)¹	\$5,777,486	\$12,949,694	\$13,557,237	\$20,857,094	\$22,361,420	\$15,190,921	\$10,485,283	\$7,148,390	(\$3,336,893)	-31.8%
Accounts Payable	(2,453,079)	(2,682,688)	(2,314,106)	(1,981,080)	(3,531,550)	(5,882,659)	(2,451,972)	(684,927)		
Accrued Payroll	(129,958)	(102,661)	(127,396)	(100,221)	(160,049)	(224,996)	(245,023)	(141,343)		
Accounts Receivable	316,772	1,069,282	1,660,444	14,179	49,286	59,478	56,072	652,687		
(2) PTO Reserves	(684,767)	(653,282)	(620,032)	(683,536)	(734,477)	(877,242)	(815,201)	(654,074)		
Due to Mbr Agency	(1,692,399)	(1,358,841)	(3,910,599)	(2,475,322)	(1,656,822)	(4,096,390)	(1,720,819)	(1,720,819)		
Due From Mbr Agency	1,316,255	1,069,819	2,433,322	856,669	870,004	1,280,615	840,732	840,732		
Mbr Agency Refund held for FY 19-20				(1,068,028)						
LAIF Fair Value Adjustment	311,131					(1,156)	117,343			
Prepaid	65,614	65,082	204,867	211,725	155,939	198,709	290,794	504,062		
Petty Cash							(1,600)	(1,600)		
Deposits	18,000	19,500								
(3) Available Cash	2,845,055	10,375,905	10,883,737	15,631,481	17,353,752	\$5,647,281	\$6,555,608	\$5,943,107		
(4) Large Capital Cash as of June 30th 2017, 2018, 2019, 2020, 2021, 2022	2,223,007	9,168,439	8,793,369	15,067,539	15,616,950	6,973,860	6,545,659	6,340,392	(205,267)	-3.1%
Non Capital Engineering Cash Balance	0	295,062	(81,041)							
Moulton Niguel Non Capital Engineering Accounts Receivable		(21,831)	(22,416)							
Moulton Niguel Large Capital Accounts Receivable		649,490	1,382,368							
Use Audit Settlement			216,467			(1,511,608)	(122,690)	(122,690)		
Use Audit Settlement	211,626	(49,931)	(49,931)							
(5) Total Large Capital Cash	2,434,633	10,041,229	10,238,817	15,067,539	15,616,950	5,462,252	6,422,969	6,217,702		
(6) Small Capital Carryover	129,000	(129,000)		172,996	565,000	161,729				
Non-Capital Carryover					369,508	203,442				
Non-Capital Misc. Carryover					252,298	132,113	90,000	90,000		
Cash Collected for PC 2 Zephyr Wall		76,318		76,318						
Other misc., fringe adj., interest adj., etc.		22,331	(4,916)			1,001				
Small Capital Cash Collected in Excess of Expenditures						547,506		125,852		
Non Capital Cash Collected in Excess of Expenditures						9,110		17,028		
Non Capital Misc Cash Collected in Excess of Expenditures						52,266		(11,600)		
O&M Cash Collected in Excess of Expenditures						215,060		200,000		
O&M, Small Cap, Non-Cap, Non-Cap Misc Use Audit Settlement						(1,304,166)		(757,397)		
O&M, Small Cap, Non-Cap, Non-Cap Misc Cash Collected in Excess of Expenditures										
Net Cash as of June 30th 2017, 2018, 2019, 2020, 2021, 2022	2,563,633	10,010,879	10,233,900	15,316,853	16,803,755	5,480,313	6,512,969	5,881,585		
(7) Difference	\$281,422	\$365,027	\$649,837	\$314,628	\$549,996	\$166,969	\$42,640	\$61,522		
Additional Cash Is:										
Prior Balance		\$281,422	\$365,027	\$649,837	\$314,628	\$549,996	\$166,969	\$42,640		
Payment to Member Agencies				(649,837)	(314,628)	(549,996)	(166,969)			
County of Orange Bankruptcy Payment	18,714									
County of Orange Admin Fees	13,626									
County of Orange Access Maintenance	3,000									

**South Orange County Wastewater Authority
Cash Reconciliation
Fiscal Year End 2017, 2018, 2019, 2020, 2021, 2022 & Preliminary Q1 2023**

	6/30/2016	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021	6/30/2022	9/30/2022	Change +/-	% Change
City of Laguna Niguel Heat Transfer	31,320									
SMWD Lab Fees	17,820									
Coke machine	30									
FEMA Reimbursement			136,995		9,277					
CA State Cost Reimbursement					15,356					
Interest Income Received	24,587	45,294	114,150	249,482	405,052	74,802	21,004	5		
Recycling Income	16,710	11,708	2,112	1,618	1,966.23	2,947	2,599			
PC 23 Admin Payment		9,135				5,300	5,450	5,600		
Mutual Omaha Refund		8,034								
Interest received for 4th qtr		4,934	25,256	52,302	113,947	83,920	10,300	19,358		
LAIF Interest Adj.		3,000								
Grant Revenue SoCal Edison		1,500								
Other misc. expenses					(4,277)		(2,413)	(6,081)		
Sale of Fixed Assets	20,289		6,297	11,226	8,675		5,700			
Other misc adjustments	135,326									
Total Other Cash	\$281,422	\$365,027	\$649,837	\$314,628	\$549,996	\$166,969	\$42,640	\$61,522		

0

¹Cash on hand decreased \$3.3 million or 32% due to completion and progress on capital projects.

Preliminary Cash Roll Forward Notes Q1 FY 2022-23

1. Cash on Hand from Net Position Statement and reconciled to the Bank Statement
2. Adjustment for Current Assets and Liabilities, Obligations against the Cash (accounts payable, payroll accruals, Use Audit Due (To) Member Agencies; the offset to these items is in the Use Audit as an Expense or in Construction-in-Progress if Capital related.)
Amounts due to the Authority, Accounts Receivable, Use Audit Due From Member Agencies, Prepaids and Deposits.
3. Available Cash (Item 1 above less Item 2). The Authority does not carry Cash Reserves; there is some carryover cash for non-capital projects in-process at yearend. Large Capital Cash is held until project completion which could span several years.
4. Large Capital Cash is supported by a subsidiary report detailing by project committee, wastewater
 - a) Beginning Cash Balance from the Audited 6/30/2022 Cash Roll Forward
 - b) Contributions based on the quarterly capital billings
 - c) Actual expenditures
 - e) Net Cash balance
5. Total Large Capital Cash.
6. Small Capital, Non-Capital and Non-Capital Misc. Carryover.
7. Difference is additional cash from interest on LAIF account balance and sources other than Member Agencies.

Agenda Item

5.E.

Board of Directors Meeting

Meeting Date: November 3, 2022

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

This is a nine (9) 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. Quarterly Report on Key Operational Expenses

A seven (7) page overview of monthly expenses for key operational expenses with estimated projections for the Fiscal Year. The key parameters that are being tracked are Electricity, Odor Control, Polymer, Biosolids, Maintenance expenses (not including SOCWA staff labor), small capital purchases, and safety.

4. Beach Ocean Monitoring Report

5. Recycled Water Report

6. Pretreatment Report (September, October, and November 2022)

Fiscal Impact

No change.

Recommended Action: Receive and file the Operational Reports.

Monthly Operational Report

SOCWA Operational Report September, 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)	2.60	7.19	5.82	0.93	16.53
Effluent (mgd)	1.92	1.37	5.82	1.97	11.08
Peak Flow (mgd)	5.45	19.53	8.75	6.88	40.61
Influent BOD (mg/l)	282	300	301	360	
Influent TSS (mg/l)	416	330	359	324	
Effluent BOD (mg/l)	4.1	4.4	8.0	9.2	
Effluent TSS (mg/l)	3.0	5.5	6.8	7.5	
Effluent Turbidity (NTU)	1.8	3.9	3.4	3.8	

(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)	0.89	5.82		6.70
Days of Operation (days)	29	29		
Total Flow (million gallons)	26.6	174.5		201.0
Plant Irrigation (million gallons)	0.00	0.13	0.19	
AWT Time Online (%)	92.0	91.0		

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 September, 2022 (cont'd)

Biosolids Management

Biosolids Management Site	CTP	RTP	JBL	Totals
Synagro Compost (tons)		559.3	0.0	559.3
Nursery Products (tons)		485.3	425.7	911.0
Prima Deshecha (tons)		40.9	145.7	186.6
Other:Liberty Farms (tons)		0.0	101.7	101.7
Total Processed (tons)		1,085.6	673.0	1,758.6

Summary of Maintenance Activities

Task Type	CTP	RTP	JBL	Totals
Preventative Maintenance	178	259	421	858
Corrective Maintenance	37	57	109	203

Site Visitors

Visitor Types	CTP	RTP	JBL	Totals
Regulatory	0	0	0	0
Member Agency	0	1	0	1
Residents	0	0	0	0
Others	5	10	20	35
Tours #/Visitors	0	0	0	0

Grit Disposal Management

Grit & Screenings	CTP	RTP	JBL	Totals
Simi Valley Landfill (tons)	7.0	8.5	NA	15.5

Chemical and Energy Utilization

Chemical/Utility	CTP	RTP	JBL	Totals
Ferric Chloride (tons)	NA	NA	NA	0.0
Utility Power Purchase (kWh)	198,336	43,293	170,469	368,805
Cogen Power (kWh)		544,528	206,536	751,064
Natural Gas (Dth)	2	NA	1,395	1,396
Digester Gas to Engine (scfm)		7,738,938	2,025,590	9,764,528
Digester Gas to Boiler (scfm)		0		0
Digester Gas to Flares (scfm)		807,834	2,434,179	3,242,013
Digester Gas Power Savings		\$128,196		

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 September, 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	1.401	52.86%				1.40
EBSO	0.056	2.11%				0.06
SCWD	1.194	45.04%		1.591	23.59%	2.78
MNWD	0.000	0.00%	7.19	1.400	20.76%	8.59
CSJC				2.111	31.31%	2.11
SMWD				1.642	24.35%	1.64
Total	2.651	100.00%	7.19	6.745	100.00%	16.58

Total Agency Outfall Flows by Outfall System-Billing Flows

Agency	SJCOO (mgd)	SJCOO (%)	SJCOO Meter (mgd)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB				1.40	24.14%	1.40	
EBSO				0.06	0.96%	0.06	
SCWD	1.75	17.92%		0.43	7.43%	2.18	Includes Desalters
MNWD	2.14	21.84%		1.37	23.62%	3.51	
ETWD				1.56	26.87%	1.56	Direct Outfall Only
CSJC	2.50	25.55%				2.50	Includes Desalter
SMWD	1.65	16.91%				1.65	Includes Chiquita
CSC	1.74	17.78%				1.74	Direct Outfall Only
IRWD				0.98	16.97%	0.98	Direct Outfall Only
Total	9.78	100.00%	14.62	5.80	100.00%	15.59	

SOCWA Operational Report September, 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%	2.210	26.25%	2.111	31.31%	2.12	27.90%
MNWD	3.00	23.08%	1.400	16.63%	1.400	20.76%	1.40	18.44%
SCWD	3.75	28.85%	1.610	19.12%	1.591	23.59%	1.62	21.37%
SMWD	2.25	17.31%	3.200	38.00%	1.642	24.35%	2.45	32.29%
Total	13.00	100.00%	8.420	100.00%	6.745	100.00%	7.59	100.00%

Project Committee No. 2 Solids (JBL)

Agency	Own (lbs/d)	Own (%)	Budget (lbs/d)	Budget (%)	Month (lbs/d)	Month (%)	36 Month Rol. Avg. (lbs/d) (2)	36 Month Rol. Avg. (%)
CSJC	11,572	30.00%	5,884	22.54%	5,871	35.26%	6,360	23.15%
MNWD	8,340	21.62%	6,169	23.63%	3,974	23.86%	6,373	23.20%
SCWD	7,715	20.00%	5,584	21.39%	2,146	12.89%	5,995	21.83%
SMWD	10,946	28.38%	8,473	32.45%	4,662	27.99%	8,739	31.82%
Total	38,573	100.00%	26,110	100.00%	16,653	100.00%	27,467	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%	1.739	17.78%	1.650	15.97%
CSJC	11.08%	8.860	11.08%	2.499	25.55%	2.479	23.99%
MNWD(3)	15.51%	12.410	15.51%	2.137	21.84%	1.948	18.85%
SCWD	12.46%	9.970	12.46%	1.753	17.92%	1.792	17.34%
SMWD	44.32%	35.460	44.33%	1.654	16.91%	2.464	23.85%
Total	100.00%	80.000	100.00%	9.783	100.00%	10.332	100.00%

(1) Influent billing meter summary:

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

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

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

SOCWA Operational Report September, 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%	1.496	55.22%	1.401	52.86%	1.472	51.89%
EBSD	0.20	2.99%	0.060	2.21%	0.056	2.11%	0.069	2.42%
SCWD	2.00	29.85%	1.153	42.56%	1.194	45.04%	1.296	45.69%
MNWD	1.96	29.25%	0.000	0.00%	0.000	0.00%	0.000	0.00%
Total	6.70	100.00%	2.709	100.00%	2.651	100.00%	2.836	100.00%

Project Committee No. 17 Liquids (RTP)

Agency	Budget Liquids (mgd)	Budget Liquids (%)	Month Plant Influent (mgd)	Month Centrate (mgd)	Month Total (mgd)(1)	Month Total (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CLB	0.00716	0.0942%	0.0000	0.0108	0.0108	0.1476%	0.0133	0.1893%
EBSD	0.00001	0.0001%	0.0000	0.0004	0.0004	0.0059%	0.0006	0.0088%
SCWD	0.00427	0.0562%	0.0000	0.0092	0.0092	0.1257%	0.0118	0.1669%
ETWD	0.01562	0.2055%	0.0000	0.0146	0.0146	0.2009%	0.0157	0.2228%
MNWD	7.57236	99.6439%	7.1857	0.0673	7.2530	99.5199%	7.0055	99.4122%
Total	7.59942	100.0000%	7.1857	0.1023	7.2880	100.0000%	7.0470	100.0000%

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

SOCWA Operational Report September, 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%	4,406	11.89%	110,868	10.52%	136,151	12.49%
EBS	295	0.59%	177	0.48%	4,417	0.42%	6,352	0.58%
SCWD	4,480	8.96%	3,392	9.16%	94,460	8.96%	120,012	11.01%
ETWD	10,200	20.41%	5,305	14.32%	150,944	14.32%	160,346	14.71%
MNWD	29,395	58.82%	23,769	64.16%	693,482	65.78%	667,085	61.20%
Total	49,975	100.00%	37,049	100.00%	1,054,171	100.00%	1,089,947	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%	1.401	24.14%	1.472	28.46%
EBS	0.78%	0.390	0.78%	0.056	0.96%	0.069	1.32%
ETWD	16.30%	8.151	16.30%	1.560	26.87%	1.404	27.14%
IRWD	15.76%	7.880	15.76%	0.985	16.97%	1.124	21.74%
MNWD	43.85%	21.924	43.85%	1.371	23.62%	0.795	15.37%
SCWD	12.31%	6.155	12.31%	0.432	7.43%	0.309	5.98%
Total	100.00%	50.000	100.00%	5.804	100.00%	5.173	100.00%

SOCWA Operational Report September 2022 (cont'd)

Select Critical Equipment Repairs

JBL - PC2

Repaired exterior fencing windscreen damaged by high winds.
Repaired failing truck scale in Building #40.
Repaired corroded and failed section of the potable water line.
Troubleshoot Digester #2 flame arrestor.
Replaced clogged spray nozzles in the splitter box to reduce foaming.
Replaced corroded DAFT overflow sprayer system.
Troubleshoot leaking 9-side sludge feed valves.
Troubleshoot the 9-side grit sump pump.
Troubleshoot 4-side grit conveyor rollers.
Replaced failing 9-side Process Water valve.
Replaced the failing belt on the Digester #1 Mix Pump.
Repaired corroded and failed sludge transfer line.
Troubleshoot RSP #1 check valve.
Replaced broken section of the ferric chloride dosing system.
Troubleshoot and repaired 4-side Bar Rake #1.
Repaired failed gas feed systems for Boiler #1.
Replaced failing redux gearbox for Centrifuge #2.

CTP - PC15

Replaced failing and obsolete TDS on the AWT.
Replaced the supply power line to the oil storage area.
Replaced failing west grit auger
Replaced broken trough weirs on West Secondary #2.
Replaced failing aeration diffuser panels on West Secondary #2.
Troubleshoot sludge valve 15MOP13101.

RTP - PC17

Installed additional safety railing on the walkway leading up to the waste gas burners.
Troubleshoot malfunctioning laboratory hood vents.
Continued overhauling corroded equipment on Grit Tank #1.
Replaced a failing primary scum skimmer gearbox.
Rebuilt SET Pump #3, which had a failing and leaking mechanical seal.
Replaced the failing Applied Turbidity Sample Pump.
Replaced the failing Applied Chlorine Sample Pump.

Support Services - ALL PC'S

Troubleshoot West #2 MLSS probe at CTP.
Troubleshoot West #1 B Pass D.O. at CTP.
Replaced AWT Cell #5 backwashing e-stop at CTP.

SOCWA Operational Report September 2022 (cont'd)

Select Critical Equipment Repairs (cont'd)

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

Troubleshoot an inoperable Centrifuge #2 Control Panel at JBL.
Troubleshoot Scrubber # 1 bleach pump at JBL.
Run new fiber patch cable from Cogen Panel for new fiber loop at JBL.
Prepared DAF Compressor #1 for removal and overhaul at JBL.
Replaced failed DO probe on Aeration Tank #7 at JBL.
Replaced failed solenoid valve for Slide Gate 2A at JBL.
Replaced failed hour meter for East RAS Pump #2 at JBL.
Replaced failed Cogen NOx converter at RTP.
Troubleshoot Standby Generator stuck fuel gauge at RTP.
Troubleshoot Operations Building HVAC Unit #3 at RTP.
Troubleshoot Turblex Blower unscheduled shutdowns at RTP.
Troubleshoot failed AWT Cell #5 Trough Valve at RTP.
Replaced failed SET#2 pump pressure switch at RTP.
Replaced failed Digester #2 Gas Recirculation Blower hour meter at RTP.
Replaced failed Blower #1 soft starter at RTP.
Troubleshoot failed AWT Cell #1 spent backwash valve at RTP.
Troubleshoot failed non-potable water sump pump at RTP.
Troubleshoot failed AWT Bleach Pump at RTP.
Troubleshoot noisy WAS Pump #1 at RTP.
Replaced failed motor on RAS Pump #24 at RTP.

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

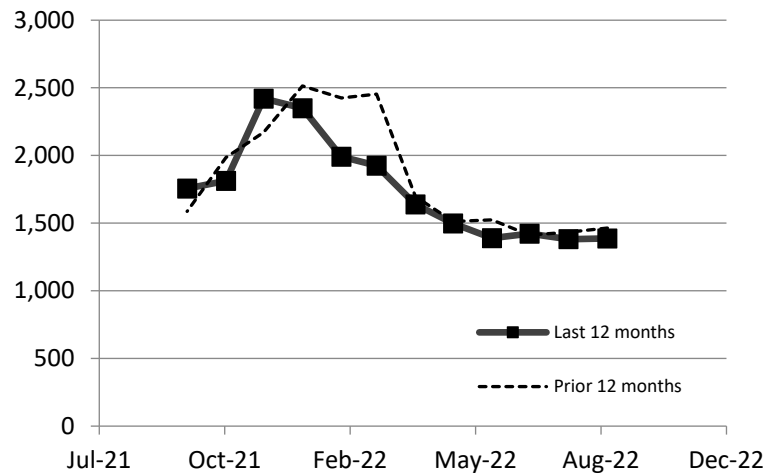
SOCWA Ocean Outfall Discharges by Agency

SOCWA Operational Report September, 2022 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.40	24.14%	1.40
EBSB			0.06	0.96%	0.06
SCWD	1.75	17.92%	0.43	7.43%	2.18
MNWD	2.14	21.84%	1.37	23.62%	3.51
ETWD			1.56	26.87%	1.56
CSJC	2.50	25.55%			2.50
SMWD	1.65	16.91%			1.65
CSC	1.74	17.78%			1.74
IRWD			0.98	16.97%	0.98
Total	9.78	100.00%	5.80	100.00%	15.59
or Acre-Feet per year equivalent					17,457

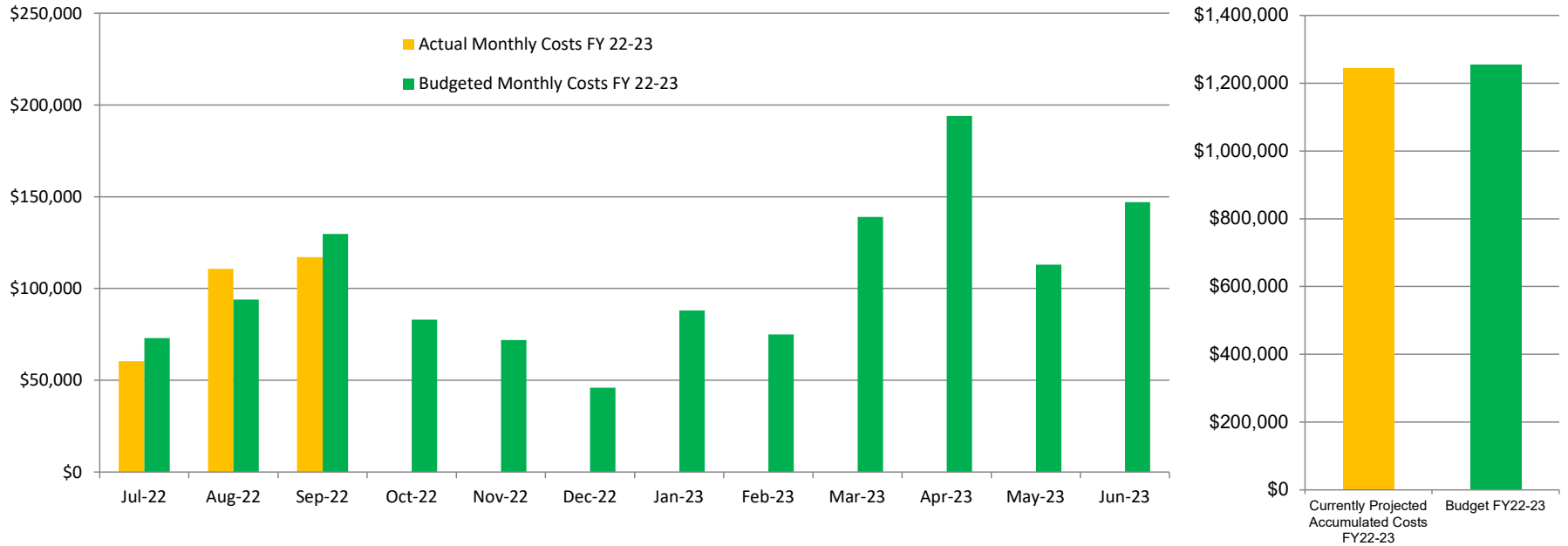
12-Month Running Total Discharge to Ocean Outfalls (AF)

Sep-22	1,386
Aug-22	1,382
Jul-22	1,422
Jun-22	1,389
May-22	1,498
Apr-22	1,638
Mar-22	1,924
Feb-22	1,991
Jan-22	2,349
Dec-21	2,420
Nov-21	1,813
Oct-21	1,756
Total	20,969



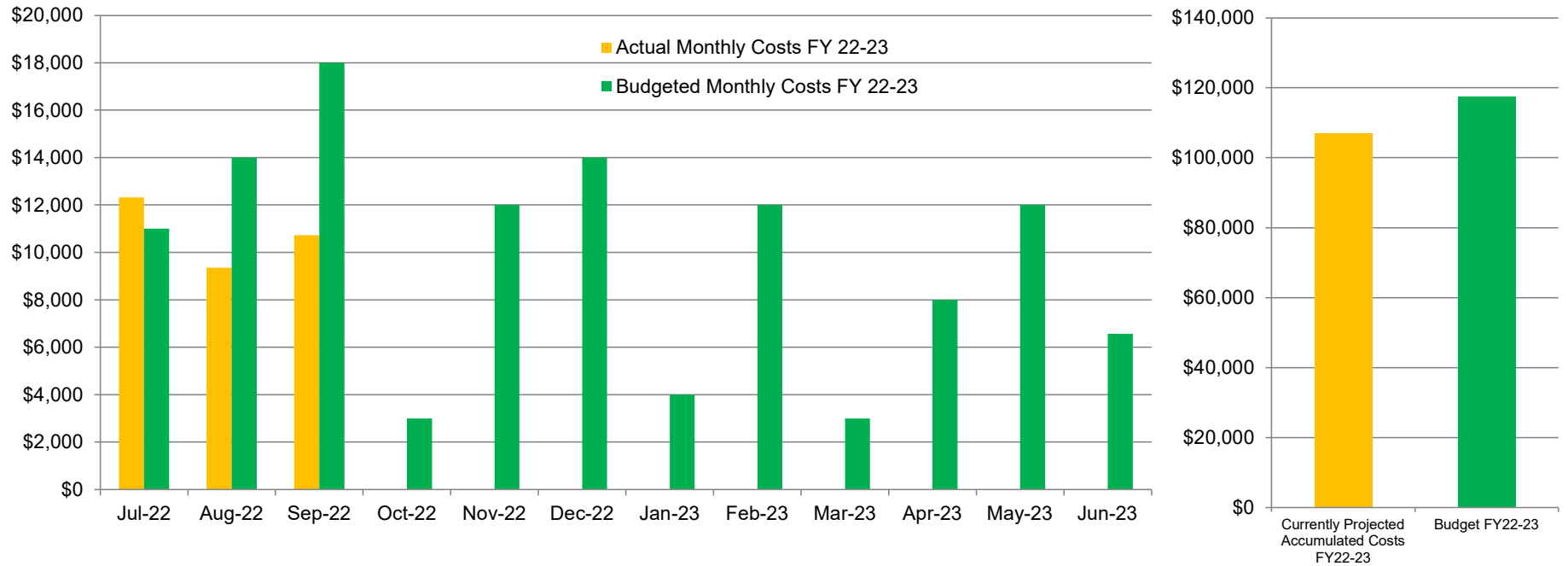
Quarterly Report on Key Operational Expenses

Electricity (5002) Costs



	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Currently Projected Accumulated Costs FY22-23	Budget FY22-23
Actual Monthly Costs FY 22-23	\$60,412	\$110,730	\$117,160										\$1,245,350	\$1,253,828
Budgeted Monthly Costs FY 22-23	\$73,000	\$94,000	\$129,780	\$83,000	\$72,000	\$46,000	\$88,000	\$75,000	\$139,000	\$194,000	\$113,048	\$147,000	Currently Projected Under(+)/Over (-) Budget	\$8,478

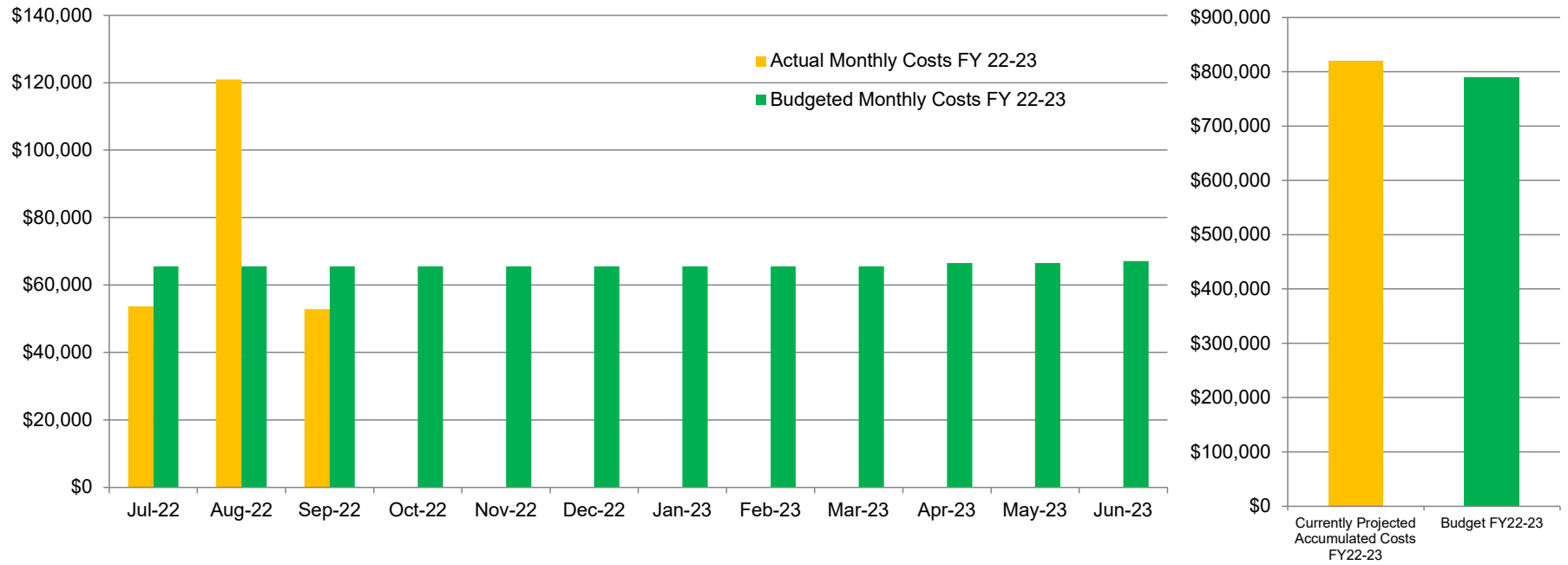
Odor Control (5009) Costs



	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Currently Projected Accumulated Costs FY22-23	Budget FY22-23
Actual Monthly Costs FY 22-23	\$12,315	\$9,358	\$10,726										\$106,972	\$117,572
Budgeted Monthly Costs FY 22-23	\$11,000	\$14,000	\$18,000	\$3,000	\$12,000	\$14,000	\$4,000	\$12,000	\$3,000	\$8,000	\$12,000	\$6,572	Currently Projected Under(+)/Over (-) Budget(1)	\$10,600

(1) Actual costs are coming in higher than budgeted due to supply chain, commodity shortages and fuel increases driving experienced costs higher than anticipated.

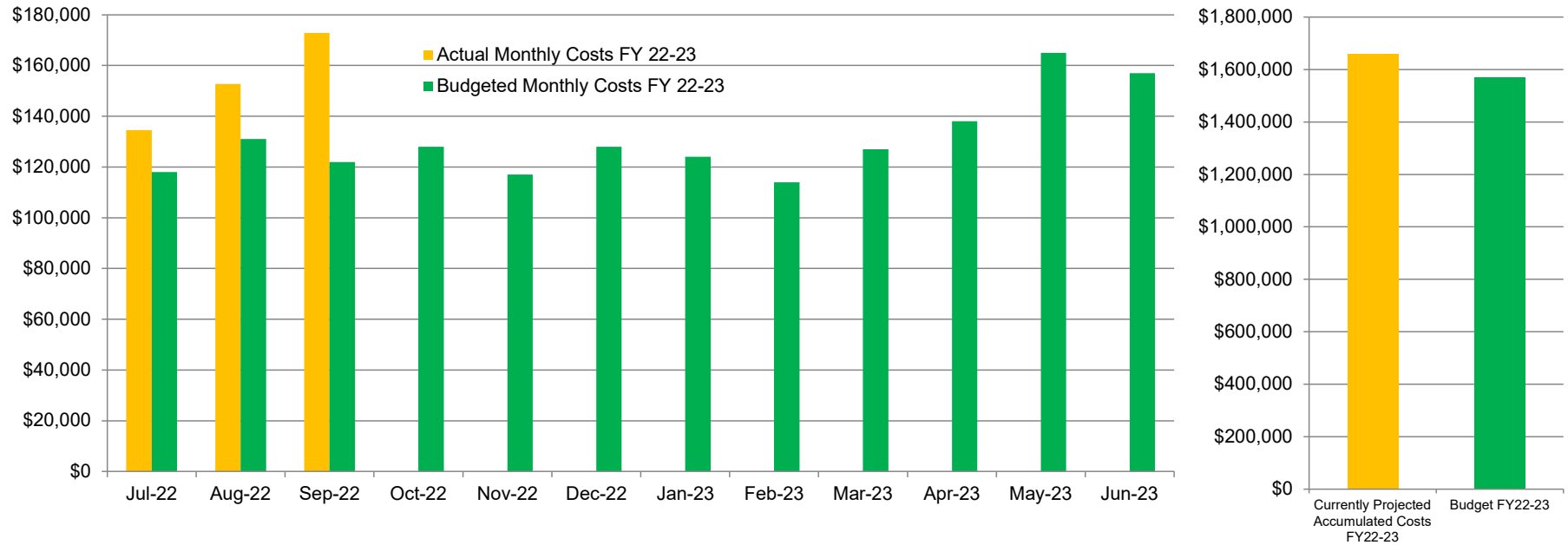
Polymer (5007) Costs



	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Currently Projected Accumulated Costs FY22-23	\$820,390
Actual Monthly Costs FY 22-23	\$53,617	\$120,928	\$52,797										Budget FY22-23	\$789,548
Budgeted Monthly Costs FY 22-23	\$65,500	\$65,500	\$65,500	\$65,500	\$65,500	\$65,500	\$65,500	\$65,500	\$65,500	\$66,500	\$66,500	\$67,048	Currently Projected Under(+)/Over (-) Budget(1)	-\$30,842

(1) Actual costs are coming in higher than budgeted due to supply chain, commodity shortages and fuel increases driving experienced costs higher than anticipated.

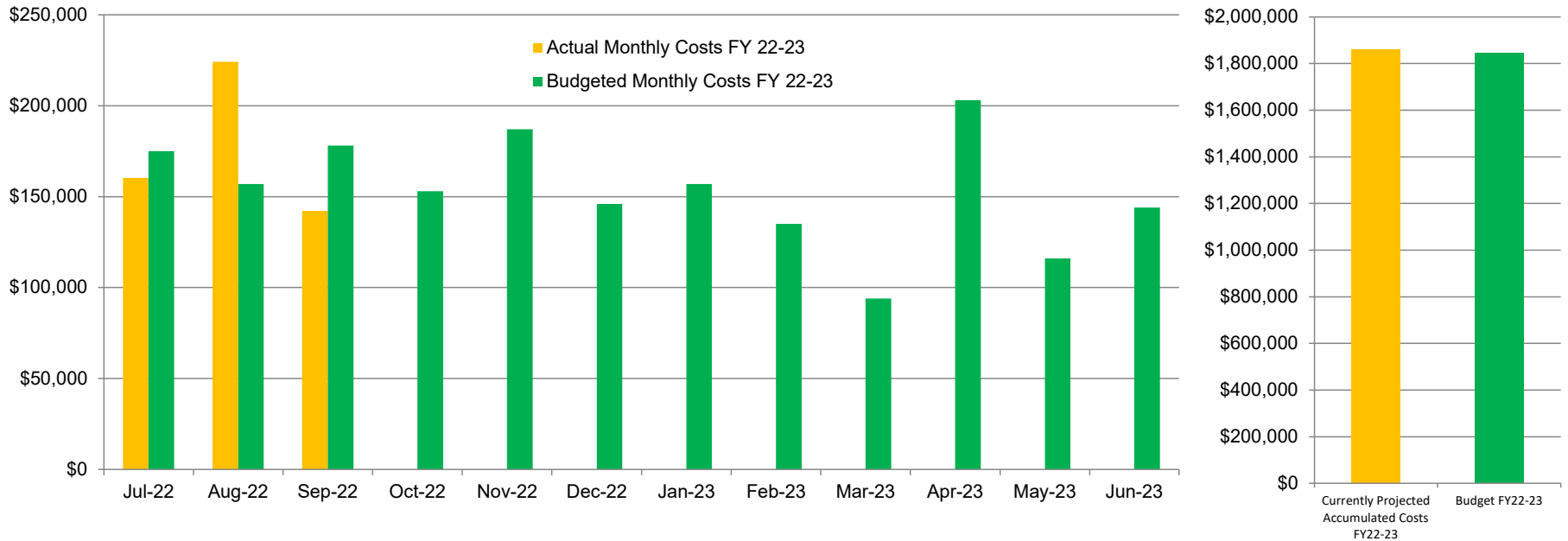
Biosolids (5049) Costs



	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Currently Projected Accumulated Costs FY22-23	\$1,658,095
Actual Monthly Costs FY 22-23	\$134,571	\$152,712	\$172,812										Budget FY22-23	\$1,568,996
Budgeted Monthly Costs FY 22-23	\$117,996	\$131,000	\$122,000	\$128,000	\$117,000	\$128,000	\$124,000	\$114,000	\$127,000	\$138,000	\$165,000	\$157,000	Currently Projected Under(+)/Over (-) Budget(1)	-\$89,099

(1) Actual costs are coming in higher than budgeted due to supply chain, commodity shortages and fuel increases driving experienced costs higher than anticipated.

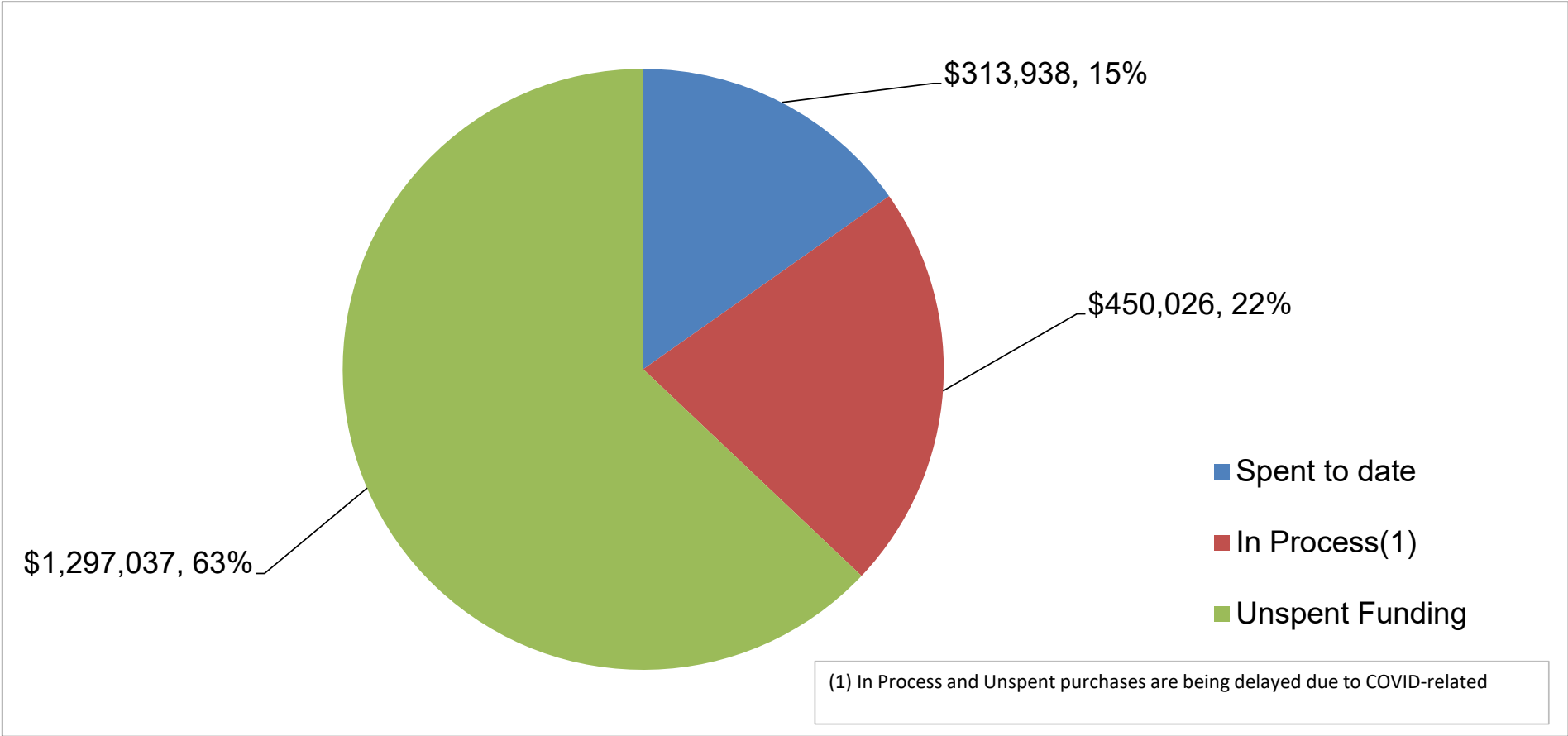
Maintenance Repair (5056 to 5060) Costs



	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Currently Projected Accumulated Costs FY22-23	Budget FY22-23
Actual Monthly Costs FY 22-23	\$160,210	\$224,167	\$142,122										\$1,861,499	\$1,845,000
Budgeted Monthly Costs FY 22-23	\$175,000	\$157,000	\$178,000	\$153,000	\$187,000	\$146,000	\$157,000	\$135,000	\$94,000	\$203,000	\$116,000	\$144,000	Currently Projected Under(+)/Over (-) Budget(1)	-\$16,499

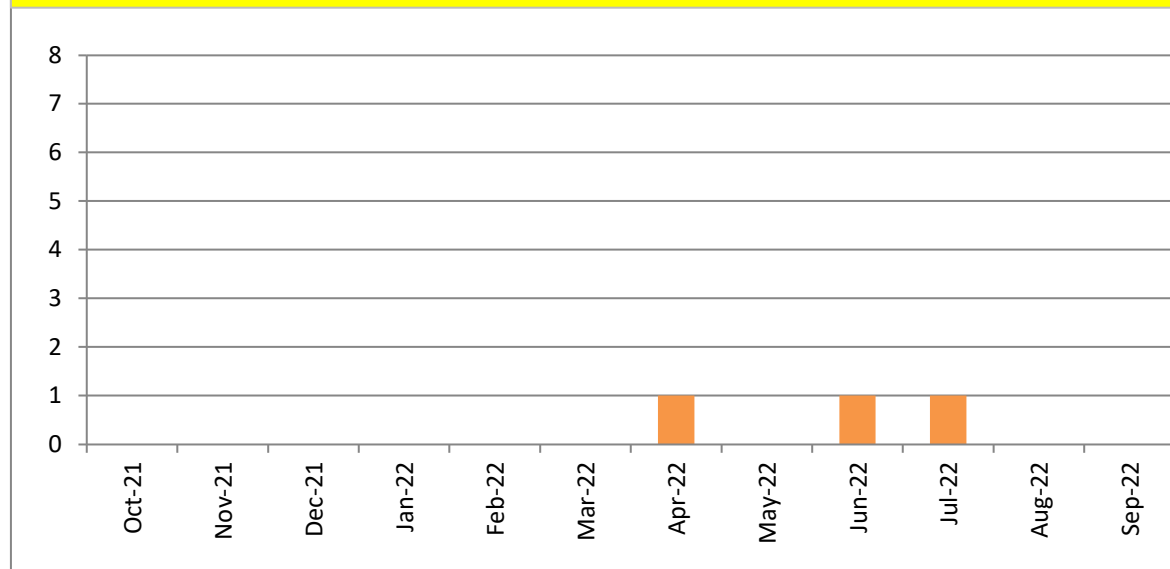
(1) Actual costs are coming in higher than budgeted due to supply chain, commodity shortages and fuel increases driving experienced costs higher than anticipated.

FY22-23 Small Internal Capital Costs



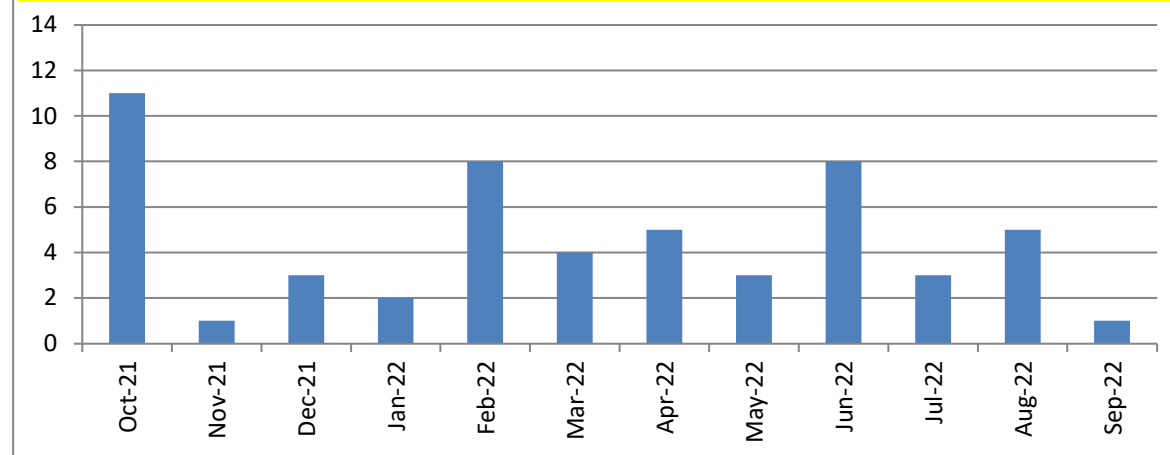
SOCWA SAFETY UPDATE - SEPTEMBER 2022

OSHA RECORDABLE INJURIES



	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
OSHA RECORDABLE INJURIES	0	0	0	0	0	0	1	0	1	1	0	0

NEAR MISS REPORTS



	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
NEAR MISS REPORTS	11	1	3	2	8	4	5	3	8	3	5	1

Updated: 10/3/2022

SAFETY TRAINING

TRAINING TOPIC	ATTENDANCE
September '22 - CPR/First Aid/AED Training (Initial and Refresher)	80% (of all SOCWA Employees)
July '22 - Annual 8-HR HAZWOPER Refresher Training	95%
June '22 - Active Shooter/Workplace Violence Training and SPCCP Spill Training	90% (of all SOCWA Employees)
May '22 - Annual Fire Extinguisher Use Training (hands-on training)	90% (of all SOCWA Employees)
April '22 - Annual Heat Illness Training (completed remotely)	90% (of all SOCWA Employees)
Mar '22 - Annual Bloodborne Pathogen (BBP) Training, completed remotely	90% (of all SOCWA Employees)
Feb '22 - Initial Fall Protection Training, Initial Forklift Training, Silica Safety Training	100%
Oct '21 - Annual Hearing Testing, Wildfire Safety/Wildfire Smoke Safety Training, Respirator Fit Testing	100%
Sept '21 - Annual BBP Training and Lifting Safety Training (with CSRMA, remotely)	90%
Aug '21 - Confined Space Rescue Refresher and Electrical Safety in the Workplace	100%
July '21 - Annual 8-HR HAZWOPER Refresher Training & Initial CPR/First Aid/AED Training	90%
Feb '21 - Annual Fire Extinguisher Use Training / March '21 Annual Heat Illness Training	95%
Oct/Nov '20 - Forklift Training and Additional ICS Training	95%
Sept '20 - CPR/First Aid/AED Training (Refresher and Initial)	95% (of all SOCWA employees)
Feb '20 - Active Shooter/Workplace Violence Training	95%
Feb '20 - Active Shooter/Workplace Violence Training	95%
Dec '19 - Annual Defensive Driving/Distracted Driving/DUIs Training (w/ CHP)	100%
Oct '19 - Fall Protection Training, Aditonal ICS Training, and Spill Training	90%
Sept '19 - Wildland Fire Training and CPR/First Aid/AED Training	90%
Aug '19 - Initial Confined Space Entry Rescue and Additional Active Shooter Training	95%
March '19 - Annual Respirator Fit Testing and PPE Use Training	95%
Feb '19 - Annual Bloodborne Pathogens Training and Additional Arc Flash Training	95%
September '18 - Silica Safety Training / October '18 - Crane Safety	100%
Aug '18 - Fire Awareness Safety for Field Personnel and Lockout/Tagout Training	100% (all SOCWA employees)
Jan '18 - Respiratory PPE Training/Fit Testing and Additional ICS Training	90%
Sept '17 - Active Shooter/Workplace Violence Training	100%
July/August '17 - Spill Response Training (hands on training)	100%
May '17 - Safety Culture Training	100%
Mar '17 - Fall Protection Training and CPR/First Aid/AED Training	100%
Jan '17 - Lockout/Tagout Training and Confined Space Rescue Practice/Training	100%
Oct '16 - Confined Space Awareness/Entry Rescue Training and Forklift Training	100%
May '16 - Entry Level NIMS/ICS Training and Heat Illness Training	100%
Feb '16 - Biomechanics/Ergonomics Training (CSRMA) and Bloodborne Pathogen Training	100%
Oct '15 and Jan '16 - Initial Confined Space Entry Rescue Training (3-day trainings)	100%
Sept '15 - Pre-Storm Workshop, Arc Flash Training, and Forklift Training	100%
Aug '15 - Fire Prevention for Water Utility Field Staff and Disaster Cost Recovery Training	100%
July '15 - Initiate additional NIMS/ICS Training, Attend Water and Power Resiliency Workshop	Ongoing
June '15 - Initial Confined Space Awareness and Non-Entry Rescue Training	100%

Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

September 2022

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO FLOW	Rain Fall
	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	FLOW	FLOW	MGD	inches
	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	MGD	MGD	MGD	
09/01/22	No Flow				1.771	7.0	1.9	<0.1	0.220	3.1	4.0	<0.1	1.720	1.7	2.0	<0.1	0.365	0.428	0.146	4.650	0.00
09/02/22	No Flow				0.885	7.0	2.2	<0.1	1.12	3.4	4.0	0.1	1.990	9.6	4.0	0.1	0.632	0.427	0.136	5.190	0.00
09/03/22	No Flow				0.820	6.8	2.5	<0.1	0.180	3.1	4.0		1.942	6.1	4.0		0.778	0.448	0.143	4.311	0.00
09/04/22	No Flow				1.145	5.6		0.1	0.210	4.6	3.0	<0.1	2.186	3.5	3.0	<0.1	0.778	0.440	0.118	4.877	0.00
09/05/22	No Flow				1.973	6.6		0.1	0.150	4.5	3.0	0.1	2.255	5.4	4.0	0.1	0.778	0.427	0.007	5.590	0.00
09/06/22	No Flow				1.523	5.4	1.3	<0.1	0.230	5.1	9.0	<0.1	2.141	2.7	4.0	<0.1	0.778	0.426	0.122	5.220	0.00
09/07/22	No Flow				0.905	5.4	1.5	<0.1	6.680	23.2	13.0	<0.1	0.464	3.4	4.0	0.1	0.778	0.426	0.132	9.385	0.00
09/08/22	No Flow				1.726	10.6	2.0	<0.1	1.670	10.1	4.0	<0.1	0.427	1.5	5.0	<0.1	0.777	0.425	0.031	5.056	0.00
09/09/22	No Flow				1.730	7.4	2.0	0.1	0.950	4.7	3.0	0.1	1.573	2.8	4.0	<0.1	0.778	0.426	0.001	5.458	0.23
09/10/22	No Flow				2.553	9.6	3.8	0.1	0.180	4.5	5.0		2.300				0.779	0.456	0.002	6.270	0.00
09/11/22	No Flow				2.503	10.8		0.1	2.340	5.6	4.0	<0.1	2.365	5.2	3.0	<0.1	0.778	0.448	0.002	8.436	0.00
09/12/22	No Flow				2.511	10.8		<0.1	1.860	3.7	3.0	0.1	2.578	0.5	3.0	<0.1	0.777	0.429	0.001	8.156	0.00
09/13/22	No Flow				2.387	8.4	2.0	0.1	0.560	4.7	2.0	<0.1	2.596	1.3	4.0	0.1	0.778	0.415	0.000	6.736	0.00
09/14/22	No Flow				2.214	10.2	3.7	<0.1	0.600	4.0	3.0	<0.1	1.837	0.3	4.0	<0.1	0.778	0.204	0.000	5.633	0.00
09/15/22	No Flow				1.816	12.4	3.8	0.2	0.370	3.2	2.0	0.1	1.957	0.6	2.0	<0.1	0.778	0.187	0.000	5.108	0.00
09/16/22	No Flow				1.137	10.4	2.7	0.1	0.260	3.5	4.0	0.1	2.073	2.8	3.0	<0.1	0.778	0.439	0.000	4.687	0.00
09/17/22	No Flow				1.339	19.5	4.2	0.1	0.270	4.0	9.0		2.198	3.6	21.0		0.706	0.413	0.000	4.926	0.00
09/18/22	No Flow				1.755	26.0		0.9	0.350	4.8	4.0	<0.1	2.307	1.2	4.0	<0.1	0.388	0.396	0.000	5.196	0.00
09/19/22	No Flow				1.975	38.3		0.3	1.820	8.8	4.0	<0.1	2.043	1.0	4.0	<0.1	0.388	0.401	0.000	6.627	0.00
09/20/22	No Flow				1.274	21.0	5.0	<0.1	0.330	5.8	3.0	<0.1	1.937	4.1	3.0	<0.1	0.327	0.419	0.000	4.287	0.00
09/21/22	No Flow				1.007	12.0	2.5	<0.1	0.350	3.2	2.0	<0.1	1.857	3.9	2.0	<0.1	0.356	0.409	0.000	3.979	0.00
09/22/22	No Flow				1.848	9.7	3.1	<0.1	0.370	1.6	2.0	0.1	1.803	1.1	1.0	<0.1	0.385	0.411	0.000	4.817	0.00
09/23/22	No Flow				1.094	9.3	3.9	<0.1	0.700	3.5	8.0	<0.1	1.872	1.8	2.0	0.1	0.387	0.372	0.000	4.425	0.00
09/24/22	No Flow				0.802	9.8	4.4	<0.1	0.650	3.9	6.0		2.221	3.5	12.0		0.387	0.404	0.000	4.464	0.00
09/25/22	No Flow				1.314	8.6		<0.1	3.410	8.8	5.0	<0.1	2.301	3.2	3.0	<0.1	0.387	0.393	0.000	7.805	0.00
09/26/22	No Flow				1.884	9.8		<0.1	6.360	5.6	3.0	<0.1	1.926	0.4	3.0	<0.1	0.387	0.419	0.000	10.976	0.00
09/27/22	No Flow				0.974	7.8	2.2	0.1	6.130	7.4	3.0	<0.1	1.523	3.0	3.0	<0.1	0.386	0.396	0.000	9.409	0.00
09/28/22	No Flow				0.978	15.2	3.1	0.1	1.490	7.7	3.0	<0.1	0.659	4.1	3.0	<0.1	0.388	0.378	0.000	3.893	0.00
09/29/22	No Flow				1.871	12.7	3.2	0.1	0.780	3.8	2.0	<0.1	1.440	3.7	3.0	<0.1	0.330	0.376	0.000	4.797	0.00
09/30/22	No Flow				1.079	9.7	3.9	0.1	0.530	5.0	7.0	<0.1	2.168	5.4	3.0	<0.1	0.397	0.423	0.000	4.597	0.00
AVG	No Flow				1.560	11.5	3.0	<0.1	1.371	5.5	4.4	<0.1	1.889	3.0	4.1	<0.1	0.583	0.402	0.028	5.832	
TOTAL	No Flow				46.79				41.12				56.66				17.49	12.06	0.841	174.96	0.23

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: September 2022
 REPORT DUE: November 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: High Tide 0919

Weather: Clear

COMMENTS: No water outlets were flowing.

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S3	09/07/22	800	>=10	10	2	None	None	None	None	Green	71	Clear		
S4	09/07/22	1025	<10	<10	<2	None	None	None	None	Green	72	Clear		
S5	09/07/22	1005	<10	<10	2	None	None	None	None	Green		Clear		
S6	09/07/22	940	30	<10	4	None	None	None	None	Green		Clear		
WEST	09/07/22	935	10	<10	2	None	None	None	None	Green		Clear		
S7	09/07/22	930	<10	<10	10	None	None	None	None	Green		Clear		
S8	09/07/22	920	10	<10	<2	None	None	None	None	Blue		Clear		
S9	09/07/22	905	10	20	4	None	None	None	None	Green		Clear		
ACM1	09/07/22	900	10	<10	<2	None	None	None	None	Green		Clear		
S10	09/07/22	845	10	<10	<2	None	None	None	None	Green		Clear		
S11	09/07/22	835	10	<10	4	None	None	None	None	Green		Clear		
S12	09/07/22	820	30	30	10	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: September 2022
 REPORT DUE: November 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 0606

Weather: Partly Cloudy

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S3	09/15/22	0736	<10	<10	<2	None	None	None	None	Blue	70	Clear		
S4	09/15/22	0900	<10	<10	<2	None	None	None	None	Blue		Clear		
S5	09/15/22	0856	<10	<10	<2	None	None	None	None	Blue		Clear		
S6	09/15/22	0843	<10	<10	<2	None	None	None	None	Blue		Clear		
WEST	09/15/22	0841	10	<10	10	None	None	None	None	Blue		Clear		
S7	09/15/22	0838	<10	<10	<2	None	None	None	None	Blue		Clear		
S8	09/15/22	0835	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S9	09/15/22	0826	<10	20	20	None	None	None	None	Brown		Slightly Turbid		
ACM1	09/15/22	0823	100	270	180	None	None	None	None	Brown		Slightly Turbid	Flowing	
S10	09/15/22	0810	10	<10	<2	None	None	None	None	Blue		Clear		
S11	09/15/22	0803	<10	<10	<2	None	None	None	None	Blue		Clear		
S12	09/15/22	0757	<10	<10	<2	None	None	None	None	Blue		Clear		

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

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: September 2022
 REPORT DUE: November 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 0830
 Weather: Clear
 COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S3	09/22/22	0756	<10	<10	<2	None	None	None	None	Green	64	Slightly Turbid		
S4	09/22/22	0814	10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S5	09/22/22	0817	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S6	09/22/22	0846	<10	<10	<2	None	None	None	None	Green		Clear		
WEST	09/22/22	0849	<10	<10	<2	None	None	None	None	Green		Clear		
S7	09/22/22	0850	<10	<10	<2	None	None	None	None	Green	67	Clear		
S8	09/22/22	0858	<10	<10	<2	None	None	None	None	Green		Clear		
S9	09/22/22	1016	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
ACM1	09/22/22	1013	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S10	09/22/22	0946	<10	<10	<2	None	None	None	None	Green		Clear		
S11	09/22/22	0938	<10	<10	<2	None	None	None	None	Green	67	Clear		
S12	09/22/22	1000	<10	<10	<2	None	None	None	None	Blue		Clear		

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

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: September 2022
 REPORT DUE: November 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 1026

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S3	09/27/22	0805	<10	<10	<2	None	None	None	None	Green	66	Clear		
S4	09/27/22	1030	<10	<10	<2	None	None	None	None	Green		Clear		
S5	09/27/22	1005	<10	<10	<2	None	None	None	None	Green		Clear		
S6	09/27/22	0945	10	<10	<2	None	None	None	None	Green		Clear		
WEST	09/27/22	0940	<10	<10	<2	None	None	None	None	Green		Clear		
S7	09/27/22	0935	10	10	2	None	None	None	None	Green		Clear		
S8	09/27/22	0925	<10	<10	2	None	None	None	None	Green		Clear		
S9	09/27/22	0910	<10	<10	<2	None	None	None	None	Green		Clear		
ACM1	09/27/22	0905	<10	<10	<2	None	None	None	None	Green		Clear		
S10	09/27/22	0845	<10	<10	<2	None	None	None	None	Green		Clear		
S11	09/27/22	0835	<10	<10	2	None	None	None	None	Green		Clear		
S12	09/27/22	0825	20	10	<2	None	None	None	None	Green		Clear		

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 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: September 2022

REPORT DUE: November 1, 2022

SAMPLE SOURCE: Receiving water, nearshore and offshore

EXACT SAMPLE POINTS: As specified in permit

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

REPORT FREQUENCY: Monthly

SAMPLING FREQUENCY: Monthly

TYPE OF SAMPLE: Grab

Comments: Low Tide 0544

Sta No.	Sample Depth	Sample Date	Total Coliform	Fecal Coliform	Enterococcus	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600				
A-1	Surface	09/14/22	2	<2	<2	0813	0	0	
A-1	Mid depth	09/14/22	<10	<10	<10				
A-2	Surface	09/14/22	2	4	<2	0752	0	0	
A-2	Mid depth	09/14/22	<10	<10	<10				
A-3	Surface	09/14/22	<2	2	2	0757	0	0	
A-3	Mid depth	09/14/22	<10	<10	<10				
A-4	Surface	09/14/22	<2	<2	<2	0810	0	0	
A-4	Mid depth	09/14/22	<10	<10	<10				
A-5	Surface	09/14/22	<2	<2	12	0801	0	0	
A-5	Mid depth	09/14/22	<10	<10	<10				
B-1	Surface	09/14/22	<2	<2	<2	0745	0	0	
B-1	Mid depth	09/14/22	<10	<10	<10				
B-2	Surface	09/14/22	<2	<2	<2	0820	0	0	
B-2	Mid depth	09/14/22	<10	<10	<10				
N1	Surface	09/14/22	2	<2	<2	0835	0	0	
N2	Surface	09/14/22	2	<2	<2	0833	0	0	
N3	Surface	09/14/22	2	<2	<2	0832	0	0	
N4	Surface	09/14/22	<2	<2	<2	0831	0	0	
N5	Surface	09/14/22	10	2	<2	0829	0	0	
N6	Surface	09/14/22	10	<2	<2	0828	0	0	
N7	Surface	09/14/22	10	<2	<2	0827	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. R9-2022-0006							
Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
IRWD - Los Alisos	5/4/2022	cBOD	Deficient Monitoring	mgl	Daily Monitoring	Weekly	\$3000
IRWD - Los Alisos	5/4/2022	Total Suspended Solids	Deficient Monitoring	mgl	Daily Monitoring	Weekly	\$3000
ETWD - WRP	5/18/2022	Settleable Solids	Daily	m/L	3.00	7.00	\$3,000
SCWD - ACWHP	5/31/2022	Total Suspended Solids	Deficient Monitoring	mgl	Daily Monitoring	Monthly	\$3000
SCWD - ACWHP	5/31/2022	pH	Deficient Monitoring	SU	Daily Monitoring	Monthly	\$3000
ETWD - WRP	8/5/2022	cBOD	Deficient Monitoring	mgl	Daily Monitoring	Weekly	\$3000

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

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

SAN JUAN CREEK OCEAN OUTFALL MONITORING REPORT

September 2022

DATE	J.B. LATHAM FACILITY				SAN CLEMENTE WRP				SMWD CHIQUITA WRP				3-A PLANT				CSJC	SCWD	SJCOO	Rain
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	Desalter FLOW MGD	Desalter FLOW MGD	FLOW MGD	Fall inches
09/01/22	6.540	5.4	6.9	<0.1	1.105	3.8	7.0	<0.1	0.000				0.177	10.2	8.5	<0.1	0.370	0.180	8.970	0.00
09/02/22	6.610	6.3	7.8	0.1	1.329	7.0	6.0	<0.1	0.000				0.314	10.2	8.1	<0.1	0.310	0.180	9.210	0.00
09/03/22	6.840	6.4	6.7		0.962		7.0		0.000				0.076				0.390	0.180	9.100	0.00
09/04/22	7.680	6.4	9.1	<0.1	0.612				0.000				0.699				0.390	0.180	8.980	0.00
09/05/22	6.600	8.4	8.5	0.2	1.582	4.3	6.0	<0.1	0.000				1.051	10.8	8.6	<0.1	0.390	0.180	9.270	0.00
09/06/22	6.700	10.9	6.0	<0.1	1.732	4.6	6.0	<0.1	0.000				0.411	11.0	7.4	<0.1	0.370	0.180	11.030	0.00
09/07/22	6.540	6.8	10.7	<0.1	2.142	4.0	8.0	<0.1	0.080	1.2	1.9	<0.1	0.820	9.8	7.2	<0.1	0.390	0.180	9.920	0.00
09/08/22	6.440	7.2		<0.1	1.225	4.0	6.0	<0.1	0.000				2.264	8.4	7.0	<0.1	0.400	0.180	9.920	0.00
09/09/22	6.130	6.8	9.1	<0.1	0.805	4.7	6.0	<0.1	0.000				2.087	11.0	9.4	<0.1	0.360	0.180	10.600	0.23
09/10/22	6.020	8.6	8.3		1.192		6.0		0.000				2.221				0.400	0.180	10.500	0.00
09/11/22	6.430	8.4	11.8	<0.1	1.628				0.000				2.040				0.400	0.180	11.470	0.00
09/12/22	6.530	8.1	10.3	<0.1	2.187	4.3	6.0	<0.1	0.000				0.657	11.6	7.4	<0.1	0.400	0.180	12.050	0.00
09/13/22	6.400	7.0	6.2	0.1	2.307	4.6	6.0	<0.1	0.000				0.148	11.8	10.0	<0.1	0.410	0.180	11.160	0.00
09/14/22	6.180	5.8	6.5	0.2	2.802	4.1	4.0	<0.1	0.107	1.2	2.7	0.1	0.053	8.0	7.4	<0.1	0.360	0.180	10.680	0.00
09/15/22	6.450	4.9	6.4	0.1	3.058	4.2	4.0	<0.1	0.020	1.4	2.8	<0.1	0.068	6.4	6.0	<0.1	0.400	0.180	10.780	0.00
09/16/22	6.660	4.3	10.9	0.1	2.586	9.2	8.0	<0.1	0.058	2.9	2.4	<0.1	0.072	6.2	5.5	<0.1	0.410	0.180	10.120	0.00
09/17/22	6.640	4.6	12.5		1.641		9.0		0.000				0.090				0.410	0.180	9.300	0.00
09/18/22	6.670	6.5	8.4	<0.1	1.690				0.000				0.123				0.410	0.180	9.250	0.00
09/19/22	6.730	7.6	7.7	<0.1	1.864	5.5	8.0	<0.1	0.000				0.141	6.2	4.5	<0.1	0.410	0.180	9.610	0.00
09/20/22	6.690	6.3	6.9	<0.1	1.753	3.6	7.0	<0.1	0.000				0.124	6.2	5.8	<0.1	0.410	0.180	9.610	0.00
09/21/22	6.530	6.7	7.8	<0.1	1.682	3.4	4.0	<0.1	0.025	1.7	1.8	0.2	0.220	5.2	2.6	<0.1	0.410	0.180	9.300	0.00
09/22/22	6.220	7.2	7.2	<0.1	2.483	3.9	4.0	<0.1	0.000				0.064	7.0	6.2	<0.1	0.320	0.180	9.260	0.00
09/23/22	5.430	7.6	6.7	<0.1	1.027	7.6	6.0	<0.1	0.000				0.075	7.4	6.5	<0.1	0.390	0.180	9.720	0.00
09/24/22	5.230	6.1	10.5		1.418		7.0		0.000				0.048				0.390	0.180	7.500	0.00
09/25/22	5.410	8.4	9.3	<0.1	1.105				0.000				0.729				0.390	0.170	7.870	0.00
09/26/22	5.450	8.3	5.9	<0.1	2.023	4.4	9.0	<0.1	0.000				0.443	11.2	8.4	<0.1	0.390	No Flow	8.940	0.00
09/27/22	5.270	5.6	7.6	<0.1	1.786	4.3	7.0	<0.1	0.000				1.079	16.0	12.0	<0.1	0.390	No Flow	8.680	0.00
09/28/22	5.370	5.1	6.5	<0.1	2.129	5.0	9.0	<0.1	0.056	1.6	2.4	0.4	1.617	24.2	15.0	<0.1	0.390	0.020	9.210	0.00
09/29/22	5.280	6.3	9.8	<0.1	2.677	5.2	6.0	<0.1	0.000				2.059	17.4	13.0	<0.1	0.390	0.180	10.220	0.00
09/30/22	5.250	8.7	10.2	<0.1	1.652	6.8	6.0	<0.1	0.000				2.136	10.0	8.6	<0.1	0.390	0.180	10.660	0.00
AVG	6.231	6.9	8.4	<0.1	1.739	4.9	6.5	<0.1	0.012	1.7	2.3	<0.2	0.737	10.3	8.0	<0.1	0.388	0.162	9.763	
TOTAL	186.920				52.184				0.346				22.106				11.640	4.870	292.890	0.23

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: September 2022
 REPORT DUE: November 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 0750

Weather: Clear

COMMENTS:

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Entero-coccus	Material of Sewage Origin		Oil & Grease		Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore	Grease	Odor					
S0	09/06/22	1220	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S1	09/06/22	1230	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S2	09/06/22	1140	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB5	09/06/22	1125	<20	<20	10	None	None	None	None	Green		Slightly Turbid		
S3	09/06/22	1235	<20	<20	<2	None	None	None	None	Green	74	Clear		
DSB4	09/06/22	1240	<20	<20	10	None	None	None	None	Green		Clear		
S5	09/06/22	1250	<20	<20	<2	None	None	None	None	Green		Clear		
DSB1	09/06/22	1300	<20	<20	<2	None	None	None	None	Green		Clear		
SJC1	09/06/22	1210	<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: September 2022
 REPORT DUE: November 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 1135

Weather: Clear

COMMENTS: Duplicate at DSB1Z

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Entero-coccus	Material of Sewage Origin		Oil & Grease		Water	H2O	Water	Water	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	
S0	09/13/22	0835	>=20	20	14	None	None	None	None	Brown		Slightly Turbid		
S1	09/13/22	0840	200	<20	10	None	None	None	None	Brown		Slightly Turbid		
S2	09/13/22	0820	200	20	10	None	None	None	None	Green		Slightly Turbid		
DSB5	09/13/22	0811	200	<20	22	None	None	None	None	Green		Slightly Turbid		
S3	09/13/22	0849	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB4	09/13/22	0852	20	<20	130	None	None	None	None	Green		Slightly Turbid		
S5	09/13/22	0900	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB1	09/13/22	0910	<20	<20	10	None	None	None	None	Green		Slightly Turbid		
SJC1	09/13/22	0824	>=200	300	370	None	None	None	None	Green	77	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: September 2022
 REPORT DUE: November 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 0800

Weather: Clear

COMMENTS:

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Entero-coccus	Material of Sewage Origin		Oil & Grease		Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore	Grease	Odor					
S0	09/20/22	0930	<20	<20	6	None	None	None	None	Green		Slightly Turbid		
S1	09/20/22	0940	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S2	09/20/22	0850	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB5	09/20/22	0830	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S3	09/20/22	0950	<20	<20	20	None	None	None	None	Green		Clear		
DSB4	09/20/22	1000	200	<20	4	None	None	None	None	Green		Clear		
S5	09/20/22	1010	<20	<20	<2	None	None	None	None	Green		Clear		
DSB1	09/20/22	1020	<20	200	4	None	None	None	None	Green	67	Clear		
SJC1	09/20/22	0925	<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

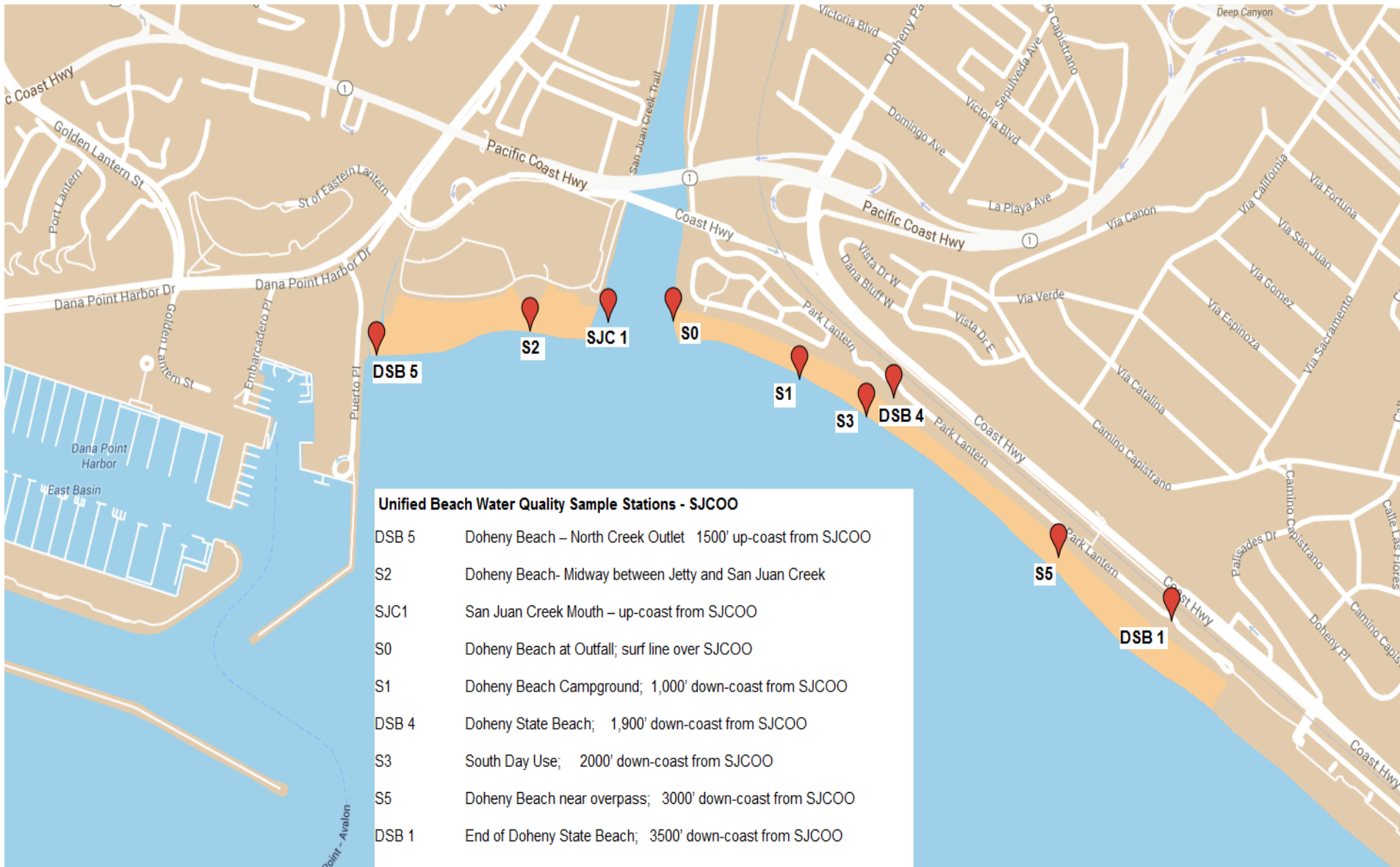
REPORT FOR: September 2022
 REPORT DUE: November 1, 2022
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

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

Tidal Condition: Hightide 1024
 Weather: Clear
 COMMENTS: Dup at S-3

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Entero-coccus	Material of Sewage Origin		Oil & Grease		Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore	Grease	Odor					
S0	09/27/22	0903	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S1	09/27/22	0909	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S2	09/27/22	0835	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB5	09/27/22	0828	20	<20	2	None	None	None	None	Green		Slightly Turbid		
S3	09/27/22	0917	20	<20	<2	None	None	None	None	Green	67	Slightly Turbid		
DSB4	09/27/22	0920	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S5	09/27/22	0920	<20	<20	6	None	None	None	None	Green		Slightly Turbid		
DSB1	09/27/22	0933	<20	<20	6	None	None	None	None	Green		Slightly Turbid		
SJC1	09/27/22	0841	<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.



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: September 2022

REPORT FREQUENCY: Monthly

REPORT DUE: November 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 0544

Station No.	Sample Depth	Sample Date	Total Coliform	Fecal Coliform	Enterococcus	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600				
A-1	Surface	09/14/22	<2	<2	<2	0931	0	0	
A-1	Mid depth	09/14/22	<10	<10	<10				
A-2	Surface	09/14/22	<2	32	2	0935	0	0	
A-2	Mid depth	09/14/22	<10	<10	<10				
A-3	Surface	09/14/22	<2	2	2	0939	0	0	
A-3	Mid depth	09/14/22	<10	<10	<10				
A-4	Surface	09/14/22	<2	<2	<2	0951	0	0	
A-4	Mid depth	09/14/22	<10	<10	<10				
A-5	Surface	09/14/22	<2	<2	<2	0948	0	0	
A-5	Mid depth	09/14/22	<10	<10	<10				
B-1	Surface	09/14/22	<2	<2	2	0924	0	0	
B-1	Mid depth	09/14/22	<10	<10	<10				
B-2	Surface	09/14/22	<2	4	<2	0959	0	0	
B-2	Mid depth	09/14/22	<10	<10	<10				
N1	Surface	09/14/22	<2	<2	<2	0916	0	0	
N2	Surface	09/14/22	<2	<2	<2	0913	0	0	
N3	Surface	09/14/22	<2	<2	<2	0911	0	0	
N4	Surface	09/14/22	<2	<2	<2	0906	0	0	
N5	Surface	09/14/22	<2	2	4	0904	0	0	
N6	Surface	09/14/22	<2	<2	<2	0901	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 & R9-2022-0005							
Agency	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
SMWD/CSJC	03/09/2022	Oil and Grease	Weekly Average	mg/L	25.00	57.00	\$3,000
SMWD/CSJC	03/09/2022	Oil and Grease	Monthly Average	mg/L	40.00	57.00	\$3,000
CSC	03/18/2022	pH	Daily	SU	Daily	Not Reported	\$3,000
CSC	03/18/2022	Settleable Solids	Daily	ml/L	Daily	Not Reported	\$3,000
MNWD	3/30/2022	Settleable Solids	Daily	ml/L	3.00	3.60	\$3,000
MNWD	4/8/2022	Settleable Solids	Daily	ml/L	3.00	5.00	\$3,000
SCWD - GWRF	5/31/2022	Total Suspended Solids	Deficient Monitoring	mgl	Daily	Monthly	\$3,000
SCWD - GWRF	5/31/2022	pH	Deficient Monitoring	SU	Daily	Monthly	\$3,000



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

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

Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
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	
SOCWA - RTP	3/1/2022	TDS	12-Month	mg/L	1000	1218	
SOCWA - RTP	3/1/2022	TDS	Daily Maximum	mg/L	1100	1200	
SOCWA - RTP	3/1/2022	Manganese	12-Month	mg/L	0.05	0.101	
SOCWA - RTP	3/1/2022	Iron	12-Month	mg/L	0.3	0.309	
SOCWA - CTP	3/2/2022	TDS	Daily Maximum	mg/L	1100	1340	
SOCWA - CTP	3/3/2022	Manganese	12-Month	mg/L	0.05	0.808	
TCWD - RRWRP	3/1/2022	TDS	12 month	mg/L	1000	1054	
MNWD - 3A	3/16/2022	TDS	12-Month	mg/L	1000	1136	
MNWD - 3A	3/16/2022	TDS	Daily Maximum	mg/L	1100	1220	
SOCWA - RTP	4/7/2022	TDS	12-Month	mg/L	1000	1226	
SOCWA - RTP	4/7/2022	TDS	Daily Maximum	mg/L	1100	1260	
SOCWA - RTP	4/7/2022	Manganese	12-Month	mg/L	0.05	0.102	
SOCWA - RTP	4/7/2022	Iron	12-Month	mg/L	0.3	0.306	
SOCWA - CTP	4/7/2022	Manganese	12-Month	mg/L	0.05	0.114	
TCWD - RRWRP	4/5/2022	TDS	12 month	mg/L	1000	1052	
SOCWA - RTP	5/5/2022	TDS	12-Month	mg/L	1000	1230	
SOCWA - RTP	5/5/2022	TDS	Daily Maximum	mg/L	1100	1310	
SOCWA - RTP	5/5/2022	Manganese	12-Month	mg/L	0.05	0.102	
SOCWA - CTP	5/5/2022	Manganese	12-Month	mg/L	0.05	0.121	
TCWD - RRWRP	5/3/2022	TDS	12 month	mg/L	1000	1054	
MNWD - 3A	5/9/2022	TDS	12-Month	mg/L	1000	1147	
MNWD - 3A	5/9/2022	TDS	Daily Maximum	mg/L	1100	1190	
MNWD - 3A	5/9/2022	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	6/2/2022	TDS	12-Month	mg/L	1000	1235	
SOCWA - RTP	6/2/2022	TDS	Daily Maximum	mg/L	1100	1270	
SOCWA - RTP	6/2/2022	Manganese	12-Month	mg/L	0.05	0.120	
SOCWA - CTP	6/2/2022	Manganese	12-Month	mg/L	0.05	0.120	
TCWD - RRWRP	6/7/2022	TDS	12 month	mg/L	1000	1070	
SOCWA - RTP	7/14/2022	TDS	12-Month	mg/L	1000	1245	
SOCWA - RTP	7/14/2022	TDS	Daily Maximum	mg/L	1100	1260	
SOCWA - RTP	7/14/2022	Manganese	12-Month	mg/L	0.05	0.099	
SOCWA - CTP	7/14/2022	Manganese	12-Month	mg/L	0.05	0.116	
MNWD - 3A	7/5/2022	TDS	12-Month	mg/L	1000	1141	
MNWD - 3A	7/5/2022	Manganese	12-Month	mg/L	0.05	0.07	
TCWD - RRWRP	7/7/2022	TDS	12 month	mg/L	1000	1070	
SOCWA - RTP	8/4/2022	TDS	12-Month	mg/L	1000	1252	
SOCWA - RTP	8/4/2022	TDS	Daily Maximum	mg/L	1100	1290	
SOCWA - RTP	8/4/2022	Manganese	12-Month	mg/L	0.05	0.101	
SOCWA - CTP	8/4/2022	Manganese	12-Month	mg/L	0.05	0.113	
MNWD - 3A	8/15/2022	TDS	12-Month	mg/L	1000	1154	
MNWD - 3A	8/15/2022	TDS	Daily Maximum	mg/L	1100	1290	
MNWD - 3A	8/15/2022	Manganese	12-Month	mg/L	0.05	0.07	
TCWD - RRWRP	9/6/2022	TDS	12 month	mg/L	1000	1075	
SOCWA - RTP	9/1/2022	TDS	12-Month	mg/L	1000	1259	
SOCWA - RTP	9/1/2022	TDS	Daily Maximum	mg/L	1100	1250	
SOCWA - RTP	9/1/2022	Manganese	12-Month	mg/L	0.05	0.104	
SOCWA - CTP	9/1/2022	Manganese	12-Month	mg/L	0.05	0.118	
MNWD - 3A	9/19/2022	TDS	12-Month	mg/L	1000	1146	
MNWD - 3A	9/19/2022	TDS	Daily Maximum	mg/L	1100	1100	
MNWD - 3A	9/19/2022	Manganese	12-Month	mg/L	0.05	0.08	

Recycled Water Report

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: Sep 30, 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	1,075	934	908	918	1,146	1,259	1,075
Chloride	mg/L	375	247	200	205	276	230	251	230
Sulfate	mg/L	400	387	265	241	229	366	371	292
Sodium	mg/L	None	69	165	163	208	-	185	165
Alkalinity	mg/L	None	-	-	-	-	-	277	206
Adjusted SAR	Ratio	None	5.12	4.73	5.09	6.01	4.23	4.45	4.40
Iron	mg/L	0.3	0.010	0.021	0.123	0.022	0.18	0.274	0.136
Manganese	mg/L	0.05	0.007	0.022	0.040	0.008	0.08	0.104	0.118
MBAS	mg/L	0.5	ND	0.21	<0.12	<0.2	<0.03	<0.05	<0.05
Boron	mg/L	0.75	0.349	0.395	0.373	0.445	0.37	0.350	0.39
Fluoride	mg/L	None	0.65	0.700	0.61	0.81	0.73	0.74	0.77
Total Organic Carbon	mg/L	None	4.8	12.7	12.5	8.8	1.5	10.5	7.8

*** 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	0.00	0.00	0.00	0.00	31.33	27.48				58.81
CSJC 2	Chiquita/SMWD	16.66	30.01	39.56	37.94	43.70	51.86	44.09	26.61	27.25				317.68
CSJC 3	Non-Domestic Wel	1.00	7.71	18.53	22.22	29.98	32.14	46.46	37.06	41.77				236.87
ETWD	Region 8	37.87	112.25	138.10	155.44	187.78	218.36	199.48	186.46	161.53				1397.27
IRWD														
4	IRWD - 8	44.49	101.76	129.52	100.54	145.88	186.35	174.65	182.20	195.55				1260.94
4	IRWD - 9	22.36	50.45	63.88	57.66	86.17	105.34	93.50	99.72	93.96				673.05
SCWD	SOCWA CTP	9.15	63.52	76.57	96.78	125.07	139.32	131.16	98.67	81.60				821.85
MNWD	JRP	299.83	439.71	484.91	529.66	565.11	576.37	596.19	603.53	535.37				4630.68
	3-A Plant	0.00	0.00	37.40	0.00	141.43	142.55	140.63	131.31	129.60				722.91
5	CTP	-17.36	4.33	4.62	4.33	-0.87	6.88	8.79	17.42	27.83				55.96
SMWD	Oso Creek	140.68	93.64	OL	OL	OL	OL	OL	OL	OL				234.32
	Chiquita	489.98	436.03	486.30	458.98	481.82	461.07	472.15	479.27	460.12				4225.70
	Nichols	1.52	1.61	2.16	1.64	1.60	1.77	1.99	2.13	1.88				16.31
TCWD	RRWRP	49.52	42.36	48.19	44.44	46.17	42.89	45.95	45.38	42.88				407.78
TOTALS		1095.70	1383.39	1529.74	1509.63	1853.83	1964.90	1955.04	1941.08	1826.82				15060.13

- 1 Denotes transfer of recycled water from MNWD (3A Plant) for use in the CSJC service area. Not counted as additional production.
2 Denotes recycled water purchased from SMWD Chiquita-WRP used in the CSJC service area. Not counted as additional production.
3 Denotes nondomestic groundwater produced from wells used for landscape irrigation.
4 IRWD production is from recycled water production, nonpotable water wells, and surface water impoundments
5 Denotes transfer of recycled water from SCWD (SOCWA CTP) for use in the MNWD service area. Not counted as additional production.
Note: All of ETWD reclaimed water produced and used in Region 8.
NR = No Report

Pretreatment Report

Agenda Item

5.E.

Legal Counsel Review: No

Meeting Date: November 3, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Katie Greenwood, Source Control Manager

SUBJECT: Monthly Pretreatment Report – September, October, and November 2022
San Juan Creek Ocean Outfall
NPDES Permit #CA0107417 Order # R9-2022-0005
Aliso Creek Ocean Outfall
NPDES Permit #CA0107611 Order # R9-2022-0006

Summary of Program Activities

In compliance with the recently issued NPDES Permits for the Aliso Creek Ocean Outfall (ACOO-R9-2022-0006) and San Juan Creek Ocean Outfall (SJCOO-R9-2022-0005), SOCWA is in process of performing an evaluation of its local limits to ensure they are still protective of treatment plant processes. Staff has finalized a draft report and expects the evaluation to be submitted on time to State Staff by October 28, 2022. A copy of the final evaluation report will be distributed to MA Staff with the normal “end of the month” October 2022 email describing activities and correspondence in each MA service area.

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:

ETWD – NIWD Form No. ETWD-1-001 for a Shell Gas Station Carwash – Staff assisted in the drafting of a Non-Industrial Wastewater Discharge (NIWD) Form for a new carwash located at 24202 Moulton Parkway. The car wash requires installation of a new clarifier. ETWD approved the design and SOCWA issued the NIWD Form on October 5, 2022.

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 May 5, 2022, Staff toured the pilot study facility and discussed the experimental design related to the PFAS treatment train configuration. On July 14, 2022, SOCWA received a revised submittal with PFAS treatment data related to the pilot study. Staff met virtually on August 4, 2022, to discuss the pilot study results and SOCWA Staff voiced concerns with uncertainty surrounding future

PFAS regulations. A final project treatment design was submitted to SOCWA on October 11, 2022. Staff will present a summary report for the EC to review at its November 10, 2022, meeting.

SCWD – NSWD Permit No. SCWD-N4-010 for Three Arch Bay – Staff is working with SCWD and Three Arch Bay Staff to modify the existing NSWD Permit to add three new dry weather diversion connection points. SCWD is presently drafting an Amendment to the existing Agreement between SCWD and TAB.

SCWD - Burnham-Ward Properties LLC - The County of Orange - Dana Point Harbor Revitalization Project – On July 26, 2022, Staff received a SWD Permit Application to discharge water encountered during construction activities over a three-year period starting late October 2022. SOCWA provided a response letter to the application on September 19, 2022, stating concerns and a request for additional documentation and data.

IRWD – WD Permit No. IRWD-2-001-10-27 for Herbalife located at located at 20481 Crescent Bay Drive, Lake Forest, CA 92630 – Based on inspection findings on July 14, 2022, which showed scouring of the sewer collection system due to pH range non-compliance, the facility is being issued a permit. Staff provided a draft permit to IRWD Staff for review and signature on September 21, 2022. SOCWA Staff is aiming to issue the permit in late October.

SMWD – WD Permit No. SMWD-2-001-12-22 for the Rancho Mission Viejo Riding Park site located at 30753 Avenida La Pata Avenue, San Juan Capistrano, CA 92675 – In anticipation of the current permit expiring December 31, 2022, a renewal permit application to continue to allow discharge of wash-rack and stable wastewater to sewerage facilities was submitted on October 10, 2022. The Riding Park is seeking a renewal permit term from January 1, 2023, to March 31, 2024. The timeline for the capital improvement project related to stormwater capture and treatment is being delayed until the Winter of 2023-2024. SOCWA Staff is in process of reviewing the application and is preparing a draft renewal permit for SMWD to review.

CLB – SWD Permit No. CLB-4-001-10-22 for the Chevron groundwater treatment site located at 611 South Pacific Coast Highway, Laguna Beach, CA 92651 – The permit expired on October 20, 2022. Consultants working on behalf on Chevron submitted a renewal permit application on October 20, 2022, to obtain a one-year term renewal permit. Chevron and its consultants are working on obtaining documentation from State regulators verifying site clean-up and closure and releasing Chevron of its liabilities.

SOCWA – SWD Permit No. SOCWA-4-001-08-25 for the SMWD North Open Space Well and Settling Basin located at 30291 Camino Capistrano, San Juan Capistrano, CA 92675 – To perform maintenance on the Well, SMWD submitted a permit application requesting to discharge up to 240,000 gpd of groundwater during November for approximately one week. SOCWA Staff issued a permit modification letter on October 21, 2022, to allow for maintenance activities with provisions including prior notification and use of pretreatment equipment to reduce suspended solids before connection to sewerage facilities.

Trainings and Committee Meetings Attended

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

Staff continues to attend CASA Regulatory Workgroup - Water Committee meetings and CWEA P3S training events as time allows.

Inspections

CSC – On March 23, 2022, Staff inspected FreshRealm located at 1330 Calle Avanzado. The site was required to implement equipment and procedures for daily measuring of process wastewater pH and flow. Due to supply chain issues, the deadline for completion was extended. SOCWA Staff confirmed by email on October 20, 2022, that a pH meter and flow meter has been installed. Copies of calibration records were also submitted by email.

SMWD – On October 12, 2022, SOCWA and SMWD Staff jointly inspected Docent Brewery in CSJC. Inspection findings include non-compliance for pH neutralization and spill management. As of October 19th, SMWD collection crews are in process of evaluating impact to sewerage facilities. Staff plans to conduct a follow-up inspection on November 14, 2022.

SMWD – On October 12, 2022, SOCWA and SMWD Staff jointly inspected Left Coast Brewery located in the Talega area of CSC. Inspection findings include the need for enhanced spill management and annual clean-out of the sewerage catchment. Staff plans to conduct a follow-up inspection on November 14, 2022.

CSC – On November 3, 2022, SOCWA inspected Reynard. The site recently finished renovating facilities. Inspection findings are pending.

Summary of IWS Activities in SOCWA’s Service Area - YTD through October 20, 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)	33	10	35	18	181	1265	37	0	2	1546
CSJC (S)	44	2	27	59	137	1674	28	5	1	1927
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	2	1071
MNWD (S)	212	5	120	38	640	2114	149	20	0	3066
SMWD (S)	140	6	19	20	212	815	51	12	2	1123
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	2	9
Totals	504	50	386	168	1658	7243	365	46	10	9806

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

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

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

Agenda Item

5.F.

Board of Directors Meeting

Meeting Date: November 3, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACTS: David Baranowski, Director of Engineering

SUBJECT: Capital Improvement Program Status Report (*October*) & Invitation to Board of Directors to tour New Construction at JBL Facility

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

Below are updates from the month of September for the major construction projects currently underway at SOCWA facilities.

J.B. Latham Package B

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

Work continues on DAFT No. 1 including installation of the metal cover. The DAFT will soon begin startup. The boiler began installation last month and continues still. This is the last major piece of equipment that will be installed for this project. SOCWA staff would like to invite Board Members to tour the installation prior to the close of the Board Meeting.



Boiler Installation (last month, left, and this month, right)



DAFT Cover Installation

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

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

The area disturbed by construction has been reseeded with native species and is being monitored by a team of biologists. Weeds are being removed that could hinder native plant growth. Staff will soon begin the planning stages of the mitigation work that is required by project permits.



Reseeded area (light brown) adjacent to trail

SOCWA CIP Workplan

Project Number	Project Name	FY 23 Budget	Status	FY 2022/2023				FY 2023/2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 2 - J.B. Latham Treatment Plant											
3220/3231/3287 /32211L/ 32212L	Facility Improvements B	\$ 1,674,581	In Construction	C	C						
3221 & 32228L & 3215 & 3252 & 32231L	Electrical System Upgrades	\$ 1,233,042	In Design	D	D	B&A	C	C	C	C	C
3222 & 3234	Centrate Piping Reconstruction	\$ 312,074	In Design	D	D	B&A	C	C			
3285/32234L/ 32226L/3253	Gate and Piping Rehabilitations	\$ 871,872		P	P	D	D	B&A	C	C	
3216 & 32225S & 32232C & 32235S	Misc. Roofing Rehabilitations	\$ 997,000				D	D	C	C	C	C
PC 5 - San Juan Creek Ocean Outfall											
562210	Outfall Port Cleaning	\$ -	Bidding	ENV	ENV						
362210	Surge System Air Valve Replacement	\$ 39,064					C	C			
462110	Land Outfall Facility Condition Assessment	\$ 52,326				CA	CA				
462210	Marine Outfall Core Sample and Condition Assessment	\$ 90,000				CA	CA				
PC 15 - Coastal Treatment Plant											
3541-000	Export Sludge System Construction (2020)	\$ 438,870	Pipe Complete / Mitigation work ongoing	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV
35228L	Aeration Blower System Upgrades	\$ 1,250,000	Diffusers purchased. In Design	D	D	B&A	C	C	C	C	
3544	Aeration System Upgrades	\$ 352,056				D	D	D	D	D	D
3525-000	Personnel Building Reconstruction	\$ 308,632	In Design	D	D	B&A	C	C	C		
35220L	Fiber Installation to Alicia Parkway	\$ -	Working with ISP	P	P	P					
3522AL	Drainage Pump Station	\$ 125,000				P	P	D	D	B&A	C
35229L /35238L	Odor Control Scrubber/Foul Air System Reconstruction	\$ 405,422				P	P	D	D	B&A	C
35238L	Influent Flow Meters	\$ 250,000			P	P	C				
35239L	West Secondary Scum Skimmers	\$ 300,000				P	D	B&A	C		

SOCWA CIP Workplan

Project Number	Project Name	FY 23 Budget	Status	FY 2022/2023				FY 2023/2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 17 - Regional Treatment Plant											
3753	Aeration Diffuser Upgrade (2020)	\$ -	Construction Complete	C	C						
3722AL/C/S	MCC A, C, G, H Replacement	\$ 1,261,580	Preliminary Design Underway	D	D	D	D	D	D	D	D
3758/3759	AWT No.2 Reconstruction (2020)	\$ 2,153,826	In Design	D	D	B&A	C	C	C	C	C
47224C	Consequence of Failure Analysis	\$ 75,000	Project Underway	P	P	P	P				
3742	Aeration System Upgrades	\$ 2,351,036				D	D	D	D	D	D
37230C	Admin. Bldg. Door and Window Repair	\$ 60,000					D	D	C	C	C
PC 21 - Effluent Transmission Main											
3107-000 (B/C/D) / 3108-000 (E)	Air Valve Replacement Construction (D) (2021)	\$ 576,736	In Design	D	D	D	D	B&A	C	C	
3101/31221B	Trail Bridge Crossing (D)	\$ 156,074	MND being prepared	D	D	D	D				
PC 24 - Aliso Creek Ocean Outfall											
3480	Internal Seal Replacement	\$ 60,100	In design	P	P	P	P	P	P	P	P
34231O	Metering and Sampling	\$ 66,964	Work Underway	P	P	C					
54221O	Outfall Port Cleaning	\$ -		ENV	ENV						

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

Agenda Item

5.G.

Board of Directors Meeting

Meeting Date: November 3, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACTS: David Baranowski, Director of Engineering

SUBJECT: Capital Improvement Construction Projects Progress and Change Order Report (*October*) [Project Committees 2, 15 & 17]

Overview

Active Construction Project Updates:

The attached CIP Report shows the financial status of the major construction projects as well any potential and Engineering Committee reviewed change orders. Please note that there are two new change orders for Olsson Construction for the PC 2 J.B. Latham Package B project totaling \$156,706.17.

Engineering Committee Actions Being Reported to the Project Committee 2 Board:

As authorized by the Project Committee 2 Board on March 10, 2022, the Engineering Committee authorized the General Manager to issue payments within contingency amounts for the following Package B Change Orders with Olsson Construction:

- Change Order 61 for \$9,971.62, including 0 additional day(s)
- Change Order 62 for \$146,734.55, including 0 additional day(s)

The total of the Change Orders is \$156,706.17, and the revised contract value is \$18,373,744.14.

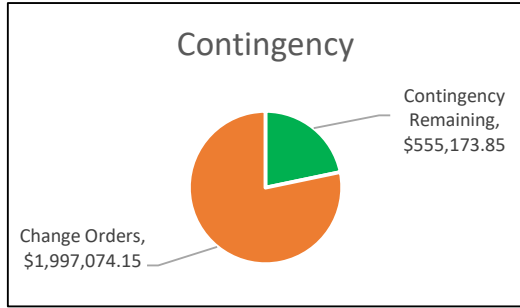
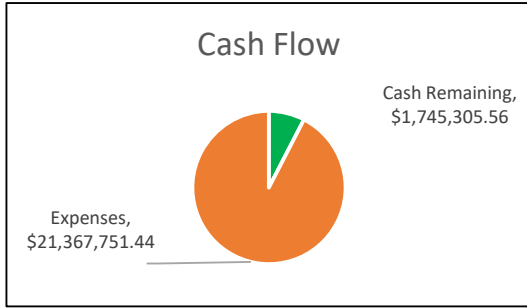
Recommended Action: Staff recommends that the Board of Directors receive and file the Report as an information item.

Project Financial Status

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

Data Last Updated

October 3, 2022



Cash Flow

Collected	\$ 23,113,057.00
Expenses	\$ 21,367,751.44

Project Completion

Schedule	93%
Budget	90%

Contracts

Company	PO No.	Original	Change Orders*	Amendments	Total	Invoiced
Olsson	13497	\$ 17,325,000.00	\$ 1,048,744.14		\$ 18,373,744.14	\$ 16,971,079.50
Butier	13647	\$ 895,727.00		\$ 1,005,251.00	\$ 1,900,978.00	\$ 1,685,469.50
Carollo	13616	\$ 846,528.00		\$ 616,037.00	\$ 1,462,565.00	\$ 1,239,428.36
TetraTech	13605	\$ 94,000.00		\$ -	\$ 94,000.00	\$ 93,884.70
Ninyo & Moore	14279	\$ 49,399.00		\$ 30,000.00	\$ 79,399.00	\$ 43,478.27
ADS Environmental	16452	\$ 107,200.00	\$ -		\$ 107,200.00	\$ 46,125.00
Hallsten	16578	\$ 251,422.00	\$ 16,715.25		\$ 268,137.25	\$ -
Dudek	17401	\$ 48,360.00		\$ -	\$ 48,360.00	\$ 30,070.00
		\$ 19,617,636.00	\$ 1,065,459.39	\$ 1,651,288.00	\$ 22,334,383.39	\$ 20,109,535.33

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

Contingency

Area	Project Code	Amount **	Change Orders	Total Remaining	Percent Used
Liquids	3220-000	\$ 969,679.00	\$ 816,226.27	\$ 153,452.73	84.2%
Common	3231-000	\$ 38,120.00	\$ 3,305.76	\$ 34,814.24	8.7%
Solids	3287-000	\$ 1,544,449.00	\$ 1,177,542.12	\$ 366,906.88	76.2%
		\$ 2,552,248.00	\$ 1,997,074.15	\$ 555,173.85	78.2%

** Amount reflects contingency for Construction Contracts only

Summary of New Change Orders

Change Order No	CSJC	MNWD	SCWD	SMWD	\$ Amount
61	\$ 2,991.49	\$ 2,156.03	\$ 1,994.32	\$ 2,829.78	\$ 9,971.62
62	\$ 45,149.09	\$ 33,861.82	\$ 42,327.27	\$ 25,396.36	\$ 146,734.55
Grand Total	\$ 48,140.58	\$ 36,017.85	\$ 44,321.60	\$ 28,226.15	\$ 156,706.17

Change Orders and Amendments

Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
Within Contingency, reviewed by Engineering Committee						\$ 156,706.17
61	Olsson	3287-000	Digester hatch connection, temperature guage adjustment, and potholing	10/13/2022		\$ 9,971.62
62	Olsson	3220-000	Plant 1 Primary and Secondary Basins crack injection, concrete repair, channel cleaning, solids removal	10/13/2022		\$ 146,734.55
Approved by Board of Directors						\$ 2,560,041.22
1	Olsson	3287-000	Addition of Loop Piping to the Existing Hot Water Lines Adjacent to Digester 3	12/12/2019	0	\$ 4,725.00
2	Olsson	3287-000	Asbestos Gaskets in Boiler hazardous disposal	6/4/2020	0	\$ 6,343.10
3	Olsson	3287-000	Add Analog Infrastructure and Cabling	6/4/2020	11	\$ 37,969.60
4	Olsson	3287-000	Digester 4 Coating Additional Sealant	6/4/2020	3	\$ 24,001.54

<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>
5	Olsson	3220-000	Valve Handwheel Ergonomic extension	8/6/2020	28	\$ 16,370.30
6	Olsson	3287-000	Change to DeZurik Plug Valves to match existing	8/6/2020	90	\$ 41,993.87
7	Olsson	3287-000	Digester 4 Additional Concrete Repair	8/6/2020	3	\$ 7,412.74
8	Olsson	3287-000	Repair Existing Damaged Electrical Box	8/6/2020	0	\$ (1,829.00)
9	Olsson	3220-000	Change the Telescoping Valve Boxes and Piping from Carbon Steel to Stainless Steel	8/6/2020	0	\$ 18,677.63
10	Olsson	3287-000	Duct bank J Interferences	12/17/2020	18	\$ 73,639.42
11	Olsson	3220-000	Blasting of Existing Influent Pipe Spools	12/17/2020	5	\$ 20,868.52
12	Olsson	3220-000	Duct bank K Interferences	12/17/2020	0	\$ 15,567.08
13	Olsson	3287-000	Digester 3/4 PLC Relocation	12/17/2020	14	\$ 41,367.51
14	Olsson	3287-000	Digester 4 Additional Tank Repair	12/17/2020	18	\$ 33,642.75
15	Olsson	3220-000	Duct bank O Interferences	12/17/2020	0	\$ 1,686.88
16	Olsson	3287-000	Digester 3/4 Control Building Roof Replacement	2/4/2021	0	\$ 42,780.00
17	Olsson	3287-000	MCC-D1 Modifications due to Change in Motor Size	5/6/2021	0	\$ 34,392.02

<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	Olsson	3287-000	Integrator Additional Site Visits	5/6/2021	0	\$ 7,571.97
19	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	6/3/2021	0	\$ 29,417.20
20	Olsson	3220-000	Overhead Walkway Removal at Plant 1 Secondary Basins 5 through 9	6/3/2021	0	\$ 62,113.50
21	Olsson	3287-000	Cogeneration PLC Modifications and Integration	6/3/2021	0	\$ 42,922.67
22	Olsson	3220-000	Plant 1 Secondary Basins UV Rated Wear Strips	9/2/2021	0	\$ 28,965.33
23	Olsson	3287-000	MCC-F1 Design Change	9/2/2021		\$ 481,290.42
24	Olsson	3287-000	DAF 2 Investigation Work and Inspection Blast	10/7/2021		\$ 67,838.71
25	Olsson	3287-000	New Fiber Conduit in West Blower Building	10/7/2021		\$ 4,957.71
26	Olsson	3220-000	Plant 1 Primary Basin Conduit Obstruction	10/7/2021		\$ 8,444.20
27	Olsson	3220-000	Plant 1 Influent Channel Additional Coating between Primary Basins 5 and 6	10/7/2021		\$ 15,469.98
28	Olsson	3287-000	MCC-F1 Lighting Changes	10/7/2021		\$ 7,843.04
29	Olsson	3287-000	Digester 3 Ground Rod	10/14/2021		\$ 7,269.16

<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>
30	Olsson	3220-000	New Fiber Conduits at East Electrical and Storm Water Buildings	10/14/2021		\$ 8,045.43
31	Olsson	3220-000	Plant 2 Primary Influent Channel Repair Credit	12/9/2021		\$ (15,903.00)
32	Olsson	3220-000	Plant 1 and 2 Telescoping Valve Pipe Supports	12/9/2021		\$ 6,132.27
33	Olsson	3287-000	4" Gas Line Routing Modifications	12/9/2021		\$ 18,146.07
34	Olsson	3287-000	Gas Mixer Conduit Conflict	12/9/2021		\$ 12,383.89
35	Olsson	3220-000	P1 Primary Tanks 5 and 6 Temporary Power	3/10/2022		\$ 7,256.05
36	Olsson	3220-000	P1 Primary Tanks Skimmers Starter Modification	3/10/2022		\$ 45,374.13
37	Olsson	3220-000	P1 Primary Tanks Hopper Wall Coating	3/10/2022		\$ 34,505.41
38	Olsson	3220-000	P1 Effluent Channel Conduit Conflict	3/10/2022		\$ 9,274.98
39	Olsson	3220-000	P1 Primary Tanks Torque Limit Switch	3/10/2022		\$ 7,149.86
40	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	3/10/2022		\$ (2,309.09)
41	Olsson	3287-000	DAFT 2 Repair	3/10/2022		\$ 59,403.53
42	Olsson	3287-000	Digesters 1 and 2 Heat Exchanger Layout Reconfiguration Electrical	6/2/2022	1	\$ 12,885.18

<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>
43	Olsson	3287-000	Digester 3 Heat Exchanger Hot Water Loop Tie-In	6/2/2022		\$ 2,774.58
44	Olsson	3220-000	Plant 1 Primary Basin 1 Shutdown Repair Work	6/2/2022		\$ 1,009.86
45	Olsson	3287-000	Replace Compressor Line and Valve at Digester 4	6/2/2022		\$ 10,762.85
46	Olsson	3220-000	Plant 2 Influent Gates Removal and Concrete Demo	6/2/2022		\$ 5,389.66
47	Olsson	3287-000	DAFT 2 Launder Support Detail	6/9/2022		\$ 45,682.30
48	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Coating Removal	6/9/2022		\$ 111,101.16
49	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Existing Equipment Removal and Reinstallation	6/9/2022		\$ 71,864.17
50	Olsson	3287-000	Digester Mixing Pumps Control Programming Change	8/4/2022		\$ 4,397.77
51	Olsson	3220-000	Plant 1 Primary Basins Skimmers I/O Connection and Programming Change	8/4/2022		\$ 14,237.83
52	Olsson	3287-000	Fiber Patch Cables to Connect the Centrifuge PLC to the Centrifuge Patch Panel	8/4/2022		\$ 3,755.90

<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>
53	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Coating Removal	8/4/2022		\$ 43,222.24
54	Olsson	3220-000	Plant 1 Secondary Basins Concrete Structural and Basins 2 and 3 Drive Plate Rework	8/4/2022		\$ 20,860.16
55	Olsson	3220-000	Plant 2 Primary Basins Repair and Rehab of Head-Shaft Bearings	8/4/2022		\$ 4,618.44
56	Olsson	3231-000	Board SOCWA Front Office with Plywood to Cover Windows	8/4/2022		\$ 3,305.76
57	Olsson	3220-000	Seal the Openings at Plant 1 Primary Influent and Effluent Channels	8/4/2022		\$ 25,491.03
58	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Existing Equipment Removal and Reinstallation	9/1/2022		\$ 26,498.32
59	Olsson	3220-000	Plant 1 Secondary Basins Existing Embedded Metal Plates	9/1/2022		\$ 4,290.48
60	Olsson	3220-000	Plant 2 Primary Baffle Frame Replacement	9/1/2022		\$ 18,291.57
1CM Common	Butier	3231-000	CM Change Order No. 1	7/13/2021		\$ 48,995.00
1CM Liquids	Butier	3220-000	CM Change Order No. 1	7/13/2021		\$ 294,125.00

<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>
1CM Solids	Butier	3287-000	CM Change Order No. 1	7/13/2021		\$ 269,595.00
1ESDC Common	Carollo	3231-000	ESDC Change Order No. 1	6/3/2021		\$ 18,210.00
1ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 1	6/3/2021		\$ 109,256.00
1ESDC Solids	Carollo	3287-000	ESDC Change Order No. 1	6/3/2021		\$ 100,151.00
1G Common	Ninyo & Moore	3231-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 5,400.00
1G Liquids	Ninyo & Moore	3220-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
1G Solids	Ninyo & Moore	3287-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
2CM Liquids	Butier	3220-000	CM Change Order No 2	5/12/2022		\$ 196,268.00
2CM Solids	Butier	3287-000	CM Change Order No. 2	5/12/2022		\$ 196,268.00
2ESDC Common	Carollo	3231-000	ESDC Change Order No. 2	12/9/2021		\$ 11,075.00
2ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 2	12/9/2021		\$ 196,440.00
2ESDC Solids	Carollo	3287-000	ESDC Change Order No. 2	12/9/2021		\$ 180,905.00
Duduct-Common	Olsson	3231-000	Energy Building Monorail System Descope (F1-F4)	8/4/2022		\$ (70,585.34)
Duduct-Liquids	Olsson	3220-000	Effluent Pump Station Descope (A1-A6)	8/4/2022		\$ (483,605.73)
Duduct-Solids	Olsson	3287-000	Energy Building Modifications Descope (G1-G2, & H1-H2)	8/4/2022		\$ (357,382.60)
HAL 01	Hallsten	3220-000	Cover Layout Modifications	8/4/2022		\$ 16,715.25
Potential Change						\$ 280,706.50
PCO 002	Olsson	3287-000	Digester 4 Rail Coating	(blank)		\$ (1,000.00)

<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>
PCO 004	Olsson	3287-000	Digester 4 Control Narrative	(blank)		\$ 5,000.00
PCO 005	Olsson	3287-000	TWAS Slab Modifications	(blank)		\$ 50,000.00
PCO 009	Olsson	3287-000	PLC East Headworks Integration	(blank)		\$ 10,000.00
PCO 039	Olsson	3220-000	Diversion Structure Gate Actuator Power Feed Replacement	8/13/2020		\$ 5,000.00
PCO 050	Olsson	3220-000	Telescoping Valves Rework	12/23/2020		\$ 27,884.00
PCO 092	Olsson	3287-000	Hot Water System Expansion Tank	8/31/2021		\$ 5,000.00
PCO 094	Olsson	3287-000	Additional Red Coloring Agent to Concrete	9/1/2021		\$ 5,000.00
PCO 095	Olsson	3287-000	Foul Air Rerouting at DAFT 2	9/2/2021		\$ 5,000.00
PCO 098	Olsson	3220-000	Plant 1 Bypass pumping Change	10/12/2021		\$ 74,226.27
PCO 113	Olsson	3287-000	Field Wiring Solenoid Valve for DAFT 2 Pressurization System	3/15/2022		\$ 25,061.07
PCO 120	Olsson	3287-000	DAFT Grout Removal and Replacement Credit	8/17/2022		\$ (10,295.53)
PCO 121	Olsson	3287-000	DAFT 1 Additional Repair	10/4/2022		\$ 68,020.07
PCO 126	Olsson	3287-000	Additional epoxy coating removal in the Boiler Room	9/27/2022		\$ 6,310.62

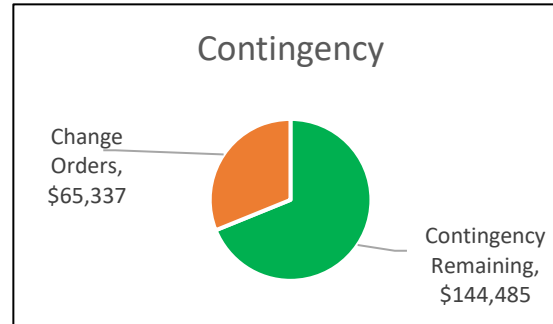
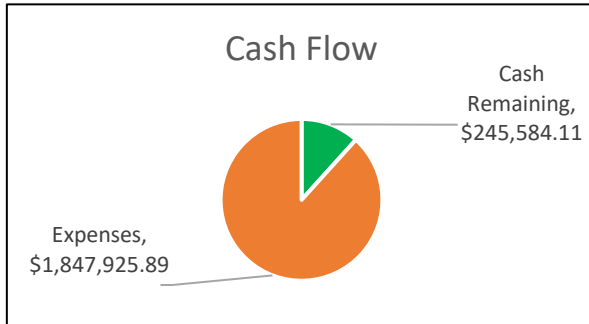
<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
PCO 138	Olsson	3287-000	Boiler room interlock with the supply fan and removing louver installation	(blank)		\$ 5,500.00
Grand Total					191	\$ 2,997,453.89

Project Financial Status

Data Last Updated

Project Committee	17
Project Name	Aeration Diffuser Replacements
Project Description	Replacing panel diffusers with disc diffusers in all six aeration basins. Includes replacement of drop pipes and air distribution piping inside the basins.

October 3, 2022



Cash Flow

Collected	\$ 2,093,510.00
Expenses	\$ 1,847,925.89

Project Completion

Schedule	100%
Budget	99%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
Filanc	16306	\$ 1,747,194.00	\$ 65,337.02		\$ 1,812,531.02	\$ 1,812,531.02
Lee & Ro	16119	\$ 37,738.00		\$ -	\$ 37,738.00	\$ 17,551.47
					\$ -	\$ -
		\$ 1,784,932.00	\$ 65,337.02	\$ -	\$ 1,850,269.02	\$ 1,830,082.49

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

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3753-000	\$ 209,822.00	\$ 65,337.02	\$ 144,484.98	31.1%
		\$ 209,822.00	\$ 65,337.02	\$ 144,484.98	31.1%

Change Orders

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Amount</u>	<u>Days</u>
Approved by Board of Directors					\$ 65,337.02	234
01	Filanc	3753-000	Corroded Grating Angle Replacement	9/1/2022	\$ 5,748.01	0
02	Filanc	3753-000	Diffuser Support Modifications (Supply Chain Issue)	9/1/2022	\$ 21,437.52	0
03	Filanc	3753-000	Air Header Insulation	9/1/2022	\$ 38,151.49	0
04	Filanc	3753-000	Diffuser Delivery Time Extension	10/6/2022	\$ -	234
Grand Total					\$ 65,337.02	234

Agenda Item

6.B.

Budgeted: Yes

Budget Available: \$75,000

Line Item: PC 2, 15, and 17 Small Capital

Meeting Date: November 3, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: New Gasoline Truck Purchase 2022 [Project Committees 2, 15, and 17]

Summary

SOCWA needs to replace a 2004 pickup truck at the end of its useful life. The State of California is implementing several regulations to reduce air emissions from vehicles by encouraging the purchase of electric vehicles. To support this Statewide goal, SOCWA staff is requesting to replace an older gasoline vehicle with an electric vehicle. However, due to the difficulties in supply chains affecting auto dealerships, SOCWA staff is also requesting that the General Manager be authorized to purchase the vehicle for an amount not to exceed \$60,000.

Discussion

Supply chain disruptions and increased electric vehicle demand have eliminated the traditional bidding process. Instead, SOCWA staff will directly order a 2023 F-150 XLT with a towing package and an engine large enough for SOCWA's towing needs.

SOCWA staff has been researching prices for a 2023 F-150 XLT that meets SOCWA needs, and the costs range from \$55,000 to \$60,000 (including estimated taxes and fees). The 2022's are unavailable, but Ford is taking orders for 2023's. The price for the 2023 XLT with the towing and engine packages is expected to be \$48,000 before taxes and other applicable fees. However, because the exact price will not be known until the vehicle is ordered, SOCWA staff is requesting the General Manager be authorized up to \$60,000.

This is an updated agenda item to purchase a gasoline vehicle versus an electric vehicle at the request of the SOCWA Board of Directors at their October 2022 Board meeting.

Fiscal Impact

The truck will be a common small capital expense split equally between PC2 - JBL, PC15 - CTP, and PC17 - RTP. The allocation for the \$60,000 budget is shown below:

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	Total	Common Allocation
PC2-JBL		
MNWD	\$4,470.00	22.35%
SCWD	\$4,884.00	24.42%
SMWD/CSJC	\$10,646.00	53.23%
Subtotal	\$20,000.00	100.00%

	Total	Liquids/ Common Allocation
PC15-CTP		
CLB	\$7,582.00	37.91%
EBSD	\$598.00	2.99%
MNWD	\$5,850.00	29.25%
SCWD	\$5,970.00	29.85%
Subtotal	\$20,000.00	100.00%

	Total	Common Allocation
PC17-RTP		
CLB	\$1,254.00	6.27%
EBSD	\$66.00	0.33%
ETWD	\$2,052.00	10.26%
MNWD	\$15,626.00	78.13%
SCWD	\$1,002.00	5.01%
Subtotal	\$20,000.00	100.00%

Agency Totals	Total
CLB	\$8,836.00
EBSD	\$664.00
ETWD	\$2,052.00
MNWD	\$25,946.00
SCWD	\$11,856.00
SMWD/CSJC	\$10,646.00
Totals	\$60,000.00

Recommended Action: Staff recommends that the Board of Directors authorize the General Manager to purchase a pickup truck for an amount not to exceed \$60,000.

Agenda Item

6.C.

Budgeted: Yes

Budget amount: \$671,572

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

Legal Counsel Review: No

Meeting Date: November 3, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Chlor Alkali Products Sodium Hypochlorite (Bleach) and Sodium Hydroxide (Caustic Soda) Contract Award [Project Committees 2, 15, and 17]

Summary

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

There are three (3) additional annual renewals for the existing contracts. However, because SOCWA has been experiencing substantial increases in all O&M costs, SOCWA elected to solicit prices instead of negotiating contract extensions with the current vendors to ensure that SOCWA receives competitive pricing.

Discussion/Analysis

SOCWA, and the participating member agencies, use chlor-alkali products extensively in the treatment plants for disinfection of recycled water and in the odor control scrubbers. Chlor-Alkali products include 12.5% sodium hypochlorite, 30% sodium hydroxide, and 50% sodium hydroxide. The proposals were reviewed and evaluated by SOCWA staff.

SOCWA received proposals from the following companies:

- Brenntag Pacific, Inc. (Brenntag)
- JCI Jones, Inc. (JCI Jones)
- North Star Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) (North Star)
- Olin, Inc. (Olin)

Initial Proposal Review for Minimum Requirements

The initial review of the proposals concluded that no one vendor proposed on all the chemicals and/or quantities requested in the Request for Proposals. The following is a table indicating which vendors proposed for the grouped chemicals:

Vendor	Brenntag	JCI Jones	North Star	Olin
12.5% Bleach(1)	No	Yes	No	Yes
50% Caustic(1)	Yes	No	Yes	No
30% Caustic	Yes	Yes	Yes	No

(1) Required in SOCWA RFP.

Initial Rating of Responsive Proposals

During the review of the proposals, SOCWA staff worked to determine the best value for SOCWA, and the participating member agencies, to continue to maintain two (2) contracts, as follows: (1) one contract for sodium hypochlorite and (2) one contract for sodium hydroxide. This was based on the expertise of the companies proposing and the proposed pricing variations. The vendors were rated on the following:

- Compensation rate (30 points)
- Experience/qualifications (10 points)
- Product integrity (10 points)
- Reference testimony (10 Points)

Sodium Hypochlorite (Bleach) Review

The initial review of the proposals resulted in the following rankings and ratings included in Tables 1 through 4:

Table 1 - Sodium Hypochlorite Proposal Ratings

Vendor	Proposal Ratings
JCI Jones	28.0
Olin	60.0

Table 2 - Sodium Hypochlorite Proposal Pricing with Estimated Contract Values

Vendor	Est. Contract Value (1)	Price per gallon - Sodium Hypochlorite 50%					
		(501-1000 gals)	(1001-2000 gals)	(2001-3000 gals)	(3001-4000 gals)	(4001-4800 gals)	(>4800 gals)
JCI Jones	\$1,355,964	\$4.06	\$3.05	\$2.40	\$2.25	\$2.15	\$2.05
Olin	\$1,322,892	\$2.75	\$2.50	\$2.35	\$2.22	\$2.10	\$2.00
Current	\$588,687	\$1.75	\$1.42	\$1.19	\$1.06	\$1.06	\$0.89

Note 1 – Calculated based on FY21-22 delivery qualities.

Sodium Hydroxide (Caustic)

Table 3 - Sodium Hydroxide Proposal Ratings Table

Vendor	Proposal Ratings
JCI Jones	Non-responsive no 50% costs per RFP
North Star	60.0
Brenntag	30.0

Table 4 - Sodium Hydroxide Proposal Pricing with Estimated Contract Values

Vendor	Est. Contract Value (1)	Price per gallon - Sodium Hydroxide 50%				
		(1-500 gals)	(501-1000 gals)	(1001-2000 gals)	(2001-3000 gals)	(3001-4000 gals) Full Load
JCI Jones	NA	NA	NA	NA	NA	NA
North Star	\$48,763	\$5.20	\$4.45	\$3.99	\$3.60	\$2.98
Brenntag	\$65,127	\$5.75	\$5.15	\$4.35	\$3.98	\$3.98
Current	\$38,128	\$3.63	\$3.08	\$2.78	\$2.68	\$2.33

Note 1 – Calculated based on FY21-22 delivery qualities.

Table 4A – Small Order Periodic Sodium Hydroxide Proposal Pricing

Vendor	Price per gallon - Sodium Hydroxide 30%						
	(1-500 gals)	(501-700 gal)	(701-1000 gals)	(1001-2000 gals)	(2001-3000 gals)	(3000-4000 gals)	(>4000 gals) Full Load
JCI Jones	\$3.55	\$3.25	\$2.85	\$2.45	\$2.25	\$2.00	\$1.92
North Star	\$3.63	\$3.18	\$2.85	\$2.43	\$2.19	\$2.14	\$1.80
Brenntag	\$6.10	\$5.04	\$5.04	\$4.64	\$4.64	\$4.64	\$4.38
Current	\$2.14	\$1.93	\$1.64	\$1.54	\$1.46	\$1.46	\$1.46

Term of Contract and Member Agency Responses to Proposed Increases

Due to supply chain issues and energy price volatility, the industry has moved to three (3) or six (6) month contract lengths versus the past that included multi-year contracts. Thus, the contract is proposed to be a six (6) month contract with up to three (3) 6-month extensions.

Next, because of the price increases for caustic, the member agencies will move away from using the 30% caustic. The 50% concentration will require heat tracing at some sites to ensure that the chemical does not freeze when temperatures drop before 58 degrees Fahrenheit. SOCWA implemented heat taping a few years ago and has effectively reduced caustic costs by using the more concentrated chemical.

Prior Related Project Committee or Board Action(s)

None

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Fiscal Impact

It is estimated that there will be an annual increase of 80% for bleach and 28% for caustic. This will be broken up between three (3) Project Committees: PC2 (JBL), PC15 (CTP), and PC-17 (RTP).

Recommended Action: Staff recommends that the Board of Directors authorize the General Manager to:

1. Enter into a contract with Olin, Inc. for sodium hypochlorite products for six months with up to three (3) additional six (6) month renewals as specified; and

Volume	\$/Gallon
(501-1000 gals)	\$2.75
(1001-2000 gals)	\$2.50
(2001-3000 gals)	\$2.35
(3001-4000 gals)	\$2.22
(4001-4800 gals)	\$2.10
(>4800 gals) Full Load	\$2.00

2. Enter into a contract with North Star Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) for sodium hydroxide products for six months with up to three (3) additional six (6) month renewals as specified:

Concentration - Volume	\$/Gallon
50% - (1-500 gals)	\$5.20
50% - (501-1000 gals)	\$4.45
50% - (1001-2000 gals)	\$3.99
50% - (2001-3000 gals)	\$3.60
50% - (>3000 gals) Full Load	\$2.98

Agenda Item

6.D.

Budgeted: Yes
Budget amount: \$219,008
Line Item: PC2, 15 &17 Lines 5013
Legal Counsel Review: No
Meeting Date: November 3, 2022

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Mariposa Landscapes Inc. for Landscaping Services Extension
[Project Committees 2, 15, & 17]

Summary

The treatment plant landscaping contract with Mariposa Landscapes Inc. is expiring, and there are three more annual renewal options for the contract. This service is critical to maintaining the treatment's image with the surrounding communities and minimizing wildland fire risks.

The proposed extension will have no change in costs.

Discussion/Analysis

As part of this agreement, Mariposa provides weekly services to maintain the plants landscaping and irrigation systems.

SOCWA staff negotiated a no-cost change contract extension for the final year of the contract.

The following are the fees under the contract:

Service Area	Service Description	Mariposa
CTP Plant	Monthly Fee for Weekly Services	\$2,929.00
CTP Access Road Area 1	Per mowing event	\$461.80
CTP Access Road Area 2	Per mowing event	\$706.97
CTP Access Road Area 3	Per mowing event	\$523.09
CTP Access Road Area 4	Per mowing event	\$768.26
RTP Plant	Monthly Fee for Weekly Services	\$7,322.50
JBL Plant	Monthly Fee for Weekly Services	\$4,393.50

Fiscal Impact

None.

Recommended Action: Staff recommends that the Board of Directors authorize the General Manager to execute a one-year contract extension with Mariposa Landscapes Inc. at current prices.

Agenda Item

6.E.

Legal Counsel Review: No

Meeting Date: November 3, 2022

TO: Board of Directors
FROM: Betty Burnette, General Manager
STAFF CONTACT: Dina Ash, Human Resources Administrator
SUBJECT: Employee Suggestion Award Program

Summary

All employees are encouraged to submit new ideas which will improve the way the Agency operates – increase productivity, save time or money, eliminate waste or duplication, or improve customer service or quality of work life.

Discussion/Analysis

The perimeter concrete wall at JBL was decrepit over time due to age, weather, and poor installation. The installation of the posts into the wall was not completed correctly. Multiple posts were completely rotted out from weather. A complete rehabilitation was necessary. Lastly, on the other side of the wall is a very steep ditch, making the work dangerous and difficult.

Merely resetting the posts with new concrete/grout was not an option because of the state that the concrete was in. We have exposed rebar that is rusting, and large chunks of concrete were literally falling off the wall. We obtained a quote for concrete rehabilitation which was approx. \$97,599.

Anthony Plesa has certain concrete rehabilitation skills that SOCWA has not previously seen among the mechanics. He offered to perform the rehabilitation in house because not only does he have the skill to perform these costly repairs, but he also has the safety certifications required for scaffolding work.

Advisory Committee Review

All suggestion reviewed by the Personnel Department and an Evaluation Committee comprised of Engineer, and a supervisor from the Maintenance and Operations Departments. The General Manager has considered the recommendation and approve.

The Agency's Board of Directors shall authorize payment of cash award and/or presentation of certificate

Fiscal impact

In house labor cost: \$2,306.04 (44 hours of OT @ \$52.41/hr.),
Parts and material: \$4233.82
Total in house cost: \$6540.26

Recommended Action: In accordance with the Employee Suggestion Award Program, the Personnel Department and the Evaluation Committee recommends that the Board of Directors authorize the maximum award amount of \$1,000.00.

Attachment(s):

Employee Suggestion Award Program Policy
Employee Suggestion Award Program Suggestion Form
Before and after pictures

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

EMPLOYEE SUGGESTION AWARD PROGRAM

I. POLICY

All employees are encouraged to submit new ideas which will improve the way the Agency operates -- increase productivity, save time or money, eliminate waste or duplication or improve customer service or quality of work life.

A. DEFINITIONS

The following terms shall have the meaning respectively ascribed to them unless otherwise apparent from the context:

1. "Intangible Benefits" means the result of a suggestion which may not result in quantifiable savings, such as improved employee morale, safety, quality, communication, and service.
2. "Tangible Benefits" means the result of a suggestion which will produce quantifiable savings, such as save time, labor, space, material, and supplies.

B. ELIGIBILITY

1. Any employee of the Agency is eligible to submit a suggestion. However, monetary awards will not normally be given to an employee whose duties and responsibilities would reasonably be expected to include improved Agency operations (i.e., General Manager, Assistant General Manager, Engineer, Plant Superintendent, Chief Operator/Assistant Superintendent, Laboratory Supervisor, Maintenance Supervisor).

II. PROCEDURE

A. SUBMISSION

1. The following steps are to be followed when submitting a suggestion:
 - a. Describe the present method or system, identifying the problem with that method or system.
 - b. Describe how the suggestion will improve the current method or system.
 - c. Explain how the suggestion will affect the general safety and welfare of the public and/or Agency personnel as well as other intangible areas as defined in Section I-A-1.
 - d. Estimate the savings in the following areas resulting from the implementation of the suggestion:

- 1). Number of man-hours saved annually
 - 2). Dollar and man-hour savings due to less lost-time accidents
 - 3). Potential dollar savings due to decreased risk of legal action
 - 4). Dollar amount of material savings
 - 5). Give product name, including model number, name of vendor, manufacturer and/or supplier of materials to be used to implement the suggestion
 - 6). Quantity of materials saved and frequency of savings
 - 7). Equipment savings
 - 8). Savings in any area not listed
 - 9). Any installment costs
- e. Include sketches, pictures, or other supplementary information with the above listed information.
2. The following suggestions are ineligible:
 - a. Complaints.
 - b. Routine maintenance suggestions.
 - c. Suggestions under consideration within the past 12 months.
 - d. Suggestions already implemented, unless submitted by the original suggester within 30 days of the implementation date.
 - e. Duplicate or anonymous suggestions.
 - f. Suggestions that deal with salary adjustments and job classifications.
 - g. Suggestions that call attention to a problem but offer no solution.
 3. Suggestions should be typed, if possible, and must include the names of the employees submitting the suggestion and the date submitted.
 4. All suggestions shall be submitted to the Personnel Department in a sealed envelope marked "Suggestion Award Program".
 5. In cases of duplicate suggestions, the suggestion bearing the earliest date of receipt will receive the consideration of award.

B. REVIEW

1. All suggestions shall be reviewed by the Personnel Department for clarity, content, and completeness. Ineligible suggestions will be returned with a full explanation.
2. The Human Resource Department shall forward all eligible suggestions to the Evaluation Committee for consideration of feasibility.
3. The Evaluation Committee shall be comprised of the Plant Superintendent, and a supervisor from the Maintenance, Laboratory and Operations Divisions.
4. The Evaluation Committee shall make the final evaluation and recommend a level of award recognition for General Manager approval.

5. The General Manager shall consider the recommendations of the Evaluation Committee and approve or modify said recommendations.
6. The Agency's Board of Directors shall authorize payment of cash award and/or presentation of certificate.
7. Suggestions that are not used are considered property of the suggester for one (1) year. If that suggestion is used during that year, the suggester will be given appropriate recognition. The suggester may re-submit his/her suggestion anytime during that twelve (12) month period.
8. Decisions regarding eligibility of employees and the type and/or number of awards are final.

C. AWARD

1. Employee Suggestion Awards are categorized as either monetary or non-monetary.
 - a. Non-monetary awards are Certificates of Recognition and are used to recognize an employee for submitting a suggestion that resulted in an intangible benefit.
 - b. Monetary awards will be given for suggestions resulting in tangible benefits. The suggester will earn ten (10) percent of the "net annual savings" or "net annual increase in revenue" with a minimum of \$100 and a maximum of \$1,000.
2. Split awards will be authorized for accepted suggestions formally submitted by two or more employees. Monetary awards will be divided equally among all the eligible persons whose names appear on the suggestion.
3. Suggestions receiving monetary awards will become the exclusive property of the Agency.
4. All awards will be presented at the regular meeting of the Agency's Board of Directors.
5. No more than \$20,000 worth of awards will be granted in any one fiscal year.

EXHIBIT "A"

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Employee Suggestion Award Program Suggestion Submittal Instructions

To submit a suggestion, use the Suggestion Form included in this packet, and follow these steps:

1. Suggestions should be typed, if possible, and must include the names of the employees submitting the suggestion and the date submitted.
2. Describe the present method or system, identifying the problem with that method or system.
3. Describe how your suggestion will improve the current method or system. Indicate product name, including model number, name of vendor, manufacturer and/or supplier of materials to be used to implement your suggestion, if applicable.
4. Explain how your suggestion will affect the general safety and welfare of the public and/or Agency personnel as well as other intangible areas such as employee morale and communication.
5. Estimate the savings in the following areas resulting from the implementation of your suggestion:
 - A. Number of man-hours saved annually
 - B. Dollar and man-hour savings due to less lost-time accidents
 - C. Potential dollar savings due to decreased risk of legal action
 - D. Dollar amount of material savings
 - E. Quantity of materials saved and frequency of savings
 - F. Equipment savings
 - G. Savings in any area not listed
 - H. Any installment costs
6. Include sketches, pictures, or other supplementary information with the above listed information.
7. Submit your suggestion to the Human Resource Department in a sealed envelope marked "Suggestion Award Program".

Please review your suggestion form to ensure that you have clearly documented all the details regarding your suggestion including all costs, savings and materials involved. If you need assistance in estimating the man-hour savings, and/or product material costs, please contact your supervisor.

The following suggestions are ineligible: Complaints; Routine maintenance suggestions; Suggestions already implemented within the past 12 months; Duplicate or anonymous suggestions; Suggestions that deal with salary adjustments and job classifications, and Suggestions that call attention to a problem but offer not solution.

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**Employee Suggestion Award Program
Suggestion Form**

Title of Suggestion In-house Concrete Wall Rehabilitation Project Date

Affected Department: Every Department

SUGGESTER #1

Name Anthony Plesa Department Maintenance

Job Title Mechanic I

Signature

SUGGESTER #2

Name Department

Job Title

Signature

SUGGESTER #3

Name Department

Job Title

Signature

1. Describe the present method or system, identifying the problem with that method or system.

The perimeter concrete wall at JBL has become decrepit over time due to age, weather, and poor installation. The installation of the posts into the wall was not completed correctly. Multiple posts were completely rotted out from weather. The posts were secured into the wall with either low quality grouting or just plain dirt. When a heavy windstorm hit JBL, the posts not only fell over, but the concrete was heavily damaged in several places including exposed rebar. Because the posts were packed with dirt in many places, the holes were collecting water and reaching the rebar, causing heavy rust. A complete rehabilitation is necessary at some point in the future. Lastly, on the other side of the wall is a very steep ditch, making the work dangerous and difficult.

This was determined to be both a high priority safety issue (The fence could fall and hurt someone, or the concrete could fail further and cause harm) and also a security issue since the fence on top of the wall was heavily leaning.

Merely resetting the posts with new concrete/grout was not an option because of the state that the concrete was in. We have exposed rebar that is rusting, and large chunks of concrete were literally falling off the wall. We obtained a quote for concrete rehabilitation which was approx. \$97,000.











2. Describe how your suggestion will improve the current method or system. Indicate product name, including model number, name of vendor, manufacturer and/or supplier of materials to be used to implement your suggestion, if applicable.

Anthony Plesa has certain concrete rehabilitation skills that SOCWA has not previously seen among the mechanics. He offered to perform these costs in house because not only does he have the skill to perform these costly repairs, but he also has the safety certifications required for scaffolding work. Anthony took the initiative to price out all the materials and man hours required during overtime to accomplish this project. Anthony made the recommendation to utilize high quality grouting according to code and the kind of concrete application method required for building the forms and rehabilitating the wall. SOCWA has never been able to do this kind of work in-house before due to the necessary safety considerations and certifications required.



3. Explain how your suggestion will affect the general safety and welfare of the public and/or Agency personnel as well as other intangible areas such as employee morale and communication.

While the wall was deteriorating and the fence was falling down, there was a perimeter security issue at JB Latham Treatment Plant. In addition, there was a safety hazard in that the fence could fall down further and injure someone. The crumbling concrete was also a safety hazard in that the wall could lose further integrity over the course of time. Adjacent to this wall are methane and natural gas lines.

4. Estimate the annual savings if your suggestion is implemented in areas such as man-hours, material cost and/or quantity savings and equipment savings. Be sure to identify installation costs, if applicable.

In house Labor Cost: \$2,306.04 (44 Hours of OT @ 52.41/hr)

Parts and materials: \$4233.82

Total in House Cost: **\$6540.26**

COMPLETED WORK


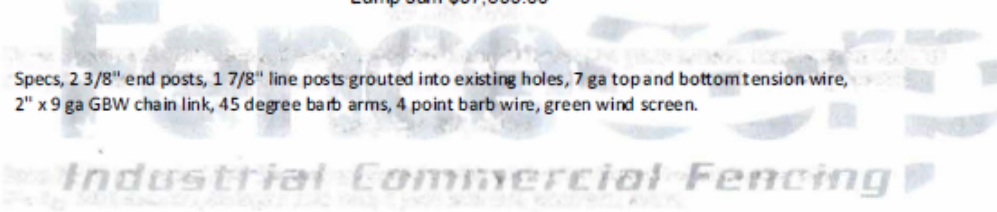





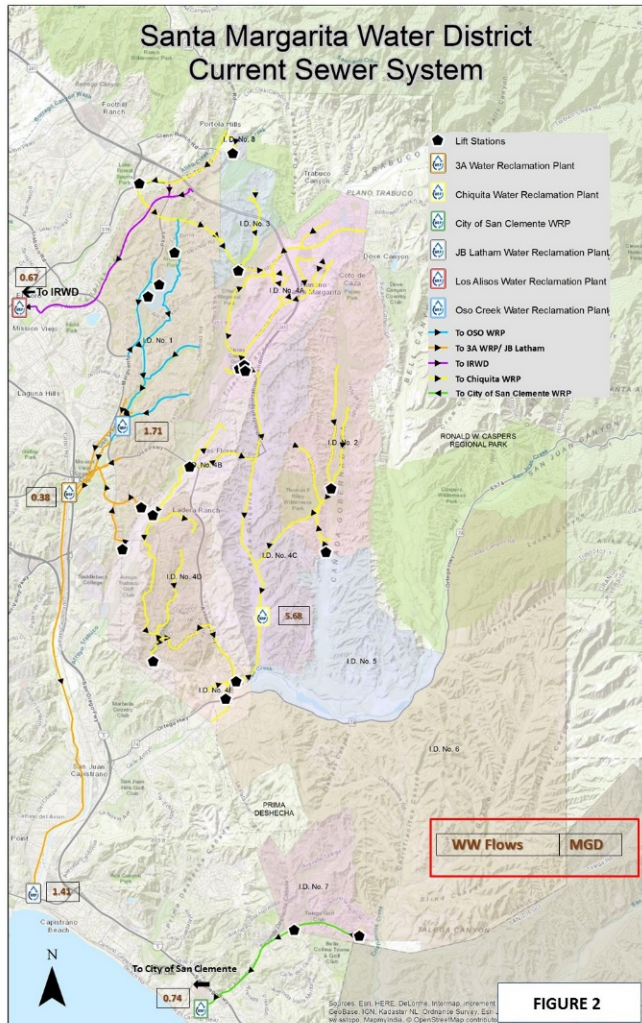




More Pictures at [Fence north wall photos - OneDrive \(sharepoint.com\)](https://www.onedrive.com/share/...)

Proposal	CA License #886544 •DIR#100000850 EXP. 6/30/22	Contract
		
Oceanside Office 2401 Industry Street, Oceanside, CA 92054 Ph. (760) 754-8372 / Fax (760) 754-9810	Riverside Corporate Office 18440 Van Burn Blvd., Riverside, CA 92508 Ph. (951) 866-1170 / Fax (951) 788-7759	Sacramento Office 6837 Power Inn Road, Sacramento, CA 95828 Ph. (916) 388-0887 / Fax (916) 383-6769
PROPOSAL SUBMITTED TO:	OFFICE PHONE	CELL PHONE
OC Waste Water		
STREET:		BID DATE
		2/22/2022
CITY, STATE, & ZIP CODE:		JOB NAME:
		OC Waste Water Fence Repair
		JOB LOCATION:
		OC
We hereby submit an estimate to furnish Labor and Materials for:		
OPTION NO 1 Demo Approx 400 lf of existing 6 ft high chain link fence, barbwire and green screen. Install approx 400 lf of new galv. posts, 6 ft high galv. chain link, 3 strands barbwire, and green wind screen in existing location. Lump sum \$97,599.00		
Specs, 2 3/8" end posts, 1 7/8" line posts grouted into existing holes, 7 ga top and bottom tension wire, 2" x 9 ga GBW chain link, 45 degree barb arms, 4 point barb wire, green wind screen.		
		
Bid per specs above Move-Ins Included: 1 Additional Move-Ins: \$3,395.00 Union Bondable: 1% not in base bid amount THIS QUOTE IS TO BECOME PART OF ANY SUBSEQUENT CONTRACT		
EXCLUSIONS: 1) No bond expense. Our bond rates 1% for one year. A additional years is additional costs. 2) No clearing, grubbing, grading, survey or staking of fence line. 3) Staking to include all end, angle, corner, gate locations and finish grade elevations. 4) No demolition/ tear out of existing or temporary fence unless noted on quote, installation or removal of temp fence. 5) No permits, airport, railroad or builders risk ins. 6) No structural engineering, calculations, electronic stop or as built drawings. 7) No patching of asphalt, saw cutting or core drilling. 8) No signage, traffic control or public safety provisions. 9) No embeds, post pockets, sleeves or sleeve tubes in walls or barriers unless noted on quote 10) No grounding or bonding of fencing and gates unless noted on quote. 11) No rebar or rebar cages unless noted on quote. 12) No temporary snow or tree fencing. 13) No costs for testing or special inspections. 14) Not responsible for utility or irrigation lines placed within 3' of proposed fence line. 15) No hand digging, no hydro or air vacuuming, no potholing. When directed additional costs and signed change order required. 16) No locating of non USA member and new utilities. 17) No mow strips, grade beams, aprons, curbs or continuous footings. 18) Concrete washout provided by general contractor/owner. 19) No backfill or compaction of post holes from demolition or temporary fence. 20) No knobboxes or switches. 21) No dust control or dewatering. 22) Posts in flatwork to be set prior to pour or blocked out by general contractor. 23) No electrical or conduits. 24) No Import or export of dirt or spoils. Spoils to be spread at fence line or stockpiled at a location on site. 25) Painting or staining. 26) Access Control, electric/magstrikes, or gate automation unless otherwise noted. 27) Auger refusal requires approved COR for a per hole price. 28) No fall protection plan or system. 29) No picnic bar, gate closures unless noted on quote. 30) No picnic bar, gate closures unless noted on quote.		
We propose hereby to furnish materials and labor — complete in accordance with above specs for the sum of:		see above
ACCEPTANCE OF PROPOSAL SIGNATURE: _____ DATE: _____		
AUTHORIZED SIGNATURE:  NOTE: This proposal shall be valid upon submission by _____ for a period within 30 days. Steve van Dlen Cell 951-544-5369		

SMWD Proposed Reverse Osmosis Concentrate Discharge to San Juan Ocean Outfall Project Committee No. 5



Background:

- SMWD owns and operates the Chiquita Land Outfall (CLO) feeding the San Juan Ocean Outfall (SJOO)
 - 42 MGD capacity built for ocean disposal of secondary effluent
 - SMWD is considering repurposing CLO as a conduit for multiple pipelines, one for ocean disposal of secondary and/or reverse osmosis concentrate (RO Concentrate)
- San Juan Capistrano Groundwater Plant (SJC Plant) RO Concentrate under the SOCWA Waste Discharge Permit
 - SJC Plant discharges to the Chiquita Land Outfall which is connected to the SJOO (PC 5)
- SCWD Groundwater Plant - RO Concentrate to CLO
- SMWD and MNWD jointly own the Effluent Transmission Main (ETM), a land outfall from the 3A Plant which is connected to CLO and SJOO

SMWD Proposed Reverse Osmosis Concentrate Discharge to San Juan Ocean Outfall Project Committee No. 5

Proposed Brine Line

Possible Contributing Sources:

- Lake Mission Viejo Advanced Water Treatment Plant (LMV Plant) ~ 140,000 gpd
 - Treats tertiary water for delivery to Lake Mission Viejo – Proposed 50% Expansion
 - Currently, RO Concentrate (brine) is batched discharge to sewer during low flows, bypasses Oso Creek and 3A Plant and mixed with wastewater influent at the Latham Plant
 - Proposal is to build brine line from LMV Plant to ETM for ocean disposal.
- Oso Barrier Treatment Plant ~ 180,000 gpd
 - Proposed RO facility to treat urban return flows collected at the Oso Barrier
 - SMWD is required under the recycled water permits to collect flows
 - Currently no treatment is required for the flows
 - Located at Oso Creek WRP, product water combined with Oso Creek WRP tertiary effluent
 - Connect to the brine line from LMV Plant to ETM for ocean disposal

SMWD Proposed Reverse Osmosis Concentrate Discharge to San Juan Ocean Outfall Project Committee No. 5

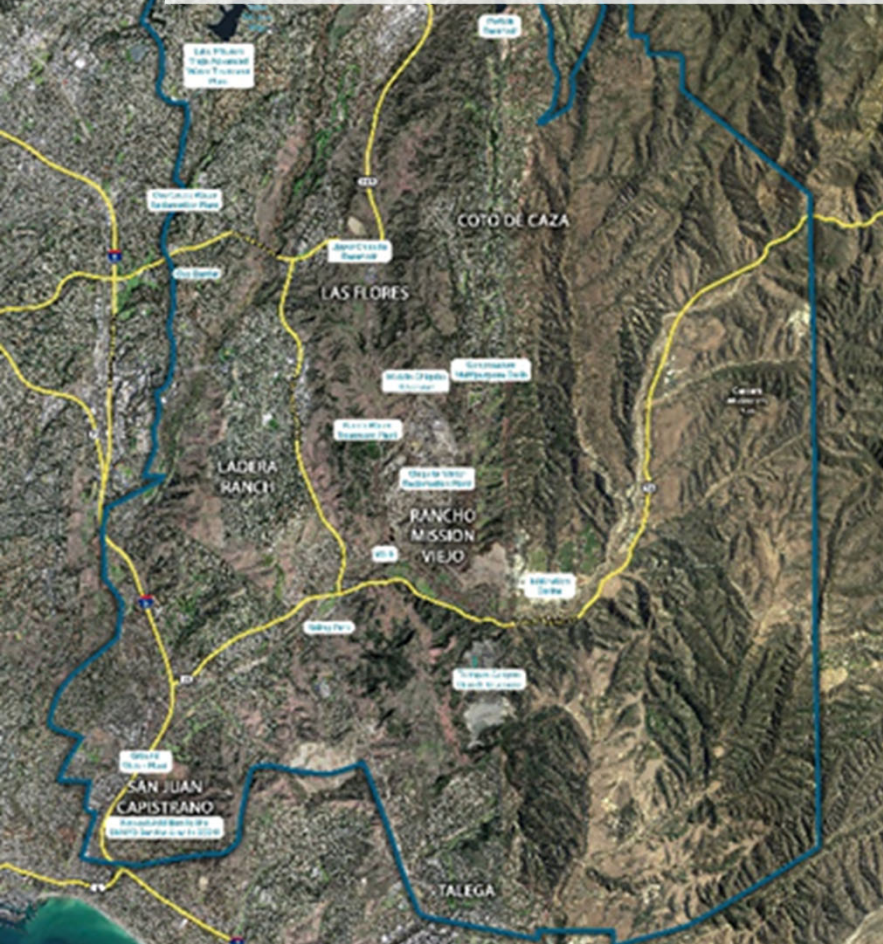
- Ranch Water Filtration Plant (Ranch WFP)
 - Proposed plant to treat impaired groundwater high in salts, iron and manganese
 - Additionally, SMWD is proposing to recharge the groundwater basin with recycled water to provide water resiliency
 - Ranch WFP is located adjacent to the Chiquita WRP
 - Discharge the brine to the CLO for ocean disposal through SJOO
- Total salt loading is estimated to be less than permitted secondary effluent discharges from SMWD





SMWD Proposed Reverse Osmosis Concentrate Discharge to San Juan Ocean Outfall

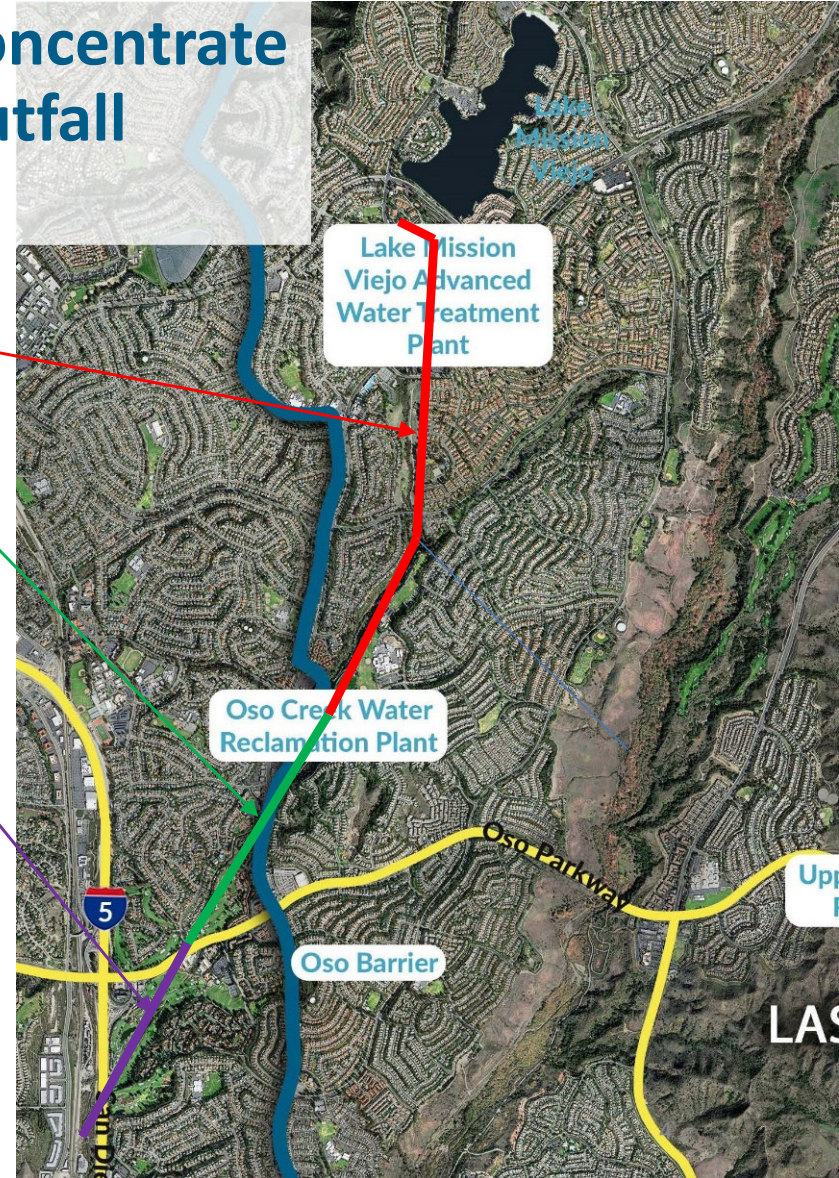
Project Committee No. 5



New Pipe Install

Slip Line Exist Pipe

Method TBD





October 14, 2022

Agenda Item 6.G.

Ms. Amy Hutzel, Executive Officer
California State Coastal Conservancy
1515 Clay Street, 10th Floor
Oakland, CA 94612-1401

Re: Stakeholder Concerns Regarding Aliso Creek Estuary Concept

Dear Ms. Hutzel:

On behalf of the signatory agencies, we want to thank you and the State Coastal Conservancy (SCC) staff for your role in fulfilling the agency’s critical mission. We all understand that in order to protect, restore, and increase public access to California’s coast, ocean, and coastal watersheds we must work together. In this light, we bring to you our collective concerns regarding the Aliso Creek Estuary Concept plan development.

The goal for improvements to the Aliso Creek estuary has been around for decades, and most recently received backing from the Southern California Wetlands Recovery Project approving the project for their workplan in November 2013. The SCC approved a \$300,000 grant on October 2, 2014, for preparation of a conceptual restoration plan. The grant was awarded to develop the ideas further so that stakeholders could make informed decisions about the proposed plan. However, like the proverbial “cart before the horse,” the process has gathered more public support than understanding of overall project feasibility. The result of the SCC grant, a 272-page Conceptual Restoration Plan, has been used by proponents to gain support for a concept plan which lacks key stakeholder support and has questionable viability. The conceptual layouts have been shared with the City of Laguna Beach (CLB), the South Coast Water District (SCWD), the South Orange County Wastewater Authority (SOCWA) and departments from the County of Orange including OC Parks, OC Public Works, and OC Flood Control. As key stakeholders, including landowners most affected by any project, there are many concerns that must be brought to all interested parties’ attention prior to further investment and commitment into the concept.

In this letter, the needs of all stakeholders are provided in a unified, efficient manner. The City, County agencies, South Coast Water District, and South Orange County Wastewater Authority (hereafter referred to as the Stakeholders) have compiled a list of needs and concerns identified in reviewing the concept plan as of the first quarter of 2022. The list is provided to assist in determining what must be addressed to move the concept plan ahead, if at all, to a formative stage of development.

The stakeholders agree that environmental restoration, where engaged in suitable conditions, is an essential part of the environmental stewardship role we hold for our communities. We recognize that our responsibility is to support those projects when opportunities arise. It is also

DRAFT

essential to identify fiscally responsible projects that fit boundary conditions to produce complementary environmental benefits.

The following list is provided to confirm needs and concerns that are required to be addressed by Laguna Ocean Foundation, where appropriate within the concept restoration plan, before the stakeholders committing further resources to the concept layout:

1. Access to essential service facilities, specifically the South Coast Water District's, must be maintained at all times. This includes above ground infrastructure as well as below ground. The facilities of primary concern include:
 - a. The SCWD Sewer Lift Station No. 2 (adjacent to the Creek),
 - b. The CLB North Coast Inceptor Sewer Transmission Pipeline (adjacent and below to the Creek),
 - c. The SOCWA Aliso Creek Ocean Outfall (adjacent and below the Creek)
 - d. The SCWD Sewer transmission pipeline (below the Creek)
2. Integrity of existing below ground facilities must be protected at all times to ensure asset useful life is not compromised.
3. The buildings to the north of Country Club Drive constitute part of the SCWD Operational Facilities. Safety of SCWD employees who work out of these sites and who visit these sites on a daily basis must be of utmost importance.
4. Terms and conditions for utilizing SCWD owned property exhibited in the Estuary concept need to be considered and agreed upon by all parties.
5. SCWD, in particular because of its fiduciary responsibility to its rate payers, must be fairly compensated for property value loss resulting from development of an Estuary.
6. Any loss of parking or other public park amenities must be replaced in kind. There can be no loss of parking or other public park amenities associated with the Estuary. The Aliso Beach parking lots have been identified as meeting Environmental Justice requirements by the California Coastal Commission for affordable beach access and thus are critical to beach access parking and rate structures at other South County and Laguna Beach parking facilities.
7. The ultimate owner/operator of the restored site must be identified. The County has offered a long-term lease or sale/transfer of the property to an entity or agency who is able to conduct the restoration and maintain the site.
8. Any existing encumbrances/easements for subsurface infrastructure will need to be properly identified and maintained by the ultimate owner/operator.
9. Other Stakeholders that have not been included in "all hands" meetings should also be included, namely the Corp of Engineers, Caltrans, and Frontier Communications.

DRAFT

All regional, state and federal agencies will be sent this co-signed letter summarizing the concerns identified by each stakeholder. This stakeholders' letter will be updated to inform outside agencies of issues remaining to be adequately addressed.

In conclusion, the estuary of Aliso Creek was forever changed by the construction of the Coast Highway. Since the highway bridge was constructed, the creek has been constricted causing the velocities along the creek to be increased, while development along the coast has driven the need for significant sanitary sewer infrastructure and increased public access demands which have been addressed by the public park area and available coastal access parking. The stakeholders' opinion that the estuary, while commendable in concept, is currently in conflict with the need for protection and access to existing facilities. The costs to overcome such conflicts are not financially feasible. We are open to more dialogue, but the expedient push to restore the estuary to its near-original condition remains an extreme concern to the agencies most impacted.

Sincerely,

City of Laguna Beach

South Coast Water District

County of Orange

South Orange County Wastewater Authority

CC: Xx
Xx
Xx
Xx
Xx

Agenda Item

6.J.

Board of Directors Meeting

Meeting Date: November 3, 2022

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

ADMINISTRATION

Draft 2023 Annual Meeting Calendar

Attached is the draft proposed 2023 Annual Meeting Calendar for Board review. Please submit any comments or revisions to Danita by November 17, 2022, to prepare for Board approval at the December meeting. Also, please note the following inclusions:

- The following Budget Review dates coincide with the monthly Finance Committee meeting:
 - March 21, 2022 & April 18, 2022
- Budget Workshop – May 18, 2022
- July and December are proposed as “*Dark*” months
- 2023 Conference Dates

South Orange County Wastewater Authority
2023 Board Meeting Calendar
DRAFT

January							February							March							April						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31					29	30						29	30						29	30					
May							June							July (DARK)							August						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6					1	2	3							1			1	2	3	4	5
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30	31		
														30	31												
September							October							November							December (DARK)						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2	1	2	3	4	5	6	7				1	2	3	4						1	2
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30			24	25	26	27	28	29	30
																					31						

2023 Conference Dates:

CASA Winter Conference	January 25-27, 2023	Palm Springs, CA
WaterReuse Symposium	March 5-8, 2023	Atlanta, GA
AWWA/WEF Utility Mgmt. Conf	March 28-31, 2023	Sacramento, CA
CWEA Annual Conference	April 18-21, 2023	San Diego, CA
ACWA Spring Conference	May 9-11, 2023	Monterey, CA
CASA Annual Conference	August 9-11, 2023	San Diego, CA
WaterReuse California	September 9-13, 2023	San Francisco, CA
WEFTEC Annual Conference	September 30-October 4, 2023	Chicago, IL
ACWA Fall Conference	November 28-30, 2023	Indian Wells, CA

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| <ul style="list-style-type: none"> Board Meeting (8:30 a.m.)
<i>(1st Thursday of the month)</i> Finance Special Committee (10:30 a.m.)
<i>(3rd Tuesday of the month)</i>
<small>(Monthly meetings as directed on February 20, 2020)</small> Executive Regular Committee (9:00 a.m.)
<i>2nd Tuesday in May & November</i>
<i>(5/9/2023 & 11/7/2023)</i> | <ul style="list-style-type: none"> Board Budget Workshop (8:30 a.m.)
<i>(5/18/2023)</i> Finance Special Committee (10:30 a.m.)
<i>Special Budget Review Meetings:</i>
<i>(3/21/2023, 4/4/2023, & 4/18/2023)</i> Engineering Regular Committee (8:30 a.m.)
<i>(2nd Thursday of the Month)</i> |
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SOCWA Meetings resumed in-person as of November 3, 2022 at:
 34156 Del Obispo Street, Dana Point, California
(virtual Zoom link is available for all meetings until further notice)

Red numbered dates indicate SOCWA holidays and weekends